







MEGAMAN®

Technical Luminaires | 2018

www.megaman.cc







WHO WE ARE

Artificial light enhances the way we live and work. It brings us safety, comfort and productivity. MEGAMAN® is committed to providing light in a way that is truly sustainable, energy-saving and of such a quality that it brings a positive difference into the lives of all who use the company's innovative LED lighting solutions.

MEGAMAN® is proud to be the only major brand to have exclusively manufactured low-energy lighting products throughout its entire history, offering more than 20 years of industry expertise and innovation to the lighting market.

Beginning in 1994 with the highly successful production of CFL light sources, MEGAMAN® has evolved to become a complete low-energy lighting solutions provider. MEGAMAN® has built a reputation for producing high-performance LED light sources that offer a true replacement for traditional metal halide and halogen – combining quality lighting performance with substantial energy savings.

MEGAMAN® is now applying its market-leading experience to an even wider range of lighting solutions including revolutionary Smart Lighting control, a full range of components and a suite of low-energy fixtures.

MEGAMAN® is now applying its market-leading experience to an even wider range of product offerings including revolutionary Smart Lighting control, an extensive range LED Components and a suite of energy-efficient luminaires and lamps.

- *INGENIUM*® ZB Smart Lighting Solution provides further energy saving potential for users and allows them have full control of smart devices via the mobile app from anywhere in the world
- An extensive range of Luminaires and Lamps are developed for both indoor and outdoor applications across diverse industries
- TECOH® high performance LED Components are designed in different shapes, sizes and lumen packages to meet customer specifications
- MEGAMAN® lighting products are widely distributed throughout the world including Europe, Asia Pacific, Middle East, North America and Latin America
- Our advanced Research and Development facilities will ensure a continuous supply of innovative and sustainable lighting products in the market

MEGAMAN® continues to play a leading role in combating climate change and carbon emissions by pursuing continuous innovation in the production of low-energy lighting solutions.

MEGAMAN® MILESTONES



2016
Launched U-DIM™ technology, seamless dimming and compatible with the widest range of existing dimmers
Launched Hybrid Reflector technology offering excellent optics, efficacy and beam control
Introduction of Perfect White and *INGENIUM*® ZB technologies into TECOH® range

2015
Launched *INGENIUM*® ZB, a ZigBee compatible smart lighting system for smart living
Launched a full range of LED Luminaires
Expansion of TECOH® range with TECOH® APx

2014
Launched first smart lighting range, *INGENIUM*® BLU
Industry first full range of Dim to Warm LED products

2013
Integrated LED luminaires Introduced

2012
Patented LED module - TECOH® MHx
TECOH® CFx – World's first 2000lm Zhaga Book2 Certified Light Engine

2011
R9 technology introduced to LED range
The first NVLAP lab certification for LED products

2010
Launched the first MEGAMAN® LED Candle and Classic
International office for Professional Marketing opens in Europe

2009
Innovative Thermal Conductive Highway™ technology incorporated into MEGAMAN® LED reflectors
NVLAP lab certification for CFL products

2008
Amalgam technology is employed in full CFL range

2007
DIMMER*ABLE*® technology introduced to CFL range

2005
DorS technology introduced to CFL range
Industry first RoHS compliant CFL
MEGAMAN® goes global, selling lamps in over 90 countries

2004
INGENIUM® technology is introduced to CFL lamps for long life and short preheating time

2002
Industry first CFL GU10 reflector launched
Introduced Silicone Protection technology to CFL range

1999
Patented Cooling-Tube technology introduced to CFL range

1997
Industry first candle-shaped CFL launched

1996
Industry first classic-shaped CFL launched

1994
MEGAMAN® incorporated



ABOUT **MEGAMAN®**

Rigorous Quality and Management Systems

All MEGAMAN® products are designed, tested and produced in our own factories in Xiamen, China. Standards have been implemented factory-wide to ensure the MEGAMAN® manufacturing processes deliver innovative, reliable and safe products with high-quality standards now and in the future.

To ensure that MEGAMAN® products comply with the highest quality standards, company manufacturing plants are equipped with their own assembly lines. The in-house laboratory is ISO 17025 certified by CNAS and NVLAP, and is eligible to perform on-site testing for UL, Intertek and TUV marks.

The MEGAMAN® business runs under the most stringent management and quality systems. The green elements of the production process are maximised, employee welfare is prioritised and the company is socially responsible to the local community. To continually develop these areas, MEGAMAN® has undertaken a range of international accreditations. These include:

Quality Management System

MEGAMAN® lamps and luminaires are manufactured and certified to ISO 9001:2008, ISO 14001:2004, ISO 14064-1:2006, OHSAS 18001:1999, SA 8000:2008 and QC 080000:2005.

Corporate Social Responsibility

MEGAMAN® has received OHSAS 18001:1999 and SA 8000:2008, confirming the level of care for employees and reinforcing the company's pledge to be socially responsible.

Controlling the Use of Hazardous Substances

MEGAMAN® plants are QC 080000 certified, underlining the fact that company manufacturing processes are closely monitored to ensure ultimate control of hazardous substances

Product Quality Assurance

MEGAMAN® lamps and luminaires are made using premium quality materials and innovative technologies within stringent control measures, to deliver maximum performance and energy efficiencies.

CNAS NVLAP ISO 9001 ISO 14001

OHSAS 18001 SA 8000 QC080000

Innovative and Unique Products

With our patented LED design and technology, the MEGAMAN® LED luminaires and lamps are able to deliver superb performance, including low power consumption, excellent light output and low maintenance costs. They provide the highest quality lighting performance of any LED-based product on the market consuming the same power!

Entering a New Era in LED Lighting and Luminaire Solutions

Unique Features

Energy efficient replacement for traditional metal halide, CFL, halogen and incandescent luminaires

- Deliver superb lighting performance
- High luminous efficacy up to 109lm/W
- High lumen maintenance: rated lumen maintenance of 70% (L70) at up to 50,000 hours life
- High colour rendering up to Ra97
- High colour temperature consistency
- Long rated life up to 50,000 hours
- Simple installation and servicing
- High energy savings
- No UV and IR radiation

Additional Benefits

- Mercury-free
- Instant start-up
- Wide range of operating temperatures

Applications

- Hospitality
- Retail lighting
- Offices
- Residential
- Decorative
- Industrial
- Outdoor



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INDOOR LIGHTING/

Panel


MEGAMAN® BERTO 11


MEGAMAN® ESTELA 15

Pendant


MEGAMAN® GABIO 21


MEGAMAN® ARTCO PAR 25

Track Lighting

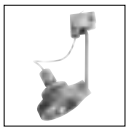

MEGAMAN® MARCO Mini MARCO Midi MARCO 30


MEGAMAN® MODENA 37

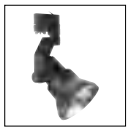

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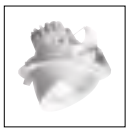

MEGAMAN® TONO 93

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Integrated LED luminaire

Fire Rated LED luminaire

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Integrated LED luminaire

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INDOOR LIGHTING/
Panel



MEGAMAN®
BERTO



MEGAMAN®
ESTELA

Integrated LED luminaire

MEGAMAN® BERTO









MEGAMAN® BERTO



MEGAMAN® BERTO

LED Panel

MEGAMAN® BERTO is an ultra slim integrated lighting solution that facilitates easy installation and maintenance. It delivers a high luminous efficacy up to 108lm/W – matching the lighting levels of 3 x 18W T8 and 3 x 24W HE T5 fluorescent modular fittings.

These luminaires have a long life and provide uniform light distribution for general lighting applications. The prismatic diffuser option with Unified Glare Rating (UGR) of ≤19 offers a high level of visual comfort and avoids fatigue to the eyes, ideal for use in offices, classrooms and corridors.

MEGAMAN® has incorporated a brand new technology, Tunable White, that offers LED panels with a colour changing and dimming feature which can be operated independently. The LED panels dim seamlessly from 100% down to 10% brightness, offering both great flexibility and reduced electricity costs when the luminaire is dimmed.

Features

- Flexible energy saving solution that delivers up to 108lm/W
- Similar light output to 3x18W T8 and 3 x 24W HE T5 fluorescent modular fittings
- Ultra slim integrated lighting solution facilitates easy installation and maintenance
- Prismatic diffuser options with UGR ≤19 is available to offer visual comfort and avoid fatigue to the eyes
- Wide beam angle, ideal for general lighting
- High light uniformity
- External driver required

UGR ≤19 | 50000 hrs | Up to 108 lm/W

Applications

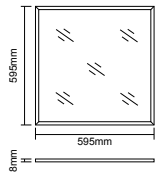
- Conference rooms
- Offices
- Classrooms
- Corridors

MEGAMAN® BERTO

FPL70400v0-ex / FPL70400v1-ex / FPL70400v2-ex



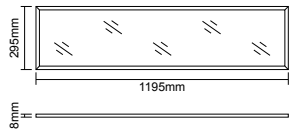
IP20 | Class III



FPL70500v0-ex



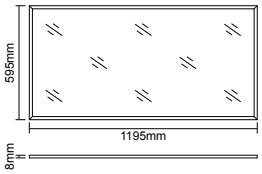
IP20 | Class III



FPL70600v0-ex / FPL70600v1-ex



IP20 | Class III



-30°C ~ +40°C | 120°

White (WH26)

Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated life at L70 B50 at Ta25°C (hrs)	Materials	Suggested Driver	Suggested Flicker-Free Driver (Flickering Ratio <3%)
FPL70400v0-ex	700	DC 35-39V	26W	2400 [3000K] 2600 [4000K] 2700 [6000K]	92 [3000K] 100 [4000K] 104 [6000K]	W595 x L595 x H8	3000K / 4000K / 6000K [≥Ra80]	50000	Aluminium housing + PMMA diffuser	LA11063 (non-dimmable) LA11072 (1-10V dimmable) LA11125 (DALI dimmable)	N/A
FPL70400v1-ex	1050	DC 32-36V	36W	3350 [3000K] 3600 [4000K] 3800 [6000K]	93 [3000K] 100 [4000K] 106 [6000K]	W595 x L595 x H8	3000K / 4000K / 6000K [≥Ra80]	50000	Aluminium housing + PMMA diffuser	LA11101 (non-dimmable) LA11118 (1-10V dimmable) LA11119 (DALI dimmable)	LA11122 (Non-dimmable) LA11123 (DALI dimmable)
FPL70400v2-ex	900	DC 43-48V	41W	3800 [3000K] 4100 [4000K] 4300 [6000K]	93 [3000K] 100 [4000K] 105 [6000K]	W595 x L595 x H8	3000K / 4000K / 6000K [≥Ra80]	50000	Aluminium housing + PMMA diffuser	LA11065 (non-dimmable) LA11070 (1-10V dimmable) LA11126 (DALI dimmable)	N/A
FPL70500v0-ex	1050	DC 32-36V	36W	3350 [3000K] 3600 [4000K] 3800 [6000K]	93 [3000K] 100 [4000K] 106 [6000K]	W295 x L1195 x H8	3000K / 4000K / 6000K [≥Ra80]	50000	Aluminium housing + PMMA diffuser	LA11101 (non-dimmable) LA11118 (1-10V dimmable) LA11119 (DALI dimmable)	LA11122 (Non-dimmable) LA11123 (DALI dimmable)
FPL70600v0-ex	900	DC 34-39V	32.5W	3000 [3000K] 3250 [4000K] 3400 [6000K]	92 [3000K] 100 [4000K] 105 [6000K]	W595 x L1195 x H8	3000K / 4000K / 6000K [≥Ra80]	50000	Aluminium housing + PMMA diffuser	LA11067 (non-dimmable) LA11068 (1-10V dimmable) LA11126 (DALI dimmable)	N/A
FPL70600v1-ex	1400	DC 34-39V	51W	4700 [3000K] 5100 [4000K] 5500 [6000K]	92 [3000K] 100 [4000K] 108 [6000K]	W595 x L1195 x H8	3000K / 4000K / 6000K [≥Ra80]	50000	Aluminium housing + PMMA diffuser	LA11066 (non-dimmable) LA11071 (1-10V dimmable) LA11127 (DALI dimmable)	N/A

Accessory

LA10025
4 wires suspension kit

LA10026
6 wires suspension kit

LA10029
Ceiling frame (for 595 x 595mm)

LA10097
Ceiling frame (for 620 x 620mm)

LA10031
Safety chain

LA11102
Surface mounted kits with 4 hook kits (for 595 x 595mm, and 620 x 620mm

LA11117
Surface mounted kit with 6 hook kits (for 1195 x 595mm, and 1195 x 295mm)

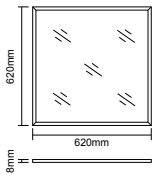
i Integrated LED luminaire

MEGAMAN® BERTO

FPL70800v0-ex /
FPL70900v0-ex+UGR19



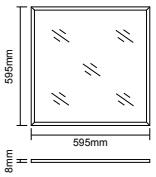
IP20 | Class III | UGR 19



FPL70300v0-ex+UGR19



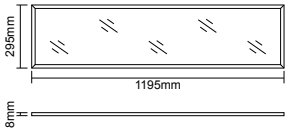
IP20 | Class III | UGR 19



FPL70700v0-ex+UGR19



IP20 | Class III



-30°C ~ +40°C | 120°

White (WH26)

Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated life at L70 B50 at Ta25°C (hrs)	Materials	Suggested Driver	Suggested Flicker-Free Driver (Flickering Ratio <3%)
FPL70800v0-ex	1050	DC 32-36V	36W	3350 [3000K] 3600 [4000K] 3800 [6000K]	93 [3000K] 100 [4000K] 106 [6000K]	W620 x L620 x H8	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium housing + PMMA diffuser	LA11101 (non-dimmable) LA11118 (1-10V dimmable) LA11119 (DALI dimmable)	LA11122 (Non-dimmable) LA11123 (DALI dimmable)
FPL70300v0-ex+UGR19	1050	DC 32-36V	36W	3350 [3000K] 3600 [4000K] 3800 [6000K]	93 [3000K] 100 [4000K] 106 [6000K]	W595 x L595 x H8	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium housing + PMMA diffuser	LA11101 (non-dimmable) LA11118 (1-10V dimmable) LA11119 (DALI dimmable)	LA11122 (Non-dimmable) LA11123 (DALI dimmable)
FPL70700v0-ex+UGR19	1050	DC 32-36V	36W	3350 [3000K] 3600 [4000K] 3800 [6000K]	93 [3000K] 100 [4000K] 106 [6000K]	W295 x L1195 x H8	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium housing + PMMA diffuser	LA11101 (non-dimmable) LA11118 (1-10V dimmable) LA11119 (DALI dimmable)	LA11122 (Non-dimmable) LA11123 (DALI dimmable)
FPL70900v0-ex+UGR19	1050	DC 32-36V	36W	3350 [3000K] 3600 [4000K] 3800 [6000K]	93 [3000K] 100 [4000K] 106 [6000K]	W620 x L620 x H8	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium housing + PMMA diffuser	LA11101 (non-dimmable) LA11118 (1-10V dimmable) LA11119 (DALI dimmable)	LA11122 (Non-dimmable) LA11123 (DALI dimmable)

Accessory

LA10025
4 wires suspension kit

LA10026
6 wires suspension kit

LA10029
Ceiling frame (for 595 x 595mm)

LA10097
Ceiling frame (for 620 x 620mm)

LA10031
Safety chain

LA11102
Surface mounted kits with 4 hook kits (for 595 x 595mm, and 620 x 620mm

LA11117
Surface mounted kit with 6 hook kits (for 1195 x 595mm, and 1195 x 295mm)

Integrated LED luminaire

MEGAMAN® ESTELA







MEGAMAN® ESTELA



MEGAMAN® ESTELA

LED Panel

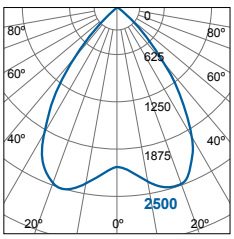
UGR ≤19 | 50000 hrs | Up to 117 lm/W | Flicker Free <3%

Features

- New generation of modular luminaires with distinct appearance
- Perfect replacements with similar light output for 3x24W HO T5 and 3x18W T8 modular fluorescent louvre fittings and an ideal alternative to LED panels
- Integrated switchable version facilitates easy installation and maintenance; while external driver version allows compatibility with DALI dimming drivers for linear dimming
- Designed to block direct glare with a good cut off for visual comfort, ideal where computer screens are in use
- Light weight (only 3.5kgs) for easy installation and transportation
- Simple design minimises buildup of dust for easy maintenance
- Mountable on both exposed T-bar and concealed T-bar ceilings (with additional mounting kit)
- Applications: offices, department stores and schools

Applications

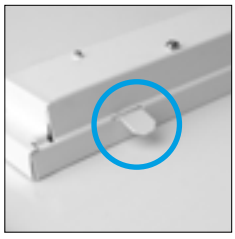
- Office
- Department stores
- Schools



Wide batwing photometric distribution for maximum uniformity



I-beam construction at the back plate for reinforcing the structural robustness and ensuring flatness of panel



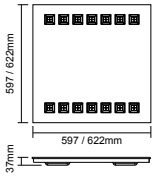
Interlocking system between the LED tray and metal plate

MEGAMAN® ESTELA

FPL62400v0 / FPL62400v0-ex /
FPL62600v0 / FPL62600v0-ex



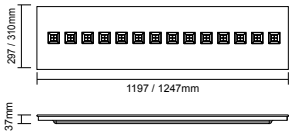
IP20 | UGR ≤19 | SDCM ≤4 | λ >0.9 | Class I | Flicker Free <3%



FPL62500v0 / FPL62500v0-ex /
FPL62700v0 / FPL62700v0-ex



IP20 | UGR ≤19 | SDCM ≤4 | λ >0.9 | Class I | Flicker Free <3%



220-240V

White (WH26)

Integrated Switchable Version

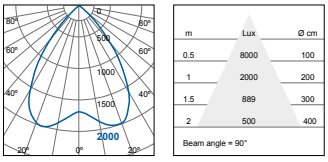
Model No.	System Wattage (W)	Luminous Flux (lm)	System Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Materials
FPL62400v0	30	3500	117	90	L597 x W597 x H37	4000K / 6500K [>Ra80]	50000	>0.9	Metal Housing
FPL62500v0	30	3500	117	90	L1197 x W297 x H37	4000K / 6500K [>Ra80]	50000	>0.9	Metal Housing
FPL62600v0	30	3500	117	90	L622 x W622 x H37	4000K / 6500K [>Ra80]	50000	>0.9	Metal Housing
FPL62700v0	30	3500	117	90	L1247 x W310 x H37	4000K / 6500K [>Ra80]	50000	>0.9	Metal Housing

White (WH26)

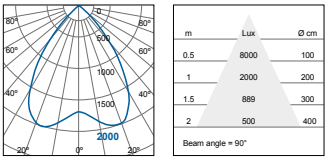
External driver version (Compatible with DALI dimming)

Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Materials
FPL62400v0-ex	800	DC 30-36V	27	3500	130	90	L597 x W597 x H37	4000K / 6500K [>Ra80]	50000	>0.9	Metal Housing
FPL62500v0-ex	800	DC 30-36V	27	3500	130	90	L1197 x W297 x H37	4000K / 6500K [>Ra80]	50000	>0.9	Metal Housing
FPL62600v0-ex	800	DC 30-36V	27	3500	130	90	L622 x W622 x H37	4000K / 6500K [>Ra80]	50000	>0.9	Metal Housing
FPL62700v0-ex	800	DC 30-36V	27	3500	130	90	L1247 x W310 x H37	4000K / 6500K [>Ra80]	50000	>0.9	Metal Housing

FPL62400v0 / FPL62400v0-ex
FPL62600v0 / FPL62600v0-ex



FPL62500v0 / FPL62500v0-ex
FPL62700v0 / FPL62700v0-ex





Accessory

LA10043
Surface mounted frame
for 1197 x 297m

Integrated LED luminaire





INDOOR LIGHTING/
LED Pendant Louvre



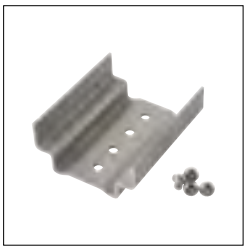
MEGAMAN®
GABIO

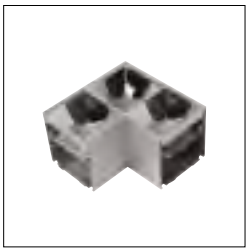
Integrated LED luminaire

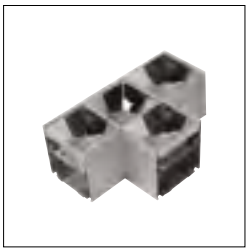
MEGAMAN® GABIO

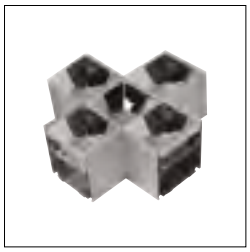












MEGAMAN® GABIO



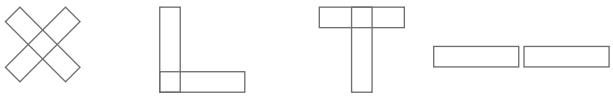
MEGAMAN® GABIO

Slim linear profile

MEGAMAN® GABIO is a linear system with an unobtrusive slim profile providing continuous lines of light. It has enormous flexibility that integrates seamlessly with architectural structures and it allows combinations of direct and indirect lighting. For the indoor working environment, employers are nowadays are not only asked to meet energy saving requirements, but also ensure the visual comfort of their employees. With its louvre cell design, MEGAMAN®GABIO provides direct lighting with a low glare rating of UGR <19 for high visual comfort and is an ideal solution for individual task lighting. The system can be interconnected with unique lit X,L & T junctions which conceal the joins completely for unbroken lines of light and design consistency.

Features

- New generation of slim aluminum linear profile fixtures with understated design fits any interior
- Louvre cell design with low glare rating for high visual comfort, ideal for individual task lighting
- Wide batwing light distribution and wide beam angle deliver high uniformity
- Built-in LED driver allows concealed power supply
- Different mounting methods to cater for different applications: surface-mount, suspension and recessed (with additional accessory kit)
- Modular system for linear series connection available by different joints
- Innovative X, L, T connectors with integrated LED louvre cells for continuous line of light, making junctions invisible



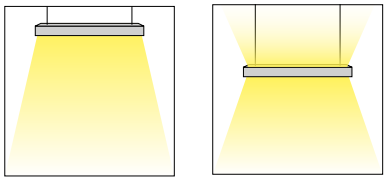
X-joint L-joint T-joint Linear-joint

UGR ≤19 | High Cut Off Angle | Up to 117 lm/W

50000 hrs | λ >0.9 | Tunable White

Applications

- Offices
- Schools
- Department stores
- Commercial applications



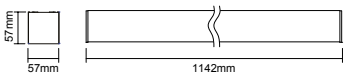
Direct lighting Direct-indirect lighting

MEGAMAN® GABIO

FLP70000v0 / FLP70000v1



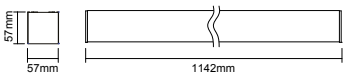
UGR ≤19 | λ >0.9 | Class I



FLP70000v1-da



UGR ≤19 | λ >0.9 | Class I | DALI



220-240V | IP20

Silver (SV61) | Black (BK81)

Direct Light Distribution

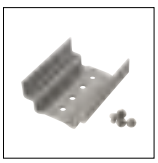
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Power Factor (λ)	Material
FLP70000v0	20	1900 [3000K] 2000 [4000K / 6500K]	95 [3000K] 100 [4000K / 6500K]	90	L1142 x W57 x H57	3000K / 4000K / 6500K [≥Ra80]	50000	N/A	>0.9	Aluminium
FLP70000v1	30	3300 [3000K] 3500 [4000K / 6500K]	110 [3000K] 117 [4000K / 6500K]	90	L1142 x W57 x H57	3000K / 4000K / 6500K [≥Ra80]	50000	N/A	>0.9	Aluminium
FLP70000v1-da	30	3300 [3000K] 3500 [4000K / 6500K]	110 [3000K] 117 [4000K / 6500K]	90	L1142 x W57 x H57	3000K / 4000K / 6500K [≥Ra80]	50000	DALI	>0.9	Aluminium

Accessory

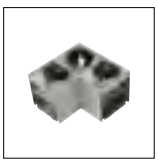
LA6004
Non-DALI version:
1.7m² x 0.75mm²
Transparent main supply wire

LA6005
Non-DALI version:
Square ceiling rose –
L80 x W80 x H38mm
(3-pole terminal)

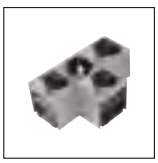
LA6006
2 x 1.5m suspension wire



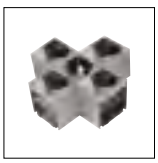
LA6007
Linear joint
L60 x W51 x H24mm



LA6008
L-joint
L93 x W54 x H56mm



LA6009
T-joint
L133 x W94 x H56mm



LA6010
X-joint
L133 x W133 x H56mm

LA6011
DALI version:
1.7m² x 0.75mm²
transparent main supply wire

LA6012
DALI version:
Square ceiling rose –
L80 x W80 x H25 mm
(4-pole terminal)

LA6013
Suspension kit
(Non-DALI version), including:
LA6004 + LA6005 + LA6006

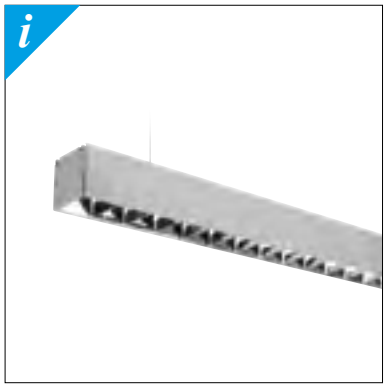
LA6014
Suspension kit
(DALI version), including:
LA6011 + LA6012 + LA6006

LA6015
Recessed mounting kit

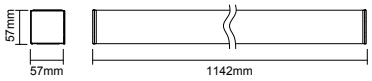
Integrated LED luminaire

MEGAMAN® GABIO

FLP70100v1-ss



UGR ≤19 | λ >0.9 | Class I | ON/OFF Switching

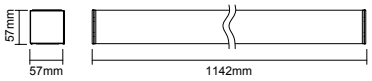


FLP70000v1-da/tw (Louvre)
FLP70200v1-da/tw (Diffuser)

Tunable White



UGR ≤19 | λ >0.9 | Class I | ON/OFF Switching



ON/OFF x1 = Direct Lighting

ON/OFF x2 = Indirect Lighting

ON/OFF x3 = Direct + Indirect Lighting

220-240V | IP20

Silver (SV61) | Black (BK81)

Direct-Indirect Light Distribution

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Power Factor (λ)	Material
FLP70100v1-ss	30	3300 (900 up / 2400 down) [3000K] 3500 (1000 up / 2500 down) [4000K / 6500K]	110 [3000K] 117 [4000K / 6500K]	90	L1142 x W57 x H57	3000K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Aluminium

Tunable White

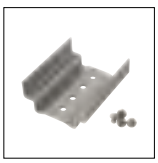
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta 25°C (hrs)	SCDM	IP Rating	Power Factor (λ)	Material
FLP70000v1-da/tw (Louvre)	30	2000 [2800K] 3500 [6500K]	67 [2800K] 117 [6500K]	90	L1142 x W57 x H57	2800K to 6500K [≥Ra80]	50000	≤4 (Overall)	IP20	>0.9	Aluminium
FLP70200v1-da/tw (Diffuser)											

Accessory

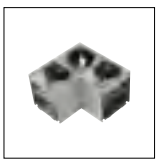
LA6004
Non-DALI version:
1.7m² x 0.75mm²
Transparent main supply wire

LA6005
Non-DALI version:
Square ceiling rose –
L80 x W80 x H38mm
(3-pole terminal)

LA6006
2 x 1.5m suspension wire

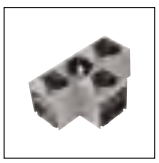


LA6007
Linear joint
L60 x W51 x H24mm



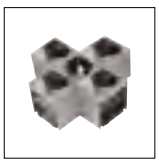
LA6008
L-joint
L93 x W54 x H56mm

LA6017
Tunable White L-joint
L93 x W54 x H56mm



LA6009
T-joint
L133 x W94 x H56mm

LA6018
Tunable White T-joint
L133 x W94 x H56mm



LA6010
X-joint
L133 x W133 x H56mm

LA6019
Tunable White X-joint
L133 x W133 x H56mm

LA6011
DALI version:
1.7m² x 0.75mm²
transparent main supply wire

LA6012
DALI version:
Square ceiling rose –
L80 x W80 x H25 mm
(4-pole terminal)

LA6013
Suspension kit
(Non-DALI version), including:
LA6004 + LA6005 + LA6006

LA6014
Suspension kit
(DALI version), including:
LA6011 + LA6012 + LA6006

LA6015
Recessed mounting kit

Integrated LED luminaire

MEGAMAN® ARTCO PAR



MEGAMAN® ARTCO PAR

Garden lighting

MEGAMAN® ARTCO PAR has a simple-structure and clean design for suspended lighting applications. It works with LED PAR38 reflectors to offer outstanding lighting performance with up to 25,000 hours service lifetime, perfect for the conventional halogen and metal halide replacement.

Features

- Designed for LED PAR38 to deliver powerful light output without the shortcomings of equivalent halogen or metal halide solutions
- Produces narrow to flood illumination
- ON/OFF switch and IP44 protection versions available

Applications

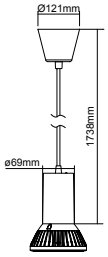
- Dining rooms
- Kitchens
- Market stalls
- Pantries

MEGAMAN® ARTCO PAR

F10314PD



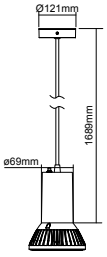
IP20 Class II



F10314PD+IP44



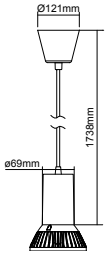
IP44 Class II



F11914PD



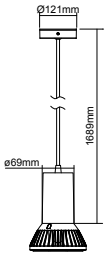
IP20 Class II



F11914PD+IP44



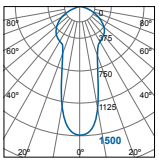
IP44 Class II

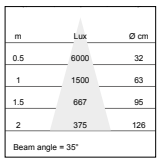


White (WH12) Silver (SV12) Black (BK12)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
F10314PD	20	Ø121 x H1738	LED PAR38	E27	Polypropylene compound
F10314PD+IP44	20	Ø121 x H1689	LED PAR38	E27	Polypropylene compound
F11914PD	20	Ø121 x H1738	LED PAR38	E27	Polypropylene compound
F11914PD+IP44	20	Ø121 x H1689	LED PAR38	E27	Polypropylene compound







Please refer to page 151 for more light source information



INDOOR LIGHTING/
Track Lighting



MEGAMAN®
MARCO Mini
MARCO Midi
MARCO



MEGAMAN®
MODENA



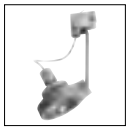
MEGAMAN®
MORA



MEGAMAN®
ALDA



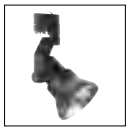
MEGAMAN®
TOBY



MEGAMAN®
CORRUNA



MEGAMAN®
ESTA



MEGAMAN®
LOFT



MEGAMAN®
MOSAIC



MEGAMAN®
REFLEXO



MEGAMAN®
CONXENTO

Integrated LED luminaire

MEGAMAN® MARCO









MEGAMAN® MARCO

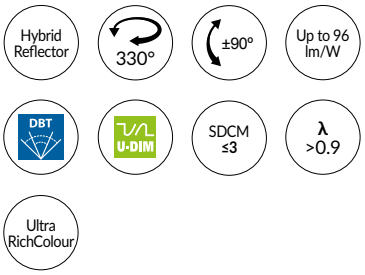


MEGAMAN® MARCO

Integrated LED tracklight

Features

- Compact LED track light with an understated classic design and concealed driver
- MARCO Mini for 75W halogen/ 20W CDM-Rm Replacement
- MARCO Midi for 35W Metal Halide / CDM-Rm Replacement
- MARCO 3500lm and 5000lm for 50W and 70W Metal Halide Replacement
- 3 beam options for use in a wide range of accent and display applications
- Excellent colour rendering index of 97 with MEGAMAN® Ultra RichColour option
- Interchangeable aluminium reflector for 25° or 45° for flexibility on site and less stock (MARCO 3500lm and 5000lm)
- Very efficient with efficacies up to 96lm/W
- High colour consistency SDCM≤3
- Long life of up to 50,000hrs at L70, B50 at Ta25°C
- A variety of light controlling accessories are available



Applications

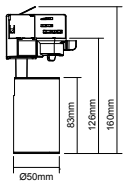
- Shop lighting
- Hotels
- Showrooms
- Restaurants
- Museums

MEGAMAN® MARCO Mini

FTK70000v0+012D / FTA70000v0+012D /
FTK70000v0+024D / FTA70000v0+024D /
FTK70000v0+036D / FTA70000v0+036D



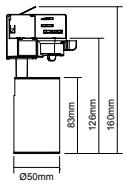
12° 24° 36° 330° 90° λ >0.9 Class II



FTK70000v0-ru+012D / FTA70000v0-ru+012D /
FTK70000v0-ru+024D / FTA70000v0-ru+024D /
FTK70000v0-ru+036D /FTA70000v0-ru+036D



12° 24° 36° 330° 90° λ >0.9 Class II Ra97

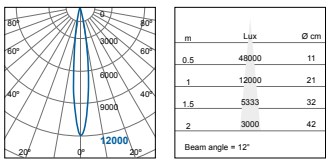


220-240V IP20 SCDM ≤3

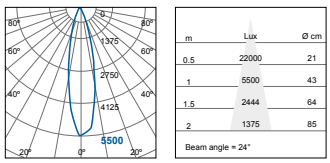
White (WH26) Silver (SV28) Black (BK24)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FTK70000v0+012D FTA70000v0+012D	12	900 [2800K] 950 [4000K]	75 [2800K] 79 [4000K]	12	12000	Ø50 x H160	2800K / 4000K [≥Ra80]	25000	>0.9	Aluminium
FTK70000v0+024D FTA70000v0+024D	12	950 [2800K] 1000 [4000K]	79 [2800K] 83 [4000K]	24	5500	Ø50 x H160	2800K / 4000K [≥Ra80]	25000	>0.9	Aluminium
FTK70000v0+036D FTA70000v0+036D	12	950 [2800K] 1000 [4000K]	79 [2800K] 83 [4000K]	36	2650	Ø50 x H160	2800K / 4000K [≥Ra80]	25000	>0.9	Aluminium
FTK70000v0-ru+012D FTA70000v0-ru+012D Ra97	12	720 [2800K] 760 [4000K]	60 [2800K] 63 [4000K]	12	9600	Ø50 x H160	2800K / 4000K [Ra97]	25000	>0.9	Aluminium
FTK70000v0-ru+024D FTA70000v0-ru+024D Ra97	12	750 [2800K] 800 [4000K]	63 [2800K] 67 [4000K]	24	4350	Ø50 x H160	2800K / 4000K [Ra97]	25000	>0.9	Aluminium
FTK70000v0-ru+036D FTA70000v0-ru+036D Ra97	12	750 [2800K] 800 [4000K]	63 [2800K] 67 [4000K]	36	2100	Ø50 x H160	2800K / 4000K [Ra97]	25000	>0.9	Aluminium

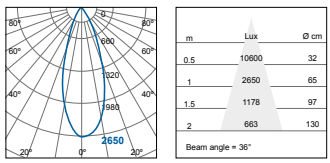
FTK70000v0+012D / FTA70000v0+012D



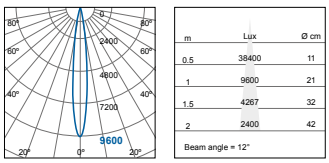
FTK70000v0+024D / FTA70000v0+024D



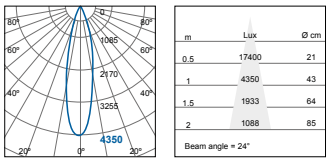
FTK70000v0+036D / FTA70000v0+036D



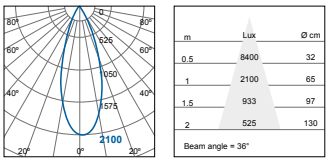
FTK70000v0-ru+012D / FTA70000v0-ru+012D



FTK70000v0-ru+024D / FTA70000v0-ru+024D



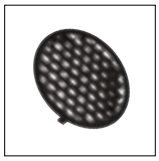
FTK70000v0-ru+036D /FTA70000v0-ru+036D



Accessory



LA10034
Honeycomb louvre for 24° and 36°



LA10087
Honeycomb louvre for 12°

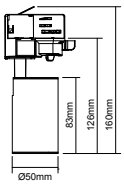
i Integrated LED luminaire

MEGAMAN® MARCO Mini

FTK70000v0+012D / FTA70000v0+012D /
FTK70000v0+024D / FTA70000v0+024D /
FTK70000v0+036D / FTA70000v0+036D



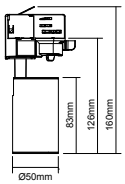
12° 24° 36° 330° 90° λ >0.9 Class II



FTK70000v0-ru+012D / FTA70000v0-ru+012D /
FTK70000v0-ru+024D / FTA70000v0-ru+024D /
FTK70000v0-ru+036D /FTA70000v0-ru+036D



12° 24° 36° 330° 90° λ >0.9 Class II Ra97

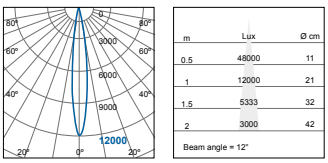


220-240V IP20 SCDM ≤3

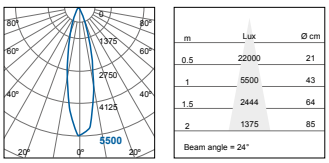
White (WH26) Silver (SV28) Black (BK24)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FTK70000v0-dm+012D FTA70000v0-dm+012D	12	900 [2800K] 950 [4000K]	75 [2800K] 79 [4000K]	12	12000	Ø50 x H160	2800K / 4000K [≥Ra80]	25000	>0.9	Aluminium
FTK70000v0-dm+024D FTA70000v0-dm+024D	12	950 [2800K] 1000 [4000K]	79 [2800K] 83 [4000K]	24	5500	Ø50 x H160	2800K / 4000K [≥Ra80]	25000	>0.9	Aluminium
FTK70000v0-dm+036D FTA70000v0-dm+036D	12	950 [2800K] 1000 [4000K]	79 [2800K] 83 [4000K]	36	2650	Ø50 x H160	2800K / 4000K [≥Ra80]	25000	>0.9	Aluminium
FTK70000v0-dm/ru+012D FTA70000v0-dm/ru+012D	12	720 [2800K] 760 [4000K]	60 [2800K] 63 [4000K]	12	9600	Ø50 x H160	2800K / 4000K [Ra97]	25000	>0.9	Aluminium
FTK70000v0-dm/ru+024D FTA70000v0-dm/ru+024D	12	750 [2800K] 800 [4000K]	63 [2800K] 67 [4000K]	24	4350	Ø50 x H160	2800K / 4000K [Ra97]	25000	>0.9	Aluminium
FTK70000v0-dm/ru+036D FTA70000v0-dm/ru+036D	12	750 [2800K] 800 [4000K]	63 [2800K] 67 [4000K]	36	2100	Ø50 x H160	2800K / 4000K [Ra97]	25000	>0.9	Aluminium

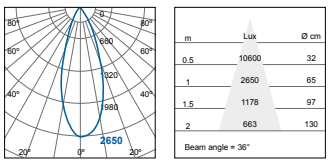
FTK70000v0-dm+012D / FTA70000v0-dm+012D



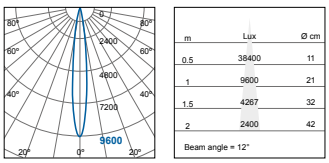
FTK70000v0-dm+024D / FTA70000v0-dm+024D



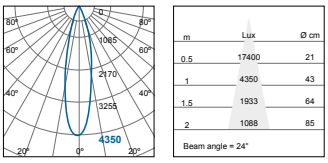
FTK70000v0-dm+036D / FTA70000v0-dm+036D



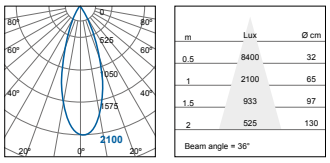
FTK70000v0-dm/ru+012D / FTA70000v0-dm/ru+012D



FTK70000v0-dm/ru+024D / FTA70000v0dm/ru+024D



FTK70000v0-dm/ru+036D /FTA70000v0-dm/ru+036D



Accessory



LA10034
Honeycomb louvre for 24° and 36°



LA10087
Honeycomb louvre for 12°

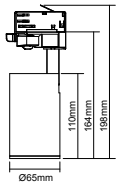
i Integrated LED luminaire

MEGAMAN® MARCO Midi

FTK70800v0+012D /
FTA70800v0+012D /
FTK70800v0-db+025D045D /
FTA70800v0-db+025D045D



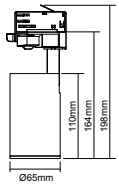
12° 25° 45° 330° 90° λ >0.9 Class II



FTK70800v0-ru+012D /
FTA70800v0-ru+012D
FTK70800v0-db/ru+025D045D /
FT170800v0-db/ru+025045D



12° 25° 45° 330° 90° λ >0.9 Class II Ra97



220-240V SCDM ≤3

White (WH26) Silver (SV28) Black (BK24)

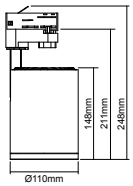
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta 25°C (hrs)	IP Rating	Power Factor (λ)	Material
FTK70800v0+012D FTA70800v0+012D	24	2000 [3000K] 2100 [4000K]	84 [3000K] 89 [4000K]	12	30000	Ø65 x H198	3000K / 4000K [≥Ra80]	50000	IP20	>0.9	Aluminium
FTK70800v0-db+025D045D DBT FTA70800v0-db+025D045D		2100 [3000K] 2200 [4000K]	88 [3000K] 92 [4000K]	25 / 45	11000 [25°] 4400 [45°]		3000K / 4000K [≥Ra80]				
FTK70800v0-ru+012D Ra97 FTA70800v0-ru+012D		1500 [3000K] 1600 [4000K]	63 [3000K] 67 [4000K]	12	23000		3000K / 4000K [Ra97]				
FTK70800v0-db/ru+025D045D DBT Ra97 FTA70800v0-db/ru+025D045D		1600 [3000K] 1700 [4000K]	67 [3000K] 71 [4000K]	25 / 45	8500 [25°] 3400 [45°]		3000K / 4000K [Ra97]				

MEGAMAN® MARCO

FTK70100v0+012D /
FTA70100v0+012D



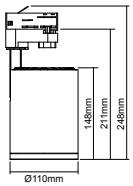
12° | 330° | 90° | λ >0.9 | Class II



FTK70100v0+025D /
FTA70100v0+025D



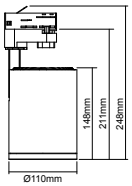
25° | 330° | 90° | λ >0.9 | Class II



FTK70100v0+045D /
FTA70100v0+045D



45° | 330° | 90° | λ >0.9 | Class II



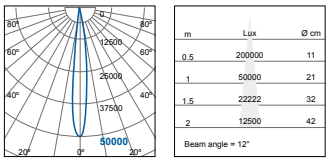
220-240V | IP20 | SCDM ≤3

White (WH26) | Silver (SV28) | Black (BK24)

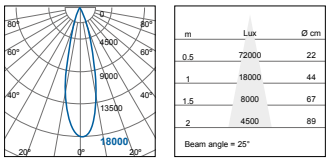
MEGAMAN® MARCO 3000lm

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FTK70100v0+012D FTA70100v0+012D	37	3100 [3000K] 3300 [4000K]	84 [3000K] 89 [4000K]	12	50000	Ø110 x H248	3000K / 4000K [≥Ra80]	50000	>0.9	Aluminium
FTK70100v0+025D FTA70100v0+025D	37	3300 [3000K] 3500 [4000K]	89 [3000K] 95 [4000K]	25	18000	Ø110 x H248	3000K / 4000K [≥Ra80]	50000	>0.9	Aluminium
FTK70100v0+045D FTA70100v0+045D	37	3300 [3000K] 3500 [4000K]	89 [3000K] 95 [4000K]	45	7000	Ø110 x H248	3000K / 4000K [≥Ra80]	50000	>0.9	Aluminium

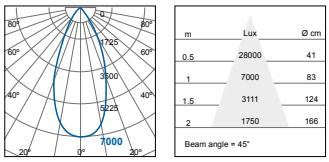
FTK70100v0+012D / FTA70100v0+012D



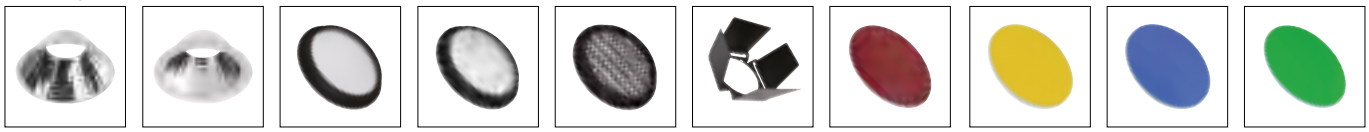
FTK70100v0+025D / FTA70100v0+025D



FTK70100v0+045D / FTA70100v0+045D



Accessory



LA3227	LA3228	LA10054	LA10055	LA10056	LA10057	LA10058	LA10059	LA10060	LA10061
25° Reflector	45° Reflector	Spread lens	Rectangular lens	Honeycomb louvre	Barn doors	Coloured filter (Red)	Coloured filter (Yellow)	Coloured filter (Blue)	Coloured filter (Green)

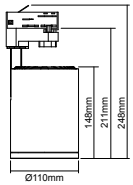
i Integrated LED luminaire

MEGAMAN® MARCO

FTK70100v0-ru+012D /
FTA70100v0-ru+012D



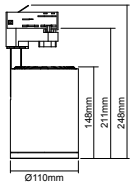
12° | 330° | 90° | λ >0.9 | Class II | Ra97



FTK70100v0-ru+025D /
FTA70100v0-ru+025D



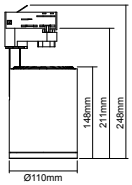
25° | 330° | 90° | λ >0.9 | Class II | Ra97



FTK70100v0-ru+045D /
TA70100v0-ru+045D



45° | 330° | 90° | λ >0.9 | Class II | Ra97



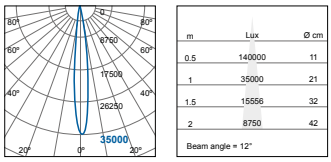
220-240V | IP20 | SCDM ≤3

White (WH26) | Silver (SV28) | Black (BK24)

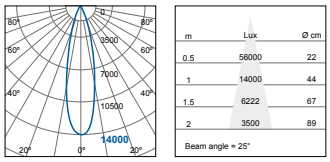
MEGAMAN® MARCO 3000lm | Ultra RichColour

Model No.		Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FTK70100v0-ru+012D FTA70100v0-ru+012D	Ra97	37	2400 [3000K] 2500 [4000K]	65 [3000K] 68 [4000K]	12	35000	Ø110 x H248	3000K / 4000K [Ra97]	50000	>0.9	Aluminium
FTK70100v0-ru+025D FTA70100v0-ru+025D	Ra97	37	2600 [3000K] 2700 [4000K]	70 [3000K] 73 [4000K]	25	14000	Ø110 x H248	3000K / 4000K [Ra97]	50000	>0.9	Aluminium
FTK70100v0-ru+045D FTA70100v0-ru+045D	Ra97	37	2600 [3000K] 2700 [4000K]	70 [3000K] 73 [4000K]	45	5400	Ø110 x H248	3000K / 4000K [Ra97]	50000	>0.9	Aluminium

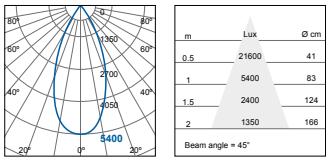
FTK70100v0-ru+012D / FTA70100v0-ru+012D



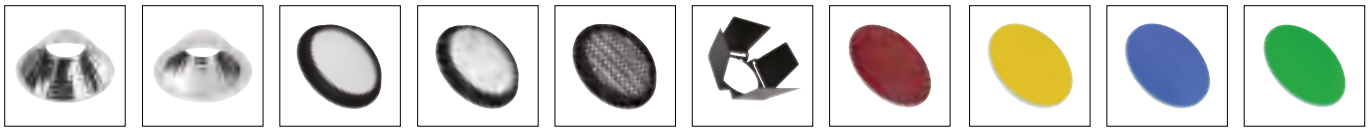
FTK70100v0-ru+025D / FTA70100v0-ru+025D



FTK70100v0-ru+045D / FTA70100v0-ru+045D



Accessory



LA3227
25° Reflector

LA3228
45° Reflector

LA10054
Spread lens

LA10055
Rectangular lens

LA10056
Honeycomb louvre

LA10057
Barn doors

LA10058
Coloured filter (Red)

LA10059
Coloured filter (Yellow)

LA10060
Coloured filter (Blue)

LA10061
Coloured filter (Green)

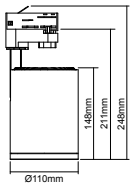
Integrated LED luminaire

MEGAMAN® MARCO

FTK70100v1+025D /
FTA70100v1+025D



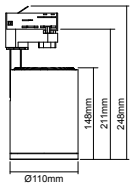
25° | 330° | 90° | λ >0.9 | Class II



FTK70100v1+045D /
FTA70100v1+045D



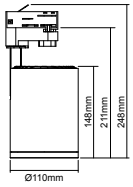
45° | 330° | 90° | λ >0.9 | Class II



FTK70100v1-ru+025D /
FTA70100v1-ru+025D /
FTK70100v1-ru+045D /
FTA70100v1-ru+045D



25° | 45° | 330° | 90° | λ >0.9 | Class II | Ra97



220-240V | IP20 | SCDM ≤3

White (WH26) | Silver (SV28) | Black (BK24)

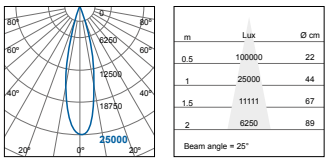
MEGAMAN® MARCO 5000lm

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FTK70100v1+025D FTA70100v1+025D	52	4800 [3000K] 5000 [4000K]	92 [3000K] 96 [4000K]	25	25000	Ø110 x H248	3000K / 4000K [≥Ra80]	50000	>0.9	Aluminium
FTK70100v1+045D FTA70100v1+045D	52	4800 [3000K] 5000 [4000K]	92 [3000K] 96 [4000K]	45	10000	Ø110 x H248	3000K / 4000K [≥Ra80]	50000	>0.9	Aluminium

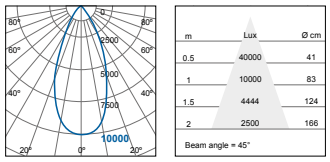
MEGAMAN® MARCO 5000lm | Ultra RichColour

Model No.		Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FTK70100v1-ru+025D FTA70100v1-ru+025D	Ra97	52	3700 [3000K] 3800 [4000K]	71 [3000K] 73 [4000K]	25	19000	Ø110 x H248	3000K / 4000K [Ra97]	50000	>0.9	Aluminium
FTK70100v1-ru+045D FTA70100v1-ru+045D	Ra97	52	3700 [3000K] 3800 [4000K]	71 [3000K] 73 [4000K]	45	7600	Ø110 x H248	3000K / 4000K [Ra97]	50000	>0.9	Aluminium

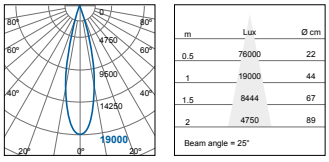
FTK70100v1+025D / FTA70100v1+025D



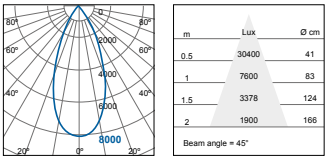
FTK70100v1+045D / FTA70100v1+045D



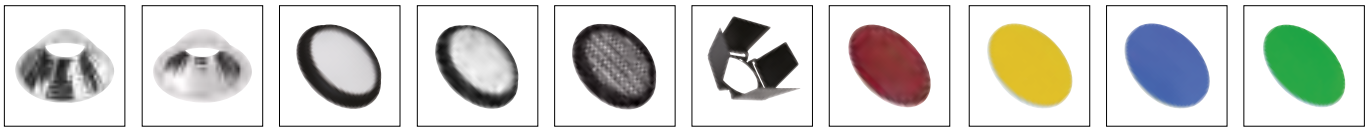
FTK70100v1-ru+025D / FTA70100v1-ru+025D



FTK70100v1-ru+045D / FTA70100v1-ru+045D



Accessory



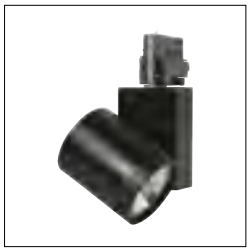
LA3227	LA3228	LA10054	LA10055	LA10056	LA10057	LA10058	LA10059	LA10060	LA10061
25° Reflector	45° Reflector	Spread lens	Rectangular lens	Honeycomb louvre	Barn doors	Coloured filter (Red)	Coloured filter (Yellow)	Coloured filter (Blue)	Coloured filter (Green)

i Integrated LED luminaire

MEGAMAN® MODENA







MEGAMAN® MODENA



MEGAMAN® MODENA

LED tracklight

MEGAMAN® MODENA is a range of LED track lights that offers excellent lighting performance which can be used to replace up to 70W metal halide. MEGAMAN® MODENA has an adjustable arm that can have ±90° vertical tilting angle and 330° horizontal rotation angle for multi-directional lighting. The aluminium reflector provides a clean and precise beam for accent lighting.

MEGAMAN® MODENA is designed for use with TECOH® RDx and TECOH® MHx LED modules to cater for a variety of different applications. Working with TECOH® RDx, MEGAMAN® MODENA delivers excellent lighting performance for up to 70W metal halide replacement. While working with TECOH® MHx, MEGAMAN® MODENA accentuates merchandising displays with low glare to ensure visual comfort.

To further enhance retail and general lighting applications, a new technology -– Perfect White is also available which excites the Fluorescent Whitening Agents (FWA) in white items to accentuate their appearance, ideal for eye-catching merchandising displays

Features

- Delivers powerful lighting performance of up to 89lm/W with only 27W power consumption – a perfect metal halide replacement
- Different beam angle options available for various applications
- Adjustable arm for multi-directional lighting: 330° horizontal rotation and ±90° vertical tilting angle
- Aluminium reflector providing clean and precise beams
- Perfect white option available – a new technology that intensifies and brightens white items
- Perfect white generates a new colour experience not only valuable for retail lighting, but it also accentuates commercial general lighting applications
- More compact version available for 20W and 35W metal halide replacement



Applications

- Shop lighting
- Restaurants
- Hotels
- Museums
- Showrooms

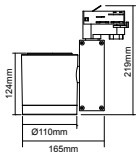
MEGAMAN® MODENA

F25349TK



25° 45° 330° ±90° Class II

λ >0.9 SDCM ≤3

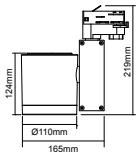


F25349TK-p



25° 45° 330° ±90° Class II

λ >0.9 SDCM ≤3

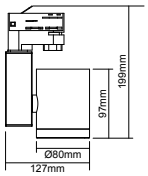


F28049TK



25° 45° 330° ±90° Class II

λ >0.9 SDCM ≤3

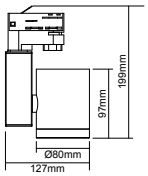


F28049TK-p



25° 45° 330° ±90° Class II

λ >0.9 SDCM ≤3

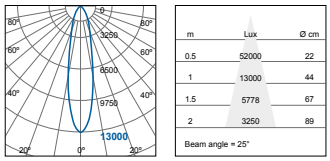


Ivory White (WH25) White (WH26) Silver (SV28) Black (BK24)

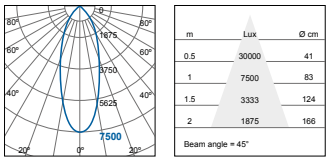
Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Light Source	Materials
F25349TK	220-240	55	4100 [3000K] 4500 [4000K]	75 [3000K] 82 [4000K]	Ø110 x L165 x H219	13000 [25°] 7500 [45°]	3000K / 4000K [Ra82]	50000	Dimmable[1]	TECOH® RDx RD0343M with input current 1400mA	Aluminium
F25349TK-p*	220-240	53	3100	58	Ø110 x L165 x H219	12000 [25°] 6000 [45°]	3000K / 4000K [Ra82]	50000	Dimmable[1]	TECOH® RDx RD0343M-p with input current 1050mA	Aluminium
F28049TK	220-240	27	2200 [3000K] 2400 [4000K]	81 [3000K] 89 [4000K]	Ø80 x L127 x H199	11000 [25°] 4000 [45°]	3000K / 4000K [Ra82]	50000	Dimmable[1]	TECOH® RDx RD0231M with input current 700mA	Aluminium
F28049TK-p*	220-240	29	1650	57	Ø80 x L127 x H199	5300 [25°] 3800 [45°]	3000K / 4000K [Ra82]	50000	Dimmable[1]	TECOH® RDx RD0231M-p with input current 700mA	Aluminium

Luminaire with LED Module TECOH® RDx RD0343M (1400mA)

F25349TK-25°

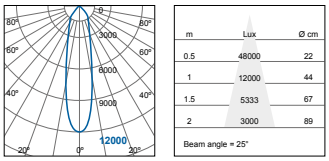


F25349TK-45°



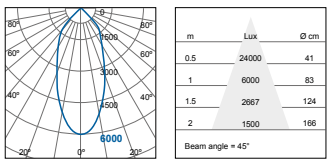
Luminaire with LED Module TECOH® RDx RD0343M-p (1050mA)

F25349TK-p-25°



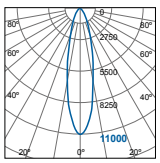
Luminaire with LED Module TECOH® RDx RD0343M-p (1050mA)

F25349TK-p-45°

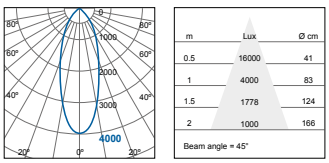


Luminaire with LED Module TECOH® RDx RD0231M (700mA)

F28049TK-25°

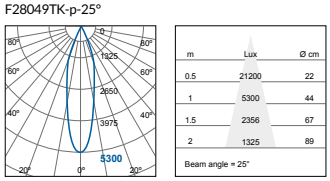


F28049TK-45°

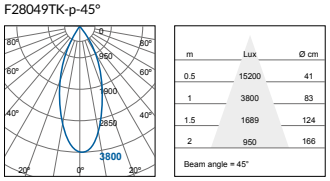


Luminaire with LED Module TECOH® RDx RD0231M-p (700mA)

F28049TK-p-25°



F28049TK-p-45°





Working with TECOH® RDx LED Module

Please refer to page 150 for more information on TECOH® RDx

* Preliminary data

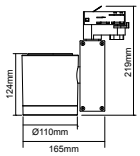
[1] Capable of linear dimming when working with DALI, DSI or 1-10V dimming driver, and the dimming performance depends on the specification of driver. Please contact us for details.

MEGAMAN® MODENA

F25343TK



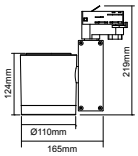
25° 35° 45° 330° ±90° Class II λ >0.9 SDCM ≤3



F25348TK



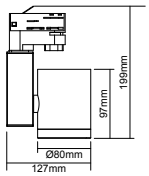
15° 330° ±90° Class II λ >0.9 SDCM ≤3



F28048TK



25° 45° 330° ±90° Class II λ >0.9 SDCM ≤3



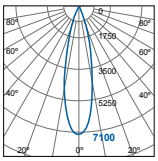
IP20

Ivory White (WH25) | White (WH26) | Silver (SV28) | Black (BK24)

Model No.	Wattage (W)	Dimension (mm)	Light Source	Materials
F25343TK	28	Ø110 x L165 x H219	TECOH® MHx MH0130 with input current 700mA	Aluminium
F25348TK	19	Ø110 x L165 x H219	TECOH® MHx MH0219 with input current 500mA	Aluminium
F28048TK	19	Ø80 x L127 x H199	TECOH® MHx MH0219 with input current 500mA	Aluminium

Luminaire with LED Module TECOH® MHx MH0130 (700mA)

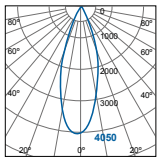
F25343TK-25°



m	Lux	Ø cm
0.5	28400	22
1	7100	44
1.5	3156	67
2	1775	89

Beam angle = 25°

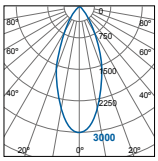
F25343TK-35°



m	Lux	Ø cm
0.5	16200	32
1	4050	63
1.5	1800	95
2	1013	126

Beam angle = 35°

F25343TK-45°

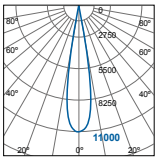


m	Lux	Ø cm
0.5	12000	41
1	3000	83
1.5	1333	124
2	750	166

Beam angle = 45°

Luminaire with LED Module TECOH® MHx MH0219 (500mA)

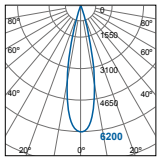
F25348TK-15°



m	Lux	Ø cm
0.5	44000	13
1	11000	26
1.5	4889	39
2	2750	53

Beam angle = 15°

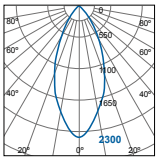
F28048TK-25°



m	Lux	Ø cm
0.5	24800	22
1	6200	44
1.5	2756	67
2	1550	89

Beam angle = 25°

F28048TK-45°



m	Lux	Ø cm
0.5	9200	41
1	2300	83
1.5	1022	124
2	575	166

Beam angle = 45°

Specification of MEGAMAN® LED module TECOH® MHx

Model No.	Input Current (mA)	Nominal Voltage (V)	Wattage (W)	Luminous Flux at Ta25°C (lm)	Luminous Efficacy at Ta25°C (lm/W)	Luminous Flux at Tc 75°C (lm)	Luminous Efficacy at Tc 75°C (lm/W)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Suggested LED Converter	Energy Label
MH0130	700	DC36V	24	3200 [3000K] 3500 [4000K]	133 [3000K] 146 [4000K]	2700 [3000K] 3000 [4000K]	113 [3000K] 125 [4000K]	3000K [Ra82] 4000K [Ra85]	50000	100-1%[1]	LD0424x1v-C700	A+
MH0219	500	DC34V	17	2000 [2800K] 2200 [4000K]	118 [2800K] 129 [4000K]	1700 [2800K] 1900 [4000K]	100 [2800K] 112 [4000K]	3000K [Ra82] 4000K [Ra85]	50000	100-1%[1]	LD0217x1v-C500	A+



Working with TECOH® MHx LED Module

Please refer to page 150 for more information on TECOH® MHx

Different reflectors options available



For F25243TK:
LA3102 - 25° Reflector
LA3103 - 35° Reflector
LA3104 - 45° Reflector



For F28048TK:
LA3106 - 25° Reflector
LA3124 - 45° Reflector



For F28049TK / F28049TK-p:
LA3125 - 25° Reflector
LA3126 - 45° Reflector

[1] Capable of linear dimming when working with DALI, DSI or 1-10V dimming driver, and the dimming performance depends on the specification of driver. Please contact us for details.

MEGAMAN® MORA



MEGAMAN® MORA

LED Tracklight

When utilizing the latest MEGAMAN®PAR16 LED reflector lamp technology with highly efficient optics, MEGAMAN®MORA is a very low energy track light compared with halogen sources. The upgraded construction of MEGAMAN®MORA also allows compatibility with most LED PAR16 lamps on the market. MEGAMAN®MORA has adjustable 90° tilt and 330° rotation angles, providing a cost effective multidirectional lighting solution ideal for common accent lighting applications.

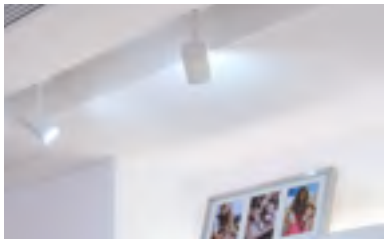
Features

- Compact serviceable GU10 tracklight
- Compatible to most of the market LED PAR16 Lamp
- Adjustable arm for multi-directional lighting: 330° horizontal rotation and 90° vertical tilting angle
- 3 circuit track adaptor as standard compatible with most 3 circuit systems
- 3-circuit and 1-circuit tracklight version are available
- Single phase track adaptor version available



Applications

- Shops and boutiques
- Hotels
- Restaurants
- Homes

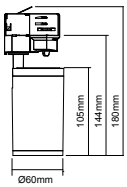


MEGAMAN® MORA

FTK70317v0 / FTA70317v0



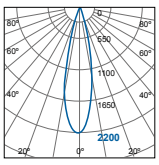
330° ±90° Class II



White (WH12)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
FTK70317v0	8	Ø60 x H180	LED PAR16	GU10	Polycarbonate
FTA70317v0	8	Ø60 x H163	LED PAR16	GU10	Polycarbonate





m	Lux	Ø cm
0.5	8800	21
1	2200	43
1.5	978	64
2	550	85

Beam angle = 24°

MEGAMAN® ALDA



MEGAMAN® ALDA

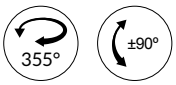
LED Tracklight

MEGAMAN® ALDA is a simple 3-circuit track fitting which is ideal for accent lighting applications, such as retail outlet, hotel, restaurant, gallery or residential applications. With a stylish finishing and an aluminium body, MEGAMAN® ALDA works with LED AR111 GU10 to deliver superb light output for halogen track lighting replacements.

MEGAMAN® ALDA is designed with fully adjustable head and arm rotation for multi-directional lighting applications: 355° rotation and +/-90° tilting angle.

Features

- With stylish finishing and aluminium body, MEGAMAN® ALDA works with LED AR111 GU10 for halogen track lighting replacements
- Fully adjustable head and arm rotation for multi-directional lighting applications: 355° rotation and +/-90° tilt angle
- 3 circuit track adaptor as standard compatible with most 3 circuit systems
- Asian track adaptor version available



Applications

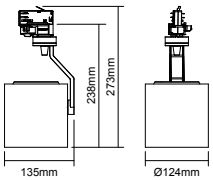
- Retail outlets
- Hotels
- Restaurants
- Galleries
- Residential applications

MEGAMAN® ALDA

F26817TA / F26817TK



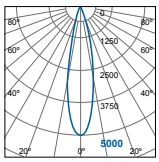
330° ±90° IP20 Class II



White (WH25) (WH26) Silver (SV28) Black (BK24)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
F26817TA	15	Ø124 x L135 x H240	LED AR111	GU10	Aluminium
F26817TK	15	Ø124 x L135 x H273	LED AR111	GU10	Aluminium

Max. 15W
LED AR111
GU10



m	Lux	Ø cm
0.5	20000	21
1	5000	43
1.5	2222	64
2	1250	85

Beam angle = 24°

Please refer to page 151 for more light source information

MEGAMAN® TOBY



MEGAMAN® TOBY

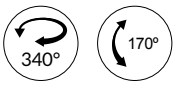
LED Tracklight

MEGAMAN® TOBY has a stylish finishing with aluminium material and uses an LED AR111 reflector to offer superb high lumen intensity and up to 40,000 hours service lifetime, which is perfect for the conventional halogen AR111 application replacement.

Designed for adjustable 340° rotation and 170° tilt angles, MEGAMAN® TOBY allows for multidirectional lighting. It is perfect for use in any retail outlet, hotel, restaurant, gallery or residential applications.

Features

- Designed to replace conventional halogen applications, MEGAMAN® TOBY uses a stylish finishing with aluminium material and works with LED AR111 to offer up to 40,000 hours service lifetime
- Flexible multi-directional lighting with adjustable 340° rotation and 170° tilt angles
- Track version has 3 circuit track adaptor as standard compatible with most 3 circuit systems
- Asian track adaptor version available



Applications

- Retail outlets
- Hotels
- Restaurants
- Galleries
- Residential applications



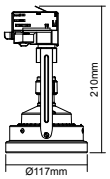


MEGAMAN® TOBY

F13117TK



340° 170° IP20 Class II

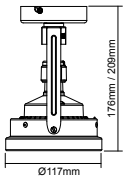


F13117SM / F13139SM



340° 170° IP20 Class II Class III

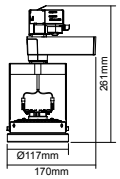
F13117SM F13139SM



F25139TK



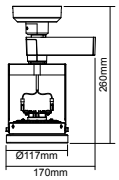
340° 170° IP20 Class III



F25139SM



340° 170° IP20 Class III



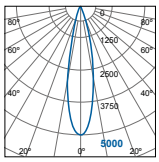
White (WH21) Silver (SV23) Black (BK21) Gold (GD21)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
F13117TK	15	Ø117 x H210	LED AR111	GU10	Steel
F13117SM	15	Ø117 x H176	LED AR111	GU10	Steel
F13139SM	11	Ø117 x H209	LED AR111	G53	Steel and Plastic
F25139TK	10	Ø117 x L170 x H261	LED AR111	G53	Steel and Plastic
F25139SM	10	Ø117 x L170 x H260	LED AR111	G53	Steel and Plastic



Max. 15W
LED AR111
GU10

F13117TK / F13117SM



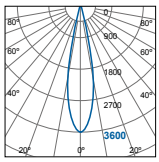
m	Lux	Ø cm
0.5	20000	21
1	5000	43
1.5	2222	64
2	1250	85

Beam angle = 24°



Max. 11W
LED AR111
G53

F13139SM



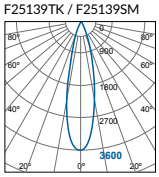
m	Lux	Ø cm
0.5	14400	21
1	3600	43
1.5	1600	64
2	900	85

Beam angle = 24°



Max. 10W
LED AR111
G53

F25139TK / F25139SM



m	Lux	Ø cm
0.5	14400	21
1	3600	43
1.5	1600	64
2	900	85

Beam angle = 24°

Please refer to page 151 for more light source information

MEGAMAN® CORRUNA



MEGAMAN® CORRUNA

Tracklight

MEGAMAN® CORRUNA is designed to replace conventional track lighting applications, it works with LED PAR16, PAR30 and AR111 reflectors to provide high quality lighting performance and up to 40,000 hours service lifetime. The simple construction and clean design of MEGAMAN® CORRUNA makes maintenance easier.

MEGAMAN® CORRUNA has an open design at the back that allows sufficient air flow for good ventilation. Its all-round rotation of 330° and 90° tilt angle are favourable for multi-directional lighting.

Features

- Designed to replace conventional track lighting applications, MEGAMAN® CORRUNA works with LED PAR16, PAR30 and AR111 reflectors to offer up to 40,000 hours service lifetime
- Simple-structure and clean design that makes maintenance easier
- Open design at the back allows sufficient air flow for good ventilation
- Offers an all-round rotation of 330° and 90° tilt angle
- 3 circuit track adaptor as standard compatible with most 3 circuit systems
- Asian track adaptor version available

Applications

- Retail outlets
- Hotels
- Restaurants
- Galleries
- Residential applications





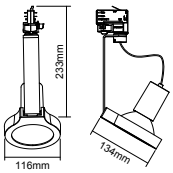


MEGAMAN® CORRUNA

F30415TA / F30415TK



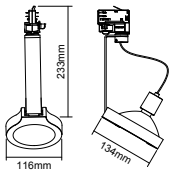
330° 90° IP20 Class II



F30417TK



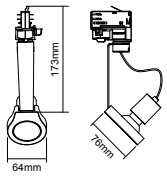
330° 90° IP20 Class II



F30517TK



330° 90° IP20 Class II



White (WH21)

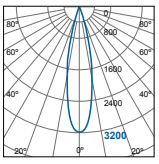
Silver (SV26)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
F30415TA	15	W134 x L116 x H200	LED PAR30	E27	Die-cast Aluminium
F30415TK	15	W134 x L116 x H233	LED PAR30	E27	Die-cast Aluminium
F30417TK	15	W134 x L116 x H233	LED AR111	GU10	Die-cast Aluminium
F30517TK	8	W76 x L64 x H173	LED PAR16	GU10	Die-cast Aluminium



Max. 15W
LED PAR30
E27

F30415TA / F30415TK



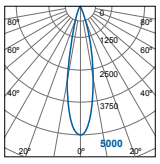
m	Lux	Ø cm
0.5	12800	21
1	3200	43
1.5	1422	64
2	800	85

Beam angle = 24°



Max. 15W
LED AR111
GU10

F30417TK



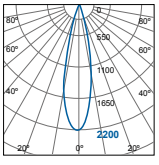
m	Lux	Ø cm
0.5	20000	21
1	5000	43
1.5	2222	64
2	1250	85

Beam angle = 24°



Max. 8W
LED PAR16
GU10

F30517TK



m	Lux	Ø cm
0.5	8800	21
1	2200	43
1.5	978	64
2	550	85

Beam angle = 24°

Please refer to page 151 for more light source information

MEGAMAN® ESTA









MEGAMAN® ESTA



MEGAMAN® ESTA

Integrated LED tracklight

MEGAMAN® ESTA integrated LED track lighting combines MEGAMAN®'s signature reflector design and patented Thermal Conductive Highway™ (TCH) technology to deliver high quality and comfortable lighting. It creates a controlled and soft but precise beam with a comfortable light output, which is desirable for accent lighting. With the excellent light output, MEGAMAN® ESTA is a perfect alternative for 50W halogen MR16 and PAR16, and 75W halogen AR111 track lightings.

MEGAMAN® ESTA has an adjustable arm for multi-directional lighting with 330° horizontal rotation and ±90° vertical tilting angle that can be easily adjusted to a desired angle after installation. It comes with various interchangeable decorative housing trims, which allows the user to customize the appearance and decorate their stores with a unique identity. MEGAMAN® ESTA boasts a number of cutting-edge features, including:

- MEGAMAN® patented design and Thermal Conductive Highway™ (TCH) technology to deliver high quality and comfortable lighting
- Excellent light output, perfect to replace 50W halogen MR16, PAR16 and 75W halogen AR111 track lightings
- Compact size with precise beam angle
- Minimalist and neutral design makes the most of MEGAMAN®'s signature reflector aesthetics and creates a stylish track lighting perfect for retail lighting
- Adjustable arm for multi-directional lighting: 330° horizontal rotation and ±90° vertical tilting angle
- Interchangeable decorative housing trims
- Integrated LED track light minimises components for a cost effective solution while still allowing complete flexibility of retrofit to the track
- 3 circuit track adaptor as standard compatible with most 3 circuit systems
- Asian track adaptor version available



Applications

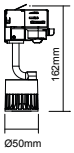
- Shops and boutiques
- Hotels
- Restaurants
- Galleries and museums
- Homes

MEGAMAN® ESTA

F27800TA / F27800TK / F27800TS



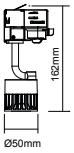
24° 36° 330° ±90° Class II



F27800TKv1



24° 36° 330° ±90° Class II

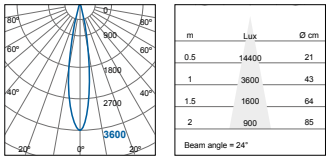


220-240V IP20

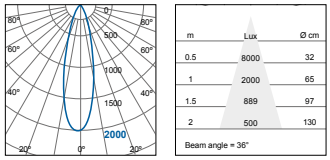
White (WH12) Silver (SV15) Black (BK12 - F27800TKv1)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Materials
F27800TA	8	550	69	Ø50 x H140	3600 [24°] 2000 [36°]	2800K [Ra82] 4000K [Ra85] 6500K [Ra85]	25000	Aluminium housing with diffuser
F27800TK	8	550	69	Ø50 x H162	3600 [24°] 2000 [36°]	2800K [Ra82] 4000K [Ra85] 6500K [Ra85]	25000	Aluminium housing with diffuser
F27800TS	8	550	69	Ø50 x H147	3600 [24°] 2000 [36°]	2800K [Ra82] 4000K [Ra85] 6500K [Ra85]	25000	Aluminium housing with diffuser
F27800TKv1 High Output	8	700	88	Ø50 x H162	4000 [24°] 2200 [36°]	2800K [Ra82] 4000K [Ra85]	25000	Aluminium housing with diffuser

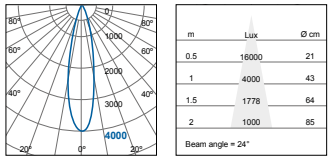
F27800TA / F27800TK / F27800TS -24°



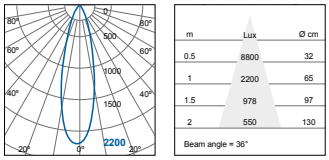
F27800TA / F27800TK / F27800TS -36°



F27800TKv1-24°



F27800TKv1-36°



Interchangeable decorative housing trims available

50W
Halogen MR16
Replacement



LA10010
Can Cover

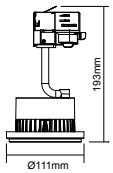
Integrated LED luminaire

MEGAMAN® ESTA

F27900TA / F27900TK





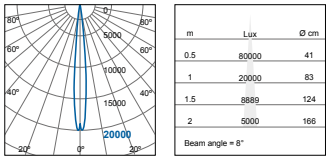


IP20

White (WH12) Silver (SV15) Black (BK12)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Materials
F27900TA	15	950	63	Ø111 x H171	20000 [8°] 5000 [24°] 2000 [45°]	2800K [Ra82] 4000K [Ra85]	40000	Aluminium housing with diffuser
F27900TK	15	950	63	Ø111 x H193	20000 [8°] 5000 [24°] 2000 [45°]	2800K [Ra82] 4000K [Ra85]	40000	Aluminium housing with diffuser

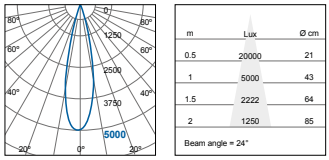
F27900TA / F27900TK -8°



m	Lux	Ø cm
0.5	80000	41
1	20000	83
1.5	8889	124
2	5000	166

Beam angle = 8°

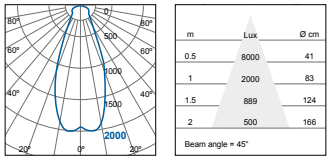
F27900TA / F27900TK -24°



m	Lux	Ø cm
0.5	20000	21
1	5000	43
1.5	2222	64
2	1250	85

Beam angle = 24°

F27900TA / F27900TK -45°



m	Lux	Ø cm
0.5	8000	41
1	2000	83
1.5	889	124
2	500	166

Beam angle = 45°

Interchangeable decorative housing trims available

75W
Halogen AR111
Replacement



LA10009
Oval Cover



LA10008
Gold Colour Cover
(GD41)



LA10008
White Colour Cover
(WH12)

Integrated LED luminaire

MEGAMAN® LOFT



MEGAMAN® LOFT

LED Tracklight





MEGAMAN® LOFT is designed for use with LED PAR20, PAR30, PAR38 and AR111 reflectors to replace halogen, track lights – delivering superb lighting performance with up to 25,000 hours lifetime

MEGAMAN® LOFT comes with an adjustable arm; it allows 330° rotation and 200° or 250° tilt angles depending on the models selected, which is ideal for multi-directional lighting. It offers visual comfort with minimal glare and two installation methods.

Features

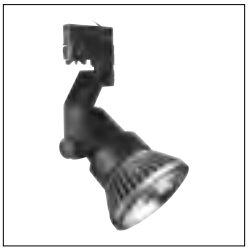
- Designed for LED PAR20, PAR30, PAR38 and AR111 (with GU10 lamp base) reflectors to offer excellent light output and up to 25,000 hours lifetime
- Offers visual comfort with minimal glare
- With an adjustable arm for multi-directional lighting: 330° rotation and 200° or 250° tilt angles, depending on the models selected
- Offers two installation methods: track and surface mounted
- Track version has 3 circuit track adaptor as standard compatible with most 3 circuit systems
- Asian track adaptor version available

Applications

- Shops
- Galleries
- Museums
- Wall lighting





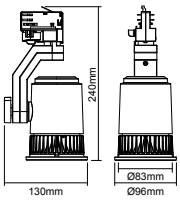


MEGAMAN® LOFT

F12601TK



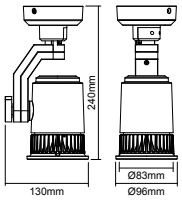
330° 250° IP20 Class II



F12601SM



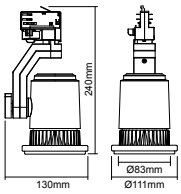
330° 250° IP20 Class II



F12617TK



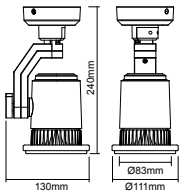
330° 250° IP20 Class II



F12617SM



330° 250° IP20 Class II

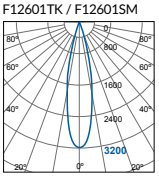


White (WH12) Silver (SV22) Black (BK12)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
F12601TK	15	Ø96 x W130 x H240	LED PAR30	E27	Polypropylene compound
F12601SM	15	Ø96 x W130 x H240	LED PAR30	E27	Polypropylene compound
F12617TK	15	Ø96 x W130 x H240	LED AR111	GU10	Polypropylene compound
F12617SM	15	Ø96 x W130 x H240	LED AR111	GU10	Polypropylene compound

Max. 15W
LED PAR30
E27

F12601TK / F12601SM

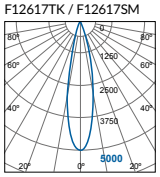


m	Lux	Ø cm
0.5	12800	21
1	3200	43
1.5	1422	64
2	800	85

Beam angle = 24°

Max. 15W
LED AR111
GU10

F12617TK / F12617SM



m	Lux	Ø cm
0.5	20000	21
1	5000	43
1.5	2222	64
2	1250	85

Beam angle = 24°

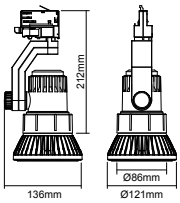
Please refer to page 151 for more light source information

MEGAMAN® LOFT

L0601TK



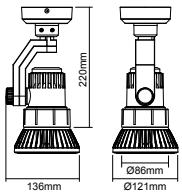
330° 200° IP20 Class II



L0601CL



330° 200° IP20 Class II

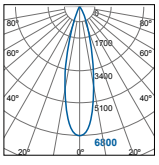


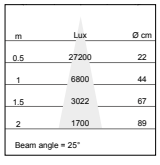
White (WH12) Silver (SV12) Silver (SV22) Black (BK12)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
L0601TK	23	Ø121 x W136 x H212	LED PAR38	E27	Polypropylene compound
L0601CL	23	Ø121 x W136 x H220	LED PAR38	E27	Polypropylene compound



L0601TK / L0601CL





Please refer to page 151 for more light source information


$220

MEGAMAN® MOSAIC



MEGAMAN® MOSAIC

LED Tracklight

MEGAMAN® MOSAIC is a compact adjustable fitting for use with LED PAR16 and MR16 reflectors to replace halogen in accent lighting applications – offering excellent light output with up to 25,000 hours lifetime.

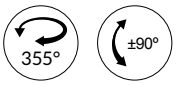
With adjustable 330° rotation and 90° tilt angles, MEGAMAN® MOSAIC provides a flexible multidirectional lighting solution that is ideal for accent lighting applications. MEGAMAN® MOSAIC offers visual comfort with minimal glare.

Features

- Flexible multi-directional lighting: adjustable 330° rotation and 90° tilt angle, Ideal for use in galleries, restaurants, showrooms, hotels, retail outlets, reception areas, etc.
- Offers visual comfort with minimal glare
- Adjustable lamp holder for easy installation
- Offers two installation methods: track and surface mounted
- Track version has 3 circuit track adaptor as standard compatible with most 3 circuit systems
- Asian track adaptor version available







Applications

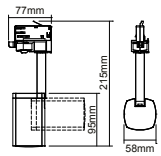
- Galleries
- Restaurants
- Showrooms
- Hotels
- Retail outlets
- Reception areas

MEGAMAN® MOSAIC

F11517TA / F11517TK



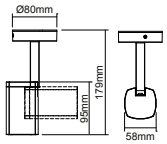
330° ±90° IP20 Class II



F11517SM



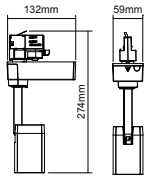
330° ±90° IP20 Class II



F22241TK



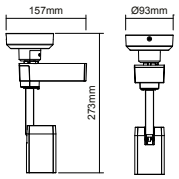
330° ±90° IP20 Class III



F22241SM



330° 90° IP20 Class III

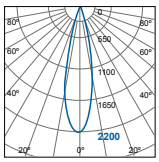


White (WH12) Silver (SV22) Black (BK12)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
F11517TA	14	W58 x L77x H193	LED PAR16	GU10	Polycarbonate
F11517TK	14	W58 x L77x H215	LED PAR16	GU10	Polycarbonate
F11517SM	14	W58 x Ø80 x H179	LED PAR16	GU10	Polycarbonate
F22241TK	10	W59 x L132 x H274	LED MR16	GU5.3	Polycarbonate
F22241SM	10	Ø93 x L157 x H273	LED MR16	GU5.3	Polycarbonate

Max. 8W
LED PAR16
GU10

F11517TA / F11517TK / F11517SM

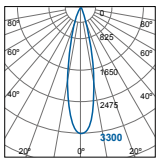


m	Lux	Ø cm
0.5	8800	21
1	2200	43
1.5	978	64
2	550	85

Beam angle = 24°

Max. 10W
LED MR16
GU5.3

F22241TK / F22241SM



m	Lux	Ø cm
0.5	13200	21
1	3300	43
1.5	1467	64
2	825	85

Beam angle = 24°

Please refer to page 151 for more light source information



INDOOR LIGHTING/
Bulkhead



MEGAMAN®
RENZO

Integrated LED luminaire

MEGAMAN® RENZO











MEGAMAN® RENZO



MEGAMAN® RENZO

Integrated LED bulkhead

MEGAMAN® RENZO is an energy efficient integrated surface mounted LED luminaire with a wide range of lumen packages for a perfect alternative to traditional wall-mounted compact fluorescent luminaires (alternative for 1x18W up to 2x26W CFL). It comes with an opal PMMA diffuser that delivers evenly distributed lighting and visual comfort.

A built-in microwave motion sensor option is available. MEGAMAN® RENZO with microwave motion sensor turns the light on when entering and leaving the room.

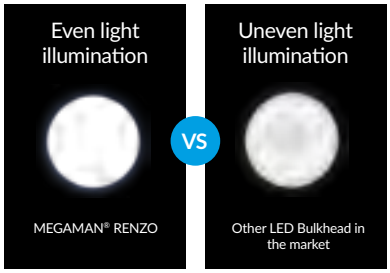
Features

- Higher output and larger sizes; Ø390mm with 2000lm and Ø496mm with 2700lm have been introduced to enhance the product range
- Extended wide range of lumen packages for direct alternatives to traditional wall and ceiling mounted luminaires (replacing CFL from 1x18W up to 2x26W, as well as 2D 16W and 28W)
- The built-in microwave motion sensor option uses low power microwave signals, which detect people moving, perfect for stairwell and walkway applications
- Unobtrusive and understated design for all situations
- Opal PMMA diffuser for an evenly distributed light and visual comfort and resistant to oil-laden atmospheres
- Two diffuser options are available now – flat diffuser and domed diffuser
- Suitable for wall-mount and ceiling-mount, ideal for solid surfaces

IP44 | Up to 91 lm/W | 50000 hrs | Microwave Motion Sensor

Applications

- Hotels
- Bathrooms
- Kitchens
- Corridors
- Residential applications



Emergency Option

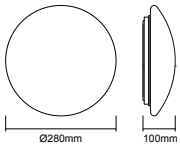
- Maintains 3 hours emergency mode at no less than 200lm lumen level ensure that people have sufficient time for escape to safety area
- A green LED indicates the status of the emergency unit for visual inspection and maintenanceFully compliant to the emergency lighting standard EN 60598-2-22
- Replaceable NiCd battery pack for 4-years designed life according to Annex A, EN 60598-2-22

MEGAMAN® RENZO

FCL50500v0-zb/dm+IP44



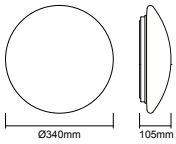
IP44 | λ >0.9 | Class I



FCL5600v0-zb/dm+IP44



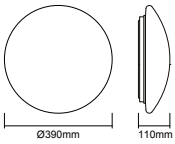
IP44 | λ >0.9 | Class I



FCL50700v1-zb/dm+IP44 / FCL50700v2-zb/dm+IP44



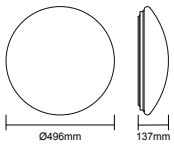
IP44 | λ >0.9 | Class I



FCL63300v1-zb/dm+IP44



IP44 | λ >0.9 | Class I



220-240V

White (WH26)

RENZO DIM

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	IP Rating	Power Factor (λ)	Dimmable	Material
FCL50500v0-zb/dm+IP44	10.5	800	76	110	Ø280 x H100	3000K / 4000K [>Ra80]	50000	IP44	>0.9	100-10%	Steel housing with PMMA diffuser
FCL50600v1-zb/dm+IP44	13.5	1100	81		Ø340 x H105						
FCL50700v1-zb/dm+IP44	23W	2000	87		Ø390 x H110						
FCL50700v2-zb/dm+IP44	17W	1400	82		Ø390 x H110						
FCL63300v1-zb/dm+IP44	32.5W	2700	83		Ø496 x 134						

ingenium® ZB

RENZO DIM

- All the features of the popular RENZO Bulkheads but Integrated with the latest ZigBee technologies
- Utilizes the *INGENIUM*® ZB Smart Control Platform;
- Scalable and Interoperable Smart Lighting System for high-end applications
- Easy to use – scenes mode and individual control is available
- Convenient to control via remote, smart phone or tablet
- Easy to add or remove products without control system rewiring
- Compatible with common ZigBee® equipped super gateways
- Integrates with existing home automation systems.
- Suitable for wall and ceiling mounting, ideal for solid surfaces
- Applications: hotels, bathrooms, kitchens, corridors, and residential applications

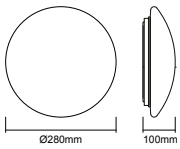
Integrated LED luminaire

MEGAMAN® RENZO

F50500SM / F50500SM+IP44 /
F50500SM-H / F50500SM-H+IP44 /



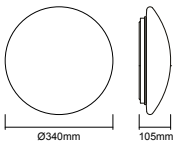
IP20 | IP44 | Class I



F50600SM / F50600SM+IP44 /
F50600SM-H / F50600SM-H+IP44



IP20 | IP44 | Class I

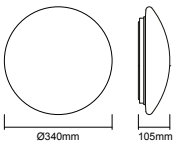


F50600SM-r+IP44

Microwave Motion Sensor



IP44 | Class I

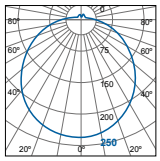


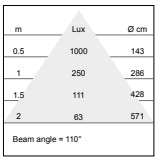
220-240V

White (WH26)

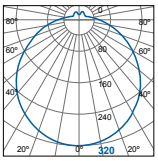
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	IP Rating	Material
F50500SM	10.5	800	76	110	Ø280 x H100	3000K / 4000K [Ra80]	50000	>0.5	IP20	Metal housing with PMMA diffuser
F50500SM+IP44	10.5	800	76	110	Ø280 x H100	3000K / 4000K [Ra80]	50000	>0.5	IP44	Metal housing with PMMA diffuser
F50500SM-H	10.5	800	76	110	Ø280 x H100	3000K / 4000K [Ra80]	50000	>0.9	IP20	Metal housing with PMMA diffuser
F50500SM-H+IP44	10.5	800	76	110	Ø280 x H100	3000K / 4000K [Ra80]	50000	>0.9	IP44	Metal housing with PMMA diffuser
F50600SM	14.5	1100	76	110	Ø340 x H105	3000K / 4000K [Ra80]	50000	>0.5	IP20	Metal housing with PMMA diffuser
F50600SM+IP44	14.5	1100	76	110	Ø340 x H105	3000K / 4000K [Ra80]	50000	>0.5	IP44	Metal housing with PMMA diffuser
F50600SM-r+IP44	15.5	1100	71	110	Ø340 x H105	3000K / 4000K [Ra80]	50000	>0.5	IP44	Metal housing with PMMA diffuser
F50600SM-H	14.5	1100	76	110	Ø340 x H105	3000K / 4000K [Ra80]	50000	>0.9	IP20	Metal housing with PMMA diffuser
F50600SM-H+IP44	14.5	1100	76	110	Ø340 x H105	3000K / 4000K [Ra80]	50000	>0.9	IP44	Metal housing with PMMA diffuser

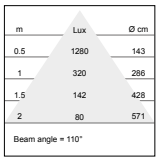
F50500SM / F50500SM+IP44 / F50500SM-H /
F50500SM-H+IP44 /





F50600SM / F50600SM+IP44 / F50600SM-r+IP44 /
F50600SM-H / F50600SM-H+IP44





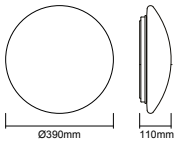
Integrated LED luminaire

MEGAMAN® RENZO

F50700SM / F50700SM+IP44 / F50700SM-H+IP44 / FCL50700v1 / FCL50700v1+IP44



IP20 | IP44 | Class I

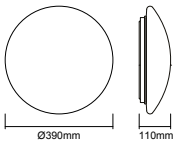


F50700SM-r+IP44 / FCL50700v1-ms+IP44

Microwave Motion Sensor



IP44 | Class I

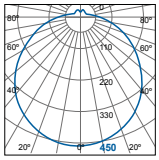


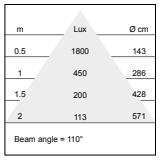
220-240V

White (WH26)

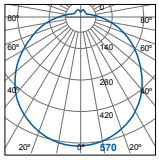
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	IP Rating	Material
F50700SM	18.5	1400	76	110	Ø390 x H110	3000K / 4000K [Ra80]	50000	>0.5	IP20	Metal housing with PMMA diffuser
F50700SM+IP44	18.5	1400	76	110	Ø390 x H110	3000K / 4000K [Ra80]	50000	>0.5	IP44	Metal housing with PMMA diffuser
F50700SM-H+IP44	18.5	1400	76	110	Ø390 x H110	3000K / 4000K [Ra80]	50000	>0.9	IP44	Metal housing with PMMA diffuser
F50700SM-r+IP44	19.5	1400	72	110	Ø390 x H110	3000K / 4000K [Ra80]	50000	>0.5	IP44	Metal housing with PMMA diffuser
FCL50700v1	22	2000	91	110	Ø390 x H110	3000K / 4000K [Ra80]	50000	>0.9	IP20	Metal housing with PMMA diffuser
FCL50700v1+IP44	22	2000	91	110	Ø390 x H110	3000K / 4000K [Ra80]	50000	>0.9	IP44	Metal housing with PMMA diffuser
FCL50700v1-ms+IP44	23	2000	87	110	Ø390 x H110	3000K / 4000K [Ra80]	50000	>0.7	IP44	Metal housing with PMMA diffuser

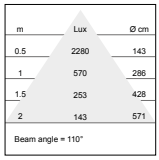
F50700SM / F50700SM+IP44 / F50700SM-H+IP44 / F50700SM-r+IP44





FCL50700v1 / FCL50700v1+IP44 / FCL50700v1-ms+IP44





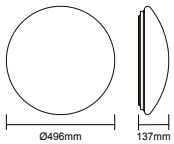
Integrated LED luminaire

MEGAMAN® RENZO

FCL63300v0 / FCL63300v0+IP44



IP20 | IP44 | λ >0.9 | Class I

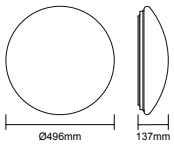


FCL63300v0-ms

Microwave Motion Sensor



IP44 | λ >0.9 | Class I

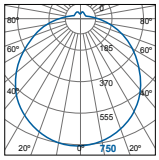


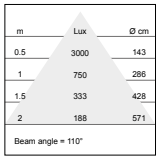
220-240V

White (WH26)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	IP Rating	Material
FCL63300v0	31.5	2700	86	110	Ø496 x H137	3000K / 4000K [Ra80]	50000	>0.9	IP20	Metal housing with PMMA diffuser
FCL63300v0+IP44	31.5	2700	86	110	Ø496 x H137	3000K / 4000K [Ra80]	50000	>0.9	IP44	Metal housing with PMMA diffuser
FCL63300v0-ms+IP44	32.5	2700	83	110	Ø496 x H137	3000K / 4000K [Ra80]	50000	>0.9	IP44	Metal housing with PMMA diffuser

FCL63300v0 / FCL63300v0+IP44 / FCL63300v0-ms+IP44





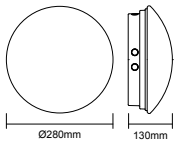
Integrated LED luminaire

MEGAMAN® RENZO

FCL71000v0-em/hp



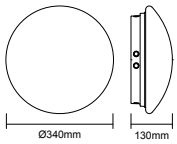
IP44 | Class II | 3h



FCL53600v0-em/hp



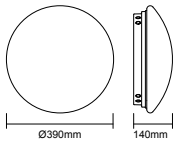
IP44 | Class II | 3h



FCL71100v0-em/hp



IP44 | Class II | 3h



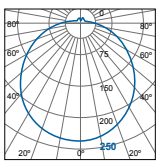
220-240V | -10 ~ +40°C

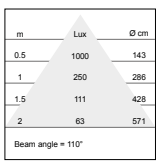
White (WH26)

Emergency Option

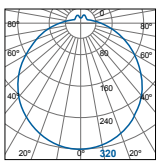
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Power Factor (λ)	Material
FCL71000v0-em/hp [1]	13.5	800	59	110	Ø280 x H130	3000K / 4000K [≥Ra80]	25000	>0.7	Metal housing with PMMA diffuser
FCL53600v0-em/hp [1]	16.5	1100	67	110	Ø340 x H130	3000K / 4000K [≥Ra80]	25000	>0.7	Metal housing with PMMA diffuser
FCL71100v0-em/hp [1]	21.5	1400	65	110	Ø390 x H140	3000K / 4000K [≥Ra80]	25000	>0.7	Metal housing with PMMA diffuser

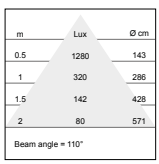
FCL71000v0-em/hp



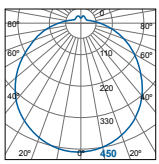


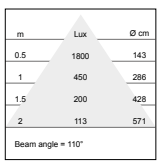
FCL53600v0-em/hp





FCL71100v0-em/hp





Accessory



LA11104
NiCd Battery
2000mAh 7.2V

[1] Please feedback to our Product and Marketing teams for countries with different building codes, fire regulations and requirements.

Integrated LED luminaire





INDOOR LIGHTING/
Wall Lamp



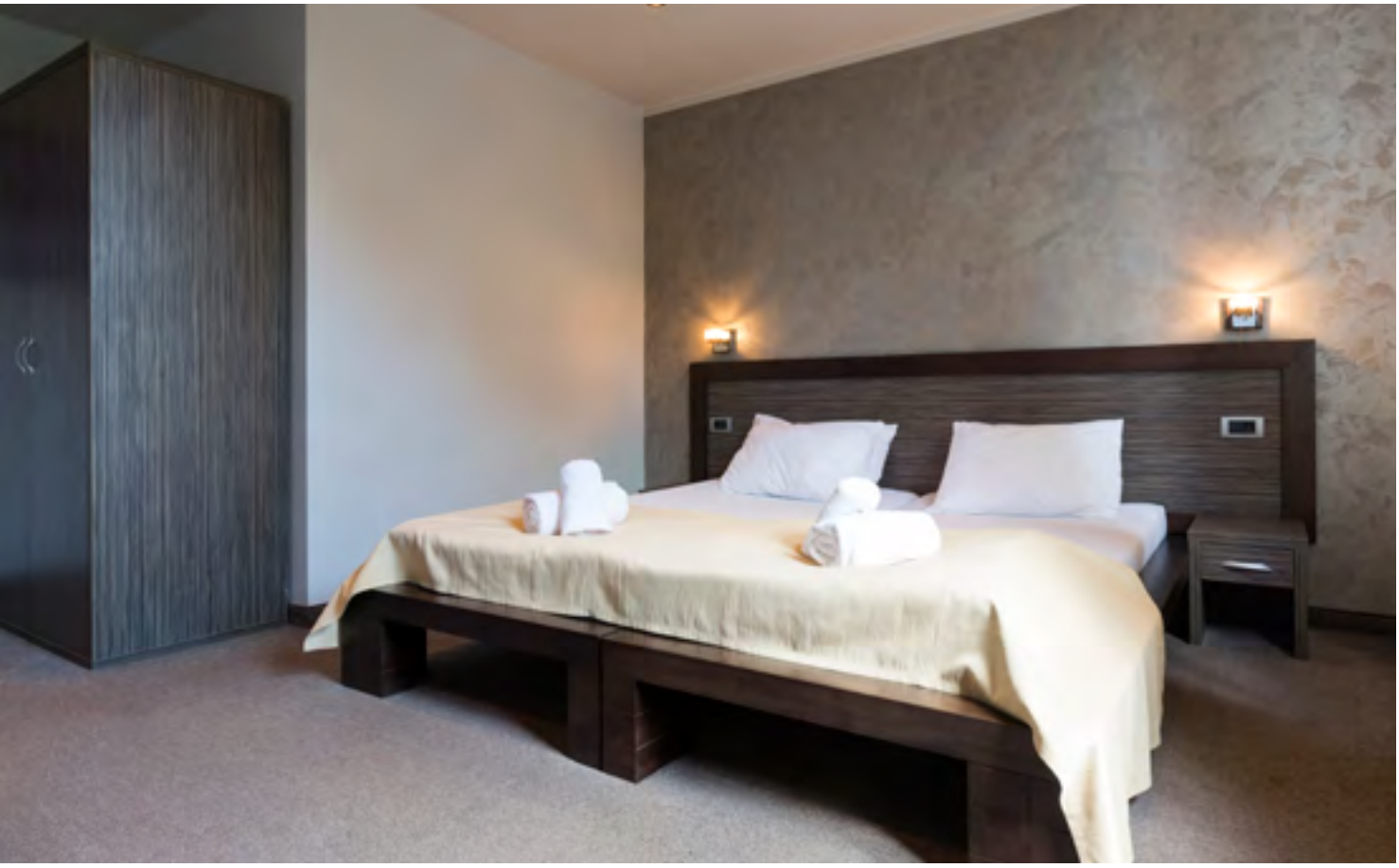
MEGAMAN®
DANI

Integrated LED luminaire

MEGAMAN® DANI



MEGAMAN® DANI



MEGAMAN® DANI

GX53 Wall Lamp

The MEGAMAN®DANI has a modern aesthetic that utilizes an energy efficient LED GX53 light source, to replace traditional inefficient halogen wall lights. The cylindrical crystal shade has a quality look with its gloss finish and the illumination is evenly diffused for a soft light. Moreover, the MEGAMAN®DANI can also be used as a pendant lamp with the optional suspension kit for ceiling mounting.

Features

- High-quality materials – clear crystal and steel
- Timeless and elegant design profile
- Soft, semi-decorative and useful light effect
- Can be used as a pendant (suspension kit accessory required)
- End user serviceable GX53 LED lamp
- PMMA diffuser offers resistant to oil-laden atmospheres

Applications

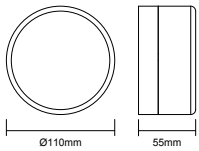
- General illumination
- Hospitality
- Corridors
- Cloakrooms
- Dinning rooms

MEGAMAN® DANI

FWL70318v0



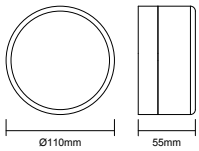
IP44



FWL70318v0-SW



IP20



Nickel (NI51)

Model No.	Max. Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp. [CRI]	Dimension (mm)	Light Source	Lamp Base	Material
FWL70318v0	7	520	74	2800K / 4000K [Ra80]	Ø110 x H55	LED GX53	GX53	ABS + PMMA
FWL70318v0-sw	7	520	74	2800K / 4000K [Ra80]	Ø110 x H55	LED GX53	GX53	ABS + PMMA

Integrated LED luminaire

* Preliminary Data







INDOOR LIGHTING/
Batten



MEGAMAN®
PINO



MEGAMAN®
PINOLITE



MEGAMAN®
KETO



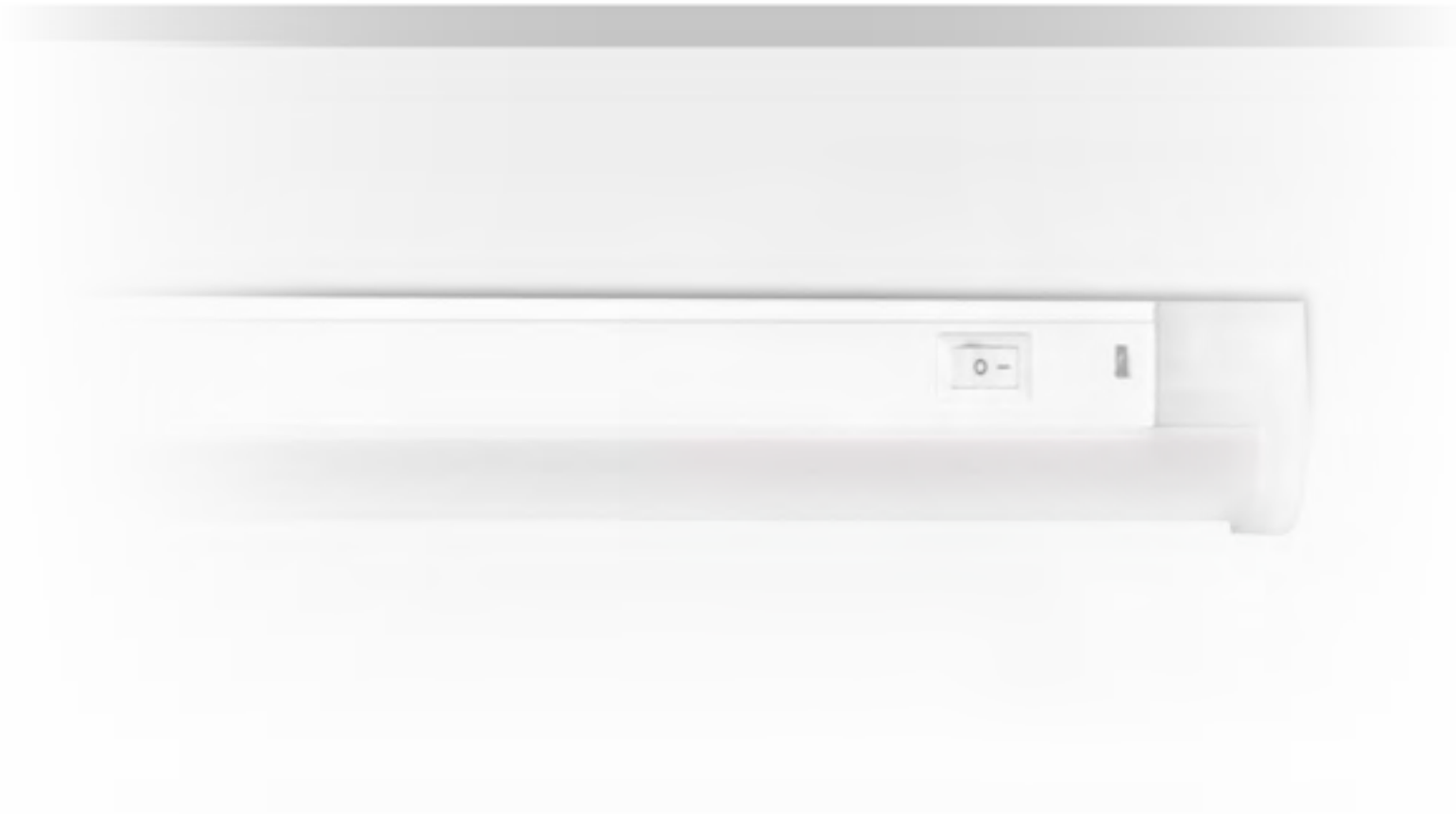
MEGAMAN®
MALO



MEGAMAN®
TONO

Integrated LED luminaire

MEGAMAN® PINO









MEGAMAN® PINO



MEGAMAN® PINO

Integrated LED batten

MEGAMAN® PINO is the right choice for recessed wall-wash, display shelf lighting and concealed linear lighting applications. The integrated LED linear tube design with high system luminous efficacy of up to 100lm/W is a true replacement for traditional T5 battens.

The unique extendable built-in connector enables multiple connections for different length applications: 0.6m, 1.2m and 1.5m which can perfectly replace the traditional T5 tube. The MEGAMAN® PINO has a translucent end cap design that can eliminate the dark zone between the batten connections.

Features

- Integrated LED linear tube for a true replacement for traditional T5 battens
- Delivers high system luminous efficacy of up to 100lm/W
- Translucent end caps reduce dark zone
- Unique extendable built-in connector makes maintenance easy
- Multiple connections allows for different length applications: 0.6m, 1.2m and 1.5m
- Simple installation and servicing
- Accessories available e.g., patch cord, mounting clips, power cord

Applications

- Shops and boutiques
- Display shelves
- Wall lighting
- Light troughs
- Office

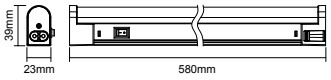
Plug-and-Play: Connect up to
- 19 units for F29000SM -– 11.4m total
- 12 units for F29100SM -– 10.8m total

MEGAMAN® PINO

F29000SM



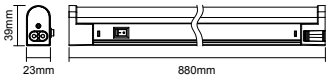
IP20 | Class II



F29100SM



IP20 | Class II



220-240V | IP20

White (WH13)

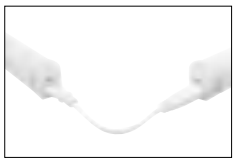
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Materials
F29000SM	11	1000 [3000K] 1100 [4000K]	91 [3000K] 100 [4000K]	L580 x W23 x H39	3000K / 4000K [>Ra80]	25000	Polycarbonate
F29100SM	17	1600 [3000K] 1700 [4000K]	94 [3000K] 100 [4000K]	L880 x W23 x H39	3000K / 4000K [>Ra80]	25000	Polycarbonate



Translucent end-cap design that eliminates the dark zone between the batten connections

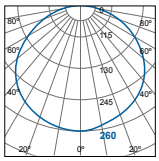


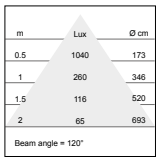
Extendable built-in socket



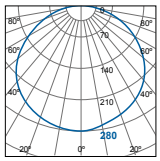
150mm patch cord to cater angular connection

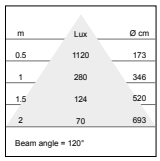
F29000SM-3000K



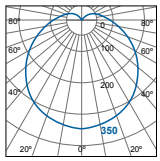


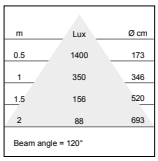
F29000SM-4000K



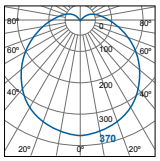


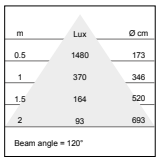
F29100SM-3000K





F29100SM-4000K





Acessory



LA8002
Power Cord



LA8003
150mm Patch Cord



LA8004
Angle Joint

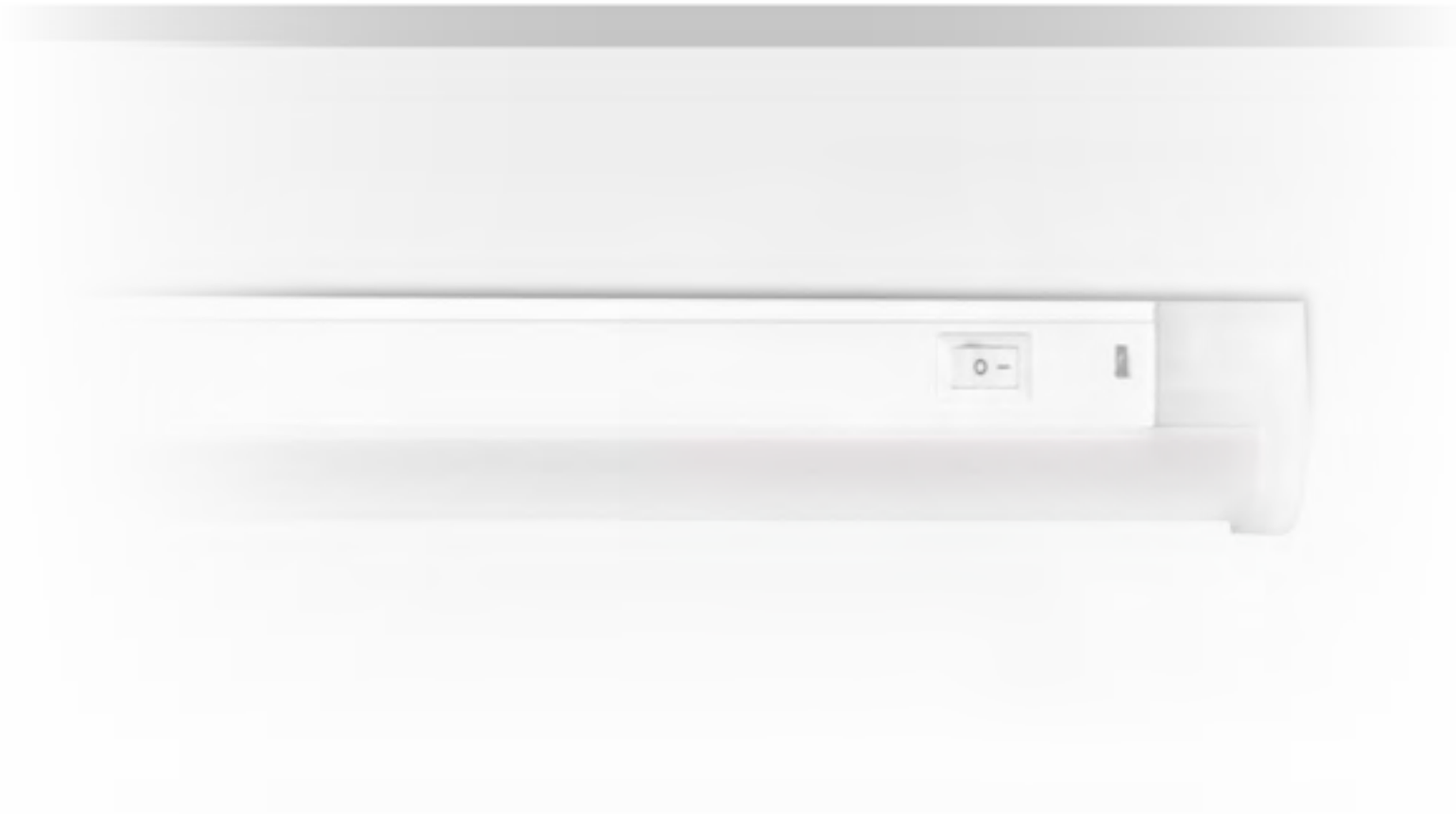


LA8005
Mounting Clips
(Comes with the MEGAMAN® PINO)

Integrated LED luminaire



MEGAMAN® PINOLITE







MEGAMAN® PINOLITE



MEGAMAN® PINOLITE

Integrated LED batten

Features

- Energy saving LED linear batten to replace conventional one
- Long life, low maintenance cost
- Durable and economical solution
- Offers various lengths for flexible solutions: 0.3 m, 0.6 m, 0.9 and 1.2 m
- Integrated connector makes allows easy in line connection for continuous runs
- Translucent end caps reduce dark zones
- Accessories: patch cord, mounting clips, power cord
- Built in ON/OFF switch

Applications

- Shops and boutiques
- Display shelves
- Wall lighting
- Light troughs
- Office

Plug- and-Play: Connect up to
- 65 units for FIB71400v0
- 19 units for FIB71500v0
- 12 units for FIB71600v0
- 9 units for FIB71700v0



Translucent end-cap design that eliminates the dark zone between the batten connections



Extendable built-in socket



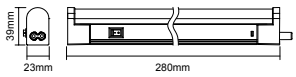
150mm patch cord to cater angular connection

MEGAMAN® PINOLITE

FIB71400v0



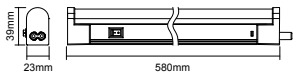
Class II



FIB71500v0



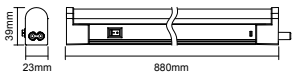
Class II



FIB71600v0



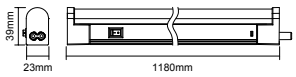
Class II



FIB71700v0



Class II



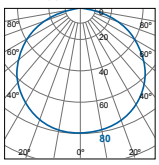
220-240V

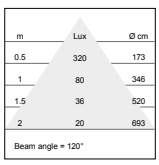
IP20

White (WH13)

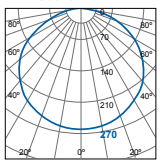
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FIB71400v0	3.5	300 [3000K] 320 [4000K / 6500K]	86 [3000K] 91 [4000K / 6500K]	120	L280 x W23 x H39	3000K / 4000K / 6500K [>Ra80]	35000	>0.5	Polycarbonate
FIB71500v0	12	1000 [3000K] 1100 [4000K / 6500K]	83 [3000K] 92 [4000K / 6500K]	120	L580 x W23 x H39	3000K / 4000K / 6500K [>Ra80]	35000	>0.5	Polycarbonate
FIB71600v0	19	1600 [3000K] 1700 [4000K / 6500K]	84 [3000K] 89 [4000K / 6500K]	120	L880 x W23 x H39	3000K / 4000K / 6500K [>Ra80]	35000	>0.5	Polycarbonate
FIB71700v0	24.5	2000 [3000K] 2200 [4000K / 6500K]	82 [3000K] 90 [4000K / 6500K]	120	L1180 x W23 x H39	3000K / 4000K / 6500K [>Ra80]	35000	>0.5	Polycarbonate

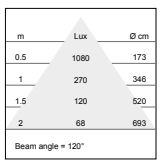
FIB71400v0



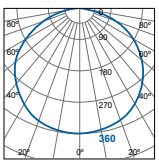


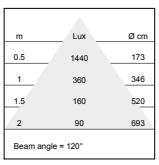
FIB71500v0



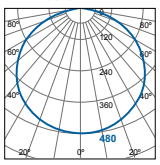


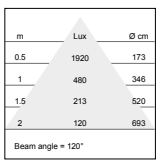
FIB71600v0





FIB71700v0





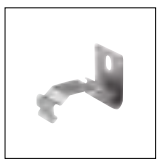
Accessory



LA8002
1.8m Power cord



LA8036
150mm Patch cord



LA8004
Angle joint for PINOLITE



LA8005
Mounting clips
(Comes with MEGAMAN® PINOLITE)



LA8039
Female pole protective cap

Integrated LED luminaire



MEGAMAN® KETO



MEGAMAN® KETO



MEGAMAN® KETO

Integrated LED batten

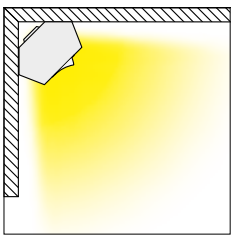
MEGAMAN® KETO is an ideal luminaire range for indoor applications for residential lighting, while delivering a significant lighting performance. With the Hexagon shape design, the luminaire is able to be mounted for 45° applications. MEGAMAN® KETO is easy to handle as the integrated driver and built-in LED facilitates easy installation.

Features:

- True replacement for traditional T5 & T8 battens
- Integrated driver and built-in LED facilitates easy installation
- Hexagon shape design with inclined base to be mounted for 45° applications
- Two electrical sockets with the luminaire for the power supply to other devices

Applications

- Staircases
- Factories
- Corridors
- Warehouses
- Under cabinet



The base is inclined, so MEGAMAN® KETO can be mounted at 45° under cabinets



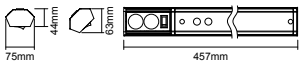
Two electrical sockets for supply of appliances

MEGAMAN® KETO

F59900SM



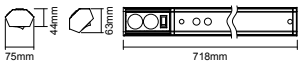
Class I



F60000SM



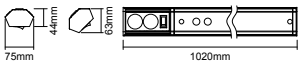
Class I



F60100SM



Class I

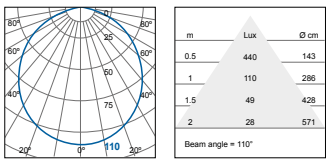


220-240V | IP21

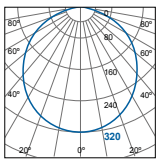
White (WH26)

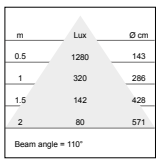
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Materials
F59900SM	3	300	100	110	L457 x W75 x H44	2800K / 4000K / 6000K [>Ra80]	40000	>0.7	Aluminium housing with polycarbonate diffuser
F60000SM	9	900	100	110	L718 x W75 x H44	2800K / 4000K / 6000K [>Ra80]	40000	>0.9	Aluminium housing with polycarbonate diffuser
F60100SM	14.5	1450	100	110	L1020 x W75 x H44	2800K / 4000K / 6000K [>Ra80]	40000	>0.9	Aluminium housing with polycarbonate diffuser

F59900SM

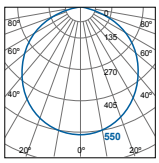


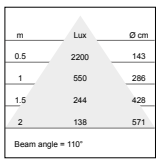
F60000SM





F60100SM





Integrated LED luminaire



MEGAMAN® MALO



180°

Wide 180° exit window, offers an even light distribution

MEGAMAN® MALO



MEGAMAN® MALO

Integrated LED batten

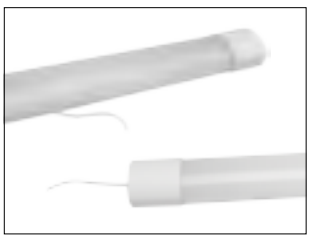
The new MEGAMAN®MALO Batten range of LED products can be used to replace T5 and T8 traditional battens. The luminaire is equipped with the wide 180° exit window that offers an even light distribution. In addition, two concealed surface mounting clips are provided for facilitating the installation. MEGAMAN® MALO is the perfect choice for a wide range of residential lighting, staircases, warehouses and corridors.

Features

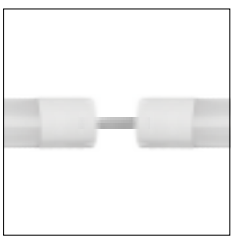
- Integrated driver with built-in LED that facilitates easy installation and servicing
- Various cable entries possible including through wiring for continuous runs
- True replacement for traditional T5 and T8 battens
- Surface/wall mounted
- Suitable for task and area lighting

Applications

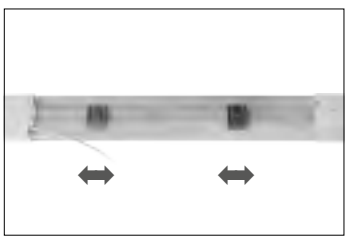
- Residential lighting
- Staircases
- Factories
- Corridors
- Warehouses
- Under cabinet



Cable entries possible at rear side or both ends with Ø18mm knock-outs that allow different wiring options



Through wire connection possible



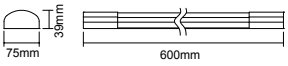
Two concealed surface mounting clips for easy installation and enhanced product appearance

MEGAMAN® MALO

FIB70000v0 / FIB70000v1



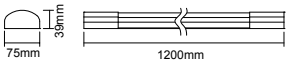
λ >0.9 | Class II



FIB70100v0 / FIB70100v1



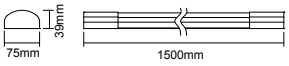
λ >0.9 | Class II



FIB70200v0 / FIB70200v1



λ >0.9 | Class II

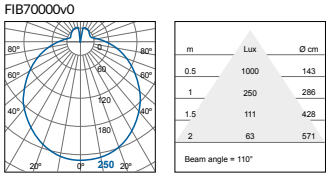


220-240V | IP20

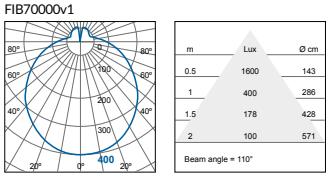
White (WH12)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Material
FIB70000v0	9	900	100	110	L600 x W75 x H39	3000K / 4000K / 6500K [>Ra80]	50000	Polycarbonate
FIB70000v1	15	1500	100	110	L600 x W75 x H39	3000K / 4000K / 6500K [>Ra80]	50000	Polycarbonate
FIB70100v0	25	2500	100	110	L1200 x W75 x H39	3000K / 4000K / 6500K [>Ra80]	50000	Polycarbonate
FIB70100v1	35	3600	103	110	L1200 x W75 x H39	3000K / 4000K / 6500K [>Ra80]	50000	Polycarbonate
FIB70200v0	33	3450	105	110	L1500 x W75 x H39	3000K / 4000K / 6500K [>Ra80]	50000	Polycarbonate
FIB70200v1	42	4500	107	110	L1500 x W75 x H39	3000K / 4000K / 6500K [>Ra80]	50000	Polycarbonate

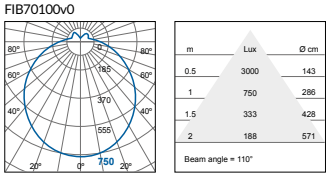
FIB70000v0



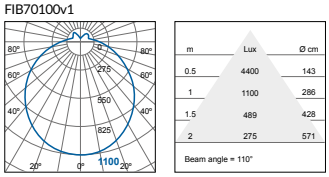
FIB70000v1



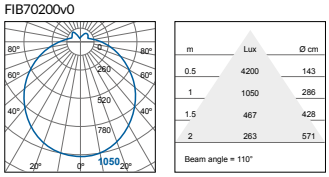
FIB70100v0



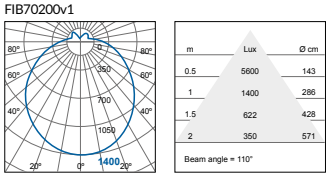
FIB70100v1



FIB70200v0



FIB70200v1



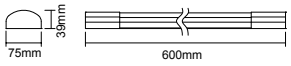
Integrated LED luminaire

MEGAMAN® MALO

FIB70000v0-pl / FIB70000v1-pl



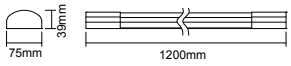
λ >0.9 | Class II



FIB70100v0-pl / FIB70100v1-pl



λ >0.9 | Class II



FIB70200v0-pl / FIB70200v1-pl



λ >0.9 | Class II

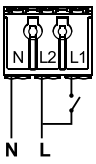


220-240V | IP20

White (WH12)

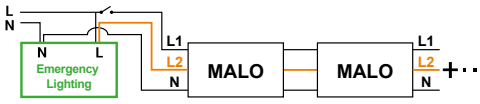
Permanent Live Option

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Material
FIB70000v0-pl	9	900	100	110	L600 x W75 x H39	3000K / 4000K / 6500K [>Ra80]	50000	Polycarbonate
FIB70000v1-pl	15	1500	100	110	L600 x W75 x H39	3000K / 4000K / 6500K [>Ra80]	50000	Polycarbonate
FIB70100v0-pl	25	2500	100	110	L1200 x W75 x H39	3000K / 4000K / 6500K [>Ra80]	50000	Polycarbonate
FIB70100v1-pl	35	3600	103	110	L1200 x W75 x H39	3000K / 4000K / 6500K [>Ra80]	50000	Polycarbonate
FIB70200v0-pl	33	3450	105	110	L1500 x W75 x H39	3000K / 4000K / 6500K [>Ra80]	50000	Polycarbonate
FIB70200v1-pl	42	4500	107	110	L1500 x W75 x H39	3000K / 4000K / 6500K [>Ra80]	50000	Polycarbonate

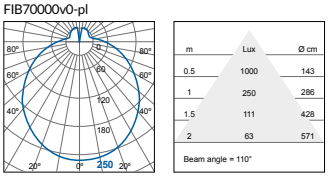


3-wire connection, allows unswitched live supply to the luminaire or appliances (i.e. CCTV, security alarm system, smoke detector, etc.) when the switch is off

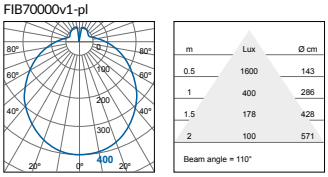
Application with Emergency Lighting
Non-maintained[1] emergency luminaires stay connected and charge on the permanent live, while the general lighting can work as usual on the switched circuit. In the event of power failure, the emergency units light up on their internal batteries.



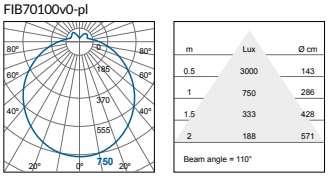
FIB70000v0-pl



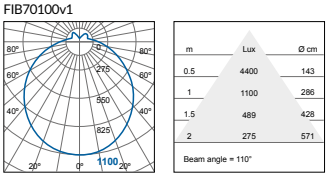
FIB70000v1-pl



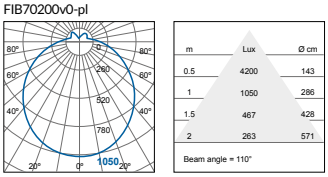
FIB70100v0-pl



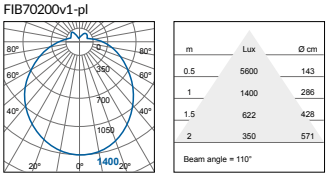
FIB70100v1



FIB70200v0-pl



FIB70200v1-pl



Integrated LED luminaire

[1] Non-maintained emergency luminaire is recommended due to circuit loading.

MEGAMAN® TONO



MEGAMAN® TONO



MEGAMAN® TONO

Integrated LED batten

MEGAMAN®TONO is a cost-effective and reliable indoor LED batten minimizing the initial investment without compromising flexibility. The luminaire is not only saving much energy costs compared to a T5/T8 solution, but also offering a longer lifetime. This results in significantly lower operational costs, ensuring a payback that meets the needs of the specification market.

Features

- True replacement for traditional T5 and T8 battens
- Price competitive option when replacing traditional battens
- Integrated driver with built-in LED that facilitates easy installation and servicing
- Concealed clip system makes mounting quick and neat
- Suitable for task and area lighting

Applications

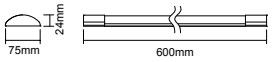
- Residential lighting
- Staircases
- Factories
- Corridors
- Warehouses
- Under cabinet

MEGAMAN® TONO

F29000SM



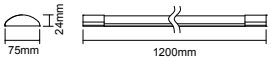
λ >0.9 | Class II



F29100SM



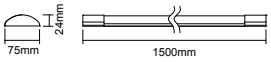
λ >0.9 | Class II



F29100SM



λ >0.9 | Class II

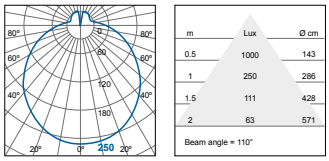


220-240V | IP20

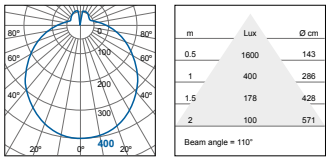
White (WH12)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Material
FIB70500v0	9.5	900	95	110	L600 x W75 x H24	3000K / 4000K / 6500K [>Ra80]	35000	Polycarbonate
FIB70500v1	16	1500	94	110	L600 x W75 x H24	3000K / 4000K / 6500K [>Ra80]	35000	Polycarbonate
FIB70600v0	27	2500	93	110	L1200 x W75 x H24	3000K / 4000K / 6500K [>Ra80]	35000	Polycarbonate
FIB70600v1	38	3600	95	110	L1200 x W75 x H24	3000K / 4000K / 6500K [>Ra80]	35000	Polycarbonate
FIB70700v0	37	3450	93	110	L1500 x W75 x H24	3000K / 4000K / 6500K [>Ra80]	35000	Polycarbonate
FIB70700v1	48	4500	94	110	L1500 x W75 x H24	3000K / 4000K / 6500K [>Ra80]	35000	Polycarbonate

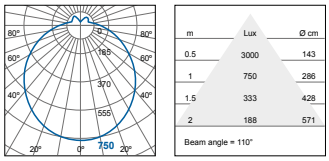
FIB70500v0



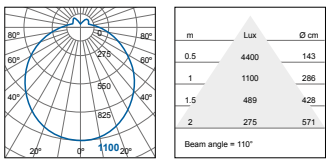
FIB70500v1



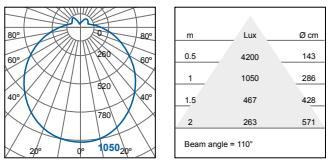
FIB70600v0



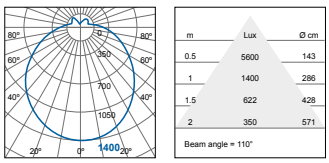
FIB70600v1



FIB70700v0



FIB70700v1



Integrated LED luminaire



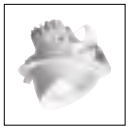


INDOOR LIGHTING/
Downlight


MEGAMAN®
SIENA


MEGAMAN®
SIENALITE


MEGAMAN®
PLANEX


MEGAMAN®
CARLO and
CARLO Mini


MEGAMAN®
CARDO


MEGAMAN®
RICO


MEGAMAN®
RICO HR


MEGAMAN®
ANNA


MEGAMAN®
ABBY


MEGAMAN®
ZEKI


MEGAMAN®
VITO


MEGAMAN®
GENOA


MEGAMAN®
CHICO


MEGAMAN®
LUCCA


MEGAMAN®
MAX


MEGAMAN®
VERONA


MEGAMAN®
VERSOFIT


MEGAMAN®
SIRA


MEGAMAN®
KARA


MEGAMAN®
PALMLITE


MEGAMAN®
CONXENTO


MEGAMAN®
CONXENTO

Integrated LED luminaire

MEGAMAN® SIENA

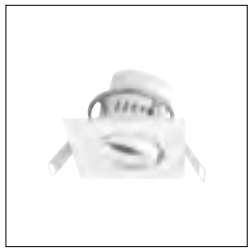












MEGAMAN® SIENA



MEGAMAN® SIENA

Integrated LED downlight

MEGAMAN® SIENA is a range of low energy LED downlights with integrated driver and built-in LED that facilitates easy installation. Compared to conventional downlights in which a substantial amount of light is lost in the system, MEGAMAN® SIENA delivers high system efficiency making it an ideal energy efficient replacement.

Different features and technology options are available in the MEGAMAN® SIENA family, for example; IP44, *INGENIUM*® BLU*, Dim to Warm and linear dimming. It is available in a range of sizes from 2.5" to 8" diameter with different lumen packages to cater for various applications.

Features

- A range of integrated LED downlights with high system efficiency
- No external driver required which facilitates easy installation and maintenance
- Delivers uniform light distribution
- Range of sizes allowing retrofit for many conventional downlights in existing ceiling cut-outs
- Low in height suitable for restricted ceiling recess depths
- Different beam angle versions are available to cater different applications
- Value engineered with a minimum number of components for a cost competitive solution
- Compact in size — 25mm shorter than a traditional halogen downlight
- Designed with a height of only 55mm, making it ideal for limited recess depths
- Ideal replacement for 50W halogen MR16 and PAR16 downlights

ingenium® BLU

Dim to WARM

U-DIM

IP44

UGR <22

Applications

- Retail
- Bathrooms
- Hotels
- Kitchens
- Offices
- Restaurants

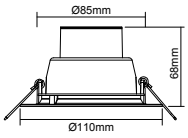
* Please visit www.ingenium.cc for more information.

MEGAMAN® SIENA

F26000RC



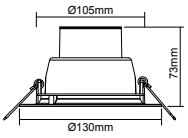
IP44 | Class II



F26100RC



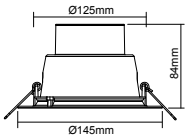
IP44 | Class II



F26200RC / F26200RC-d



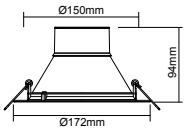
IP44 | Class I



F26300RC / F26300RC-d



IP44 | Class I



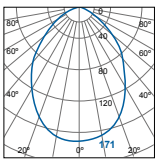
220-240V

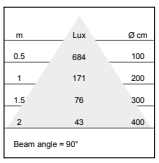
White (WH26) | Silver (SV26)

Smart Series

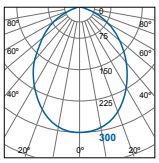
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Power Factor (λ)	Materials
F26000RC	5	350	70	90	Ø110 x H68	85	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with diffuser
F26100RC	7.5	550	73	90	Ø130 x H73	105	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with diffuser
F26200RC	12.5	950	76	90	Ø145 x H84	125	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with diffuser
F26200RC-d	13	950	73	90	Ø145 x H84	125	2800K / 4000K / 6500K [>Ra80]	50000	100-5% 1	>0.9	Die cast aluminium trim with diffuser
F26300RC	20.5	1560	76	90	Ø172 x H94	150	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with diffuser
F26300RC-d	21.5	1560	73	90	Ø172 x H94	150	2800K / 4000K / 6500K [>Ra80]	50000	100-10% 1	>0.9	Die cast aluminium trim with diffuser

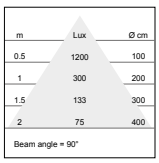
F26000RC



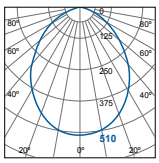


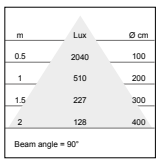
F26100RC



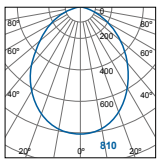


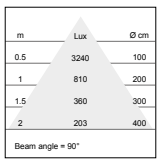
F26200RC / F26200RC-d





F26300RC / F26300RC-d





Integrated LED luminaire

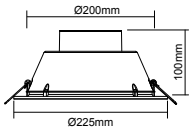
[1] Capable of linear dimming from 100% to 5% or 100% to 10% when working with most conventional dimmers.

MEGAMAN® SIENA

F27100RCv1 / F27100RCv1-d / F28500RC



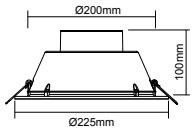
IP44 | Class II



F27100RC



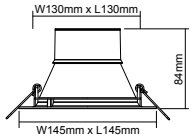
IP44 | Class I | High Output



F51400RC



IP44 | Class I





Surface Mount Kit

The surface mount kit for MEGAMAN® SIENA in 6” and 8” is now available for the surface mount installation.

6” Surface Mount Kit: LA10017
8” Surface Mount Kit: LA10020



Conduit Connection

MEGAMAN® SIENA with the conduit connection (model no. LA10006) is available.

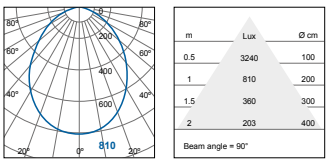
220-240V

White (WH26) | Silver (SV26)

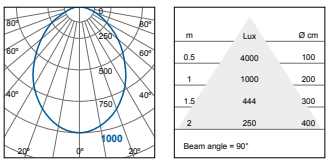
Smart Series

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Power Factor (λ)	Materials
F27100RCv1	20.5	1560	76	90	Ø225 x H100	200	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with diffuser
F27100RCv1-d	21.5	1560	73	90	Ø225 x H100	200	2800K / 4000K / 6500K [>Ra80]	50000	100-10% [1]	>0.9	Die cast aluminium trim with diffuser
F28500RC	27	2000	74	90	Ø225 x H100	200	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with diffuser
F27100RC High Output	35.5	2700	76	90	Ø225 x H100	200	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with diffuser
F51400RC	12.5	950	76	90	W145 x L145 x H84	W130 x L130	2800K / 4000K / 6500K [>Ra80]	25000	N/A	>0.9	Metal housing with plastic diffuser

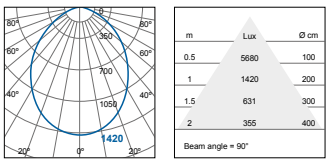
F27100RCv1 / F27100RCv1-d



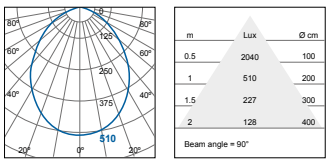
F28500RC



F27100RC



F51400RC



i Integrated LED luminaire

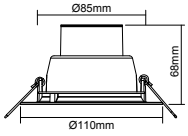
[1] Capable of linear dimming from 100% to 10% when working with most conventional dimmers.

MEGAMAN® SIENA SR

FDS53900v0



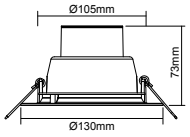
IP44 | Class II | UGR ≤22 | Up to 25°



F54000RC



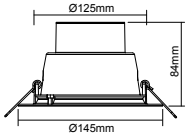
IP44 | Class II | UGR ≤22 | Up to 25°



F54100RC / F54100RC-d U-DIM



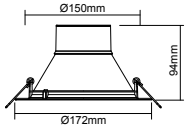
IP44 | Class II | UGR ≤22 | Up to 25°



F54200RC / F54200RC-d U-DIM



IP44 | Class II | UGR ≤22 | Up to 25°



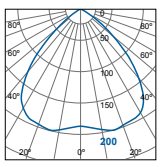
220-240V

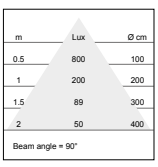
White (WH26) | Silver (SV26)

Professional Series

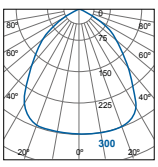
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Power Factor (λ)	Materials
FDS53900v0	4	350	88	90	Ø110 x H68	85	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.7	Die cast aluminium trim with specular reflector
F54000RC	6	550	92	90	Ø130 x H73	105	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with specular reflector
F54100RC	9.5	950	100	90	Ø145 x H84	125	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with specular reflector
F54100RC-d U-DIM	10.5	950	90	90	Ø145 x H84	125	2800K / 4000K / 6500K [>Ra80]	50000	100-5% 1	>0.9	Die cast aluminium trim with specular reflector
F54200RC	15.5	1560	101	90	Ø172 x H94	150	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with specular reflector
F54200RC-d U-DIM	16.5	1560	95	90	Ø172 x H94	150	2800K / 4000K / 6500K [>Ra80]	50000	100-5% 1	>0.9	Die cast aluminium trim with specular reflector

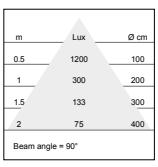
FDS53900v0



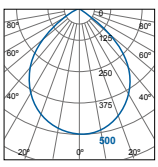


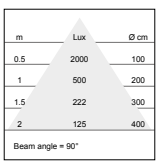
F54000RC



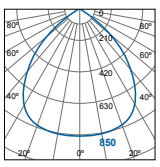


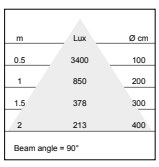
F54100RC / F54100RC-d





F54200RC / F54200RC-d





i Integrated LED luminaire

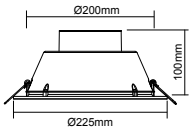
1 Capable of linear dimming from 100% to 5% when working with most conventional dimmers.

MEGAMAN® SIENA SR

F54300RC / F54300RCv2



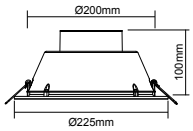
IP44 | Class II | θ Up to 25°



F54300RCv1



IP44 | Class II | θ Up to 25° | High Output





Surface Mount Kit

The surface mount kit for MEGAMAN® SIENA in 6” and 8” is now available for the surface mount installation.

6” Surface Mount Kit: LA10017
8” Surface Mount Kit: LA10020



Conduit Connection

MEGAMAN® SIENA with the conduit connection (model no. LA10006) is available.

White (WH26) | Silver (SV26)

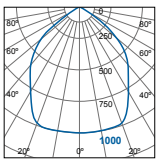
Professional Series

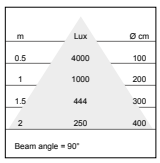
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Power Factor (λ)	Materials
F54300RCv2	15.5	1560	101	90	Ø225 x H100	200	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with specular reflector
F54300RC	19	2000	105	90	Ø225 x H100	200	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with specular reflector
F54300RCv1 High Output	25.5	2700	106	90	Ø225 x H100	200	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with specular reflector

F54300RCv2

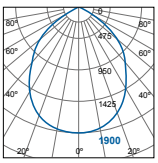
TBC | TBC

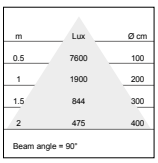
F54300RCv0





F54300RCv1





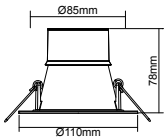
Integrated LED luminaire

MEGAMAN® SIENA SR

F26400RC / F26400RC-d



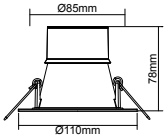
IP20



F26400RC-dBT



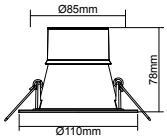
60° IP20 Class I



F26400RC-w



60° IP20 Class I

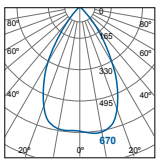


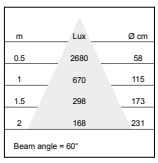
220-240V

White (WH26) Silver (SV26)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Power Factor (λ)	Materials
F26400RC	12.5	900	72	60	Ø110 x H78	Ø85	2800K / 4000K / 6500K [>Ra80]	25000	N/A	>0.9	Metal housing with silver reflector
F26400RC-d	13	900	69	60	Ø110 x H78	Ø85	2800K / 4000K / 6500K [>Ra80]	25000	100-10% [1]	>0.9	Metal housing with silver reflector
F26400RC-dBT	13	900	69	60	Ø110 x H78	Ø85	2800K / 4000K / 6500K [>Ra80]	25000	100-10% [2]	>0.9	Metal housing with silver reflector
F26400RC-w	12	900	75	60	Ø110 x H78	Ø85	2800K - 1800K	25000	100-10% [1]	>0.9	Metal housing with silver reflector

F26400RC / F26400RC-d / F26400RC-dBT / F26400RC-w





m	Lux	Ø cm
0.5	2680	58
1	670	115
1.5	298	173
2	168	231

Beam angle = 60°

Integrated LED luminaire

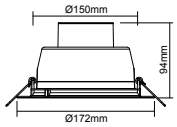
[1] Capable of linear dimming from 100% to 10% when working with most conventional dimmers.
[2] Dimmable by MEGAMAN® Bluetooth Control only.

MEGAMAN® SIENA FR | UGR≤19

F54700RC-60D



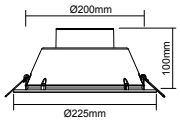
IP44 | Class II | UGR ≤19



F54800RC-60D



IP44 | Class II | UGR ≤19



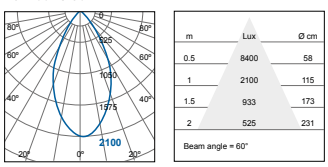
220-240V

White (WH26) | Silver (SV26)

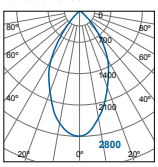
Professional Series | UGR≤19

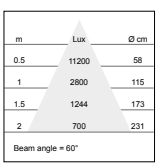
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Material
F54700RC-60D	15.5	1560	101	60	2100	Ø172 X H94	Ø150	2800K / 4000K [>Ra80]	50000	>0.9	Die cast aluminium trim with specular reflector
F54800RC-60D	19	2000	105	60	2800	Ø225 x H100	Ø200	2800K / 4000K [>Ra80]	50000	>0.9	Die cast aluminium trim with specular reflector

F54700RC-60D



F54800RC-60D





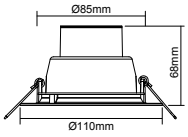
Integrated LED luminaire

MEGAMAN® SIENA FR

FDS54400v0



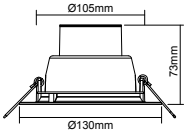
IP44 | Class II | UGR ≤22 | Up to 25°



F54500RC



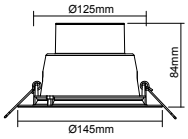
IP44 | Class II | UGR ≤22 | Up to 25°



F54600RC / F54600RC-d U-DIM



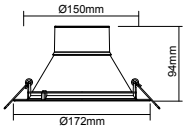
IP44 | Class II | UGR ≤22 | Up to 25°



F54700RC / F54700RC-d U-DIM



IP44 | Class II | UGR ≤22 | Up to 25°



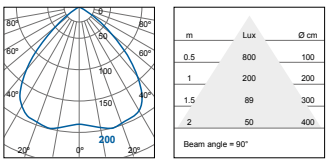
220-240V

White (WH26) | Silver (SV26)

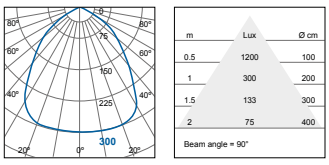
Professional Series

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Power Factor (λ)	Materials
FDS54400v0	4	350	88	90	Ø110 x H68	85	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.7	Die cast aluminium trim with facet reflector
F54500RC	6	550	92	90	Ø130 x H73	105	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with facet reflector
F54600RC	9.5	950	100	90	Ø145 x H84	125	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with facet reflector
F54600RC-d U-DIM	10.5	950	90	90	Ø145 x H84	125	2800K / 4000K / 6500K [>Ra80]	50000	100-5% 1	>0.9	Die cast aluminium trim with facet reflector
F54700RC	15.5	1560	101	90	Ø172 x H94	150	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with facet reflector
F54700RC-d U-DIM	16.5	1560	95	90	Ø172 x H94	150	2800K / 4000K / 6500K [>Ra80]	50000	100-5% 1	>0.9	Die cast aluminium trim with facet reflector

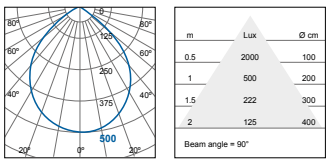
FDS54400v0



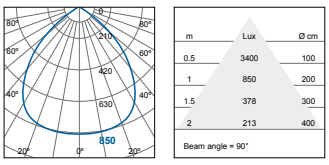
F54500RC



F54600RC / F54600RC-d



F54700RC / F54700RC-d



Integrated LED luminaire

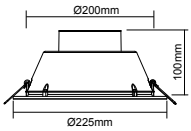
1 Capable of linear dimming from 100% to 5% when working with most conventional dimmers.

MEGAMAN® SIENA FR

F54800RC / F54800RCv2



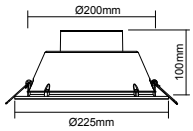
IP44 | Class II | Up to 25°



F54800RCv1



IP44 | Class II | Up to 25° | High Output





Surface Mount Kit

The surface mount kit for MEGAMAN® SIENA in 6” and 8” is now available for the surface mount installation.

6” Surface Mount Kit: LA10017
8” Surface Mount Kit: LA10020



Conduit Connection

MEGAMAN® SIENA with the conduit connection (model no. LA10006) is available.

220-240V

White (WH26) | Silver (SV26)

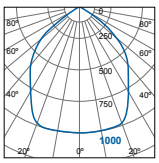
Professional Series

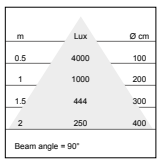
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Power Factor (λ)	Materials
F54800RCv2	15.5	1560	101	90	Ø225 x H100	200	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with facet reflector
F54800RC	19	2000	105	90	Ø225 x H100	200	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with facet reflector
F54800RCv1 High Output	25.5	2700	106	90	Ø225 x H100	200	2800K / 4000K / 6500K [>Ra80]	50000	N/A	>0.9	Die cast aluminium trim with facet reflector

F54800RCv2

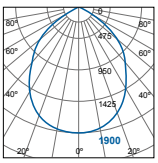
TBC | TBC

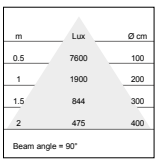
F54800RC





F54800RCv1





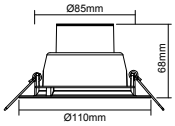
Integrated LED luminaire

MEGAMAN® SIENA FR | RichColour

FDS54400v0-R9



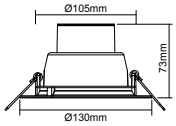
IP44 | Class II | UGR ≤22 | Up to 25° | Ra92



F54500RC-R9



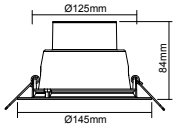
IP44 | Class II | UGR ≤22 | Up to 25° | Ra92



F54600RC-R9



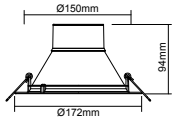
IP44 | Class II | UGR ≤22 | Up to 25° | Ra92



F54700RC-R9



IP44 | Class II | UGR ≤22 | Up to 25° | Ra92



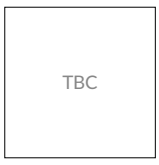
220-240V

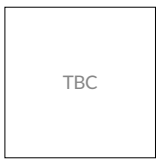
White (WH26) | Silver (SV26)

Professional Series | RichColour

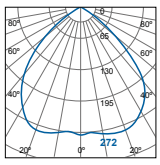
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Power Factor (λ)	Materials
FDS54400v0-r9 Ra92	4	320	80	90	Ø110 x H68	85	2800K / 4000K / 6500K [Ra92]	50000	N/A	>0.7	Die cast aluminium trim with facet reflector
F54500RC-R9 Ra92	6	500	83	90	Ø130 x H73	105	2800K / 4000K / 6500K [Ra92]	50000	N/A	>0.9	Die cast aluminium trim with facet reflector
F54600RC-R9 Ra92	9.5	850	89	90	Ø145 x H84	125	2800K / 4000K / 6500K [Ra92]	50000	N/A	>0.9	Die cast aluminium trim with facet reflector
F54700RC-R9 Ra92	15.5	1400	90	90	Ø172 x H94	150	2800K / 4000K / 6500K [Ra92]	50000	N/A	>0.9	Die cast aluminium trim with facet reflector

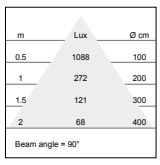
FDS54400v0-r9



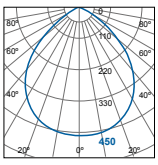


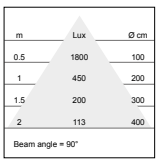
F54500RC-R9



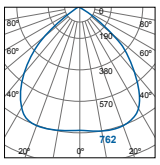


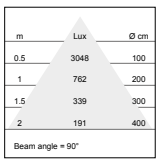
F54600RC-R9





F54700RC-R9





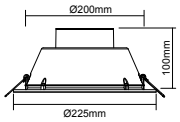
Integrated LED luminaire

MEGAMAN® SIENA FR | RichColour

F54800RC-R9 / F54800RCv2-R9



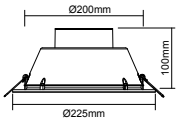
IP44 | Class II | Up to 25° | Ra92



F54800RCv1-R9



IP44 | Class II | Up to 25° | Ra92 | High Output





Surface Mount Kit

The surface mount kit for MEGAMAN® SIENA in 6” and 8” is now available for the surface mount installation.

6” Surface Mount Kit: LA10017
8” Surface Mount Kit: LA10020



Conduit Connection

MEGAMAN® SIENA with the conduit connection (model no. LA10006) is available.

220-240V

White (WH26) | Silver (SV26)

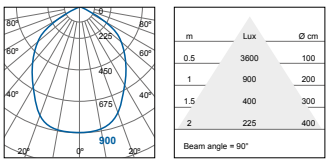
Professional Series | RichColour

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Power Factor (λ)	Materials
F54800RCv2-R9 Ra92	15.5	1400	90	90	Ø225 x H100	200	2800K / 4000K / 6500K [Ra92]	50000	N/A	>0.9	Die cast aluminium trim with facet reflector
F54800RC-R9 Ra92	19	1800	95	90	Ø225 x H100	200	2800K / 4000K / 6500K [Ra92]	50000	N/A	>0.9	Die cast aluminium trim with facet reflector
F54800RCv1-R9 Ra92 High Output	25.5	2450	96	90	Ø225 x H100	200	2800K / 4000K / 6500K [Ra92]	50000	N/A	>0.9	Die cast aluminium trim with facet reflector

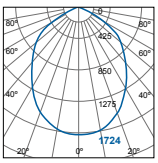
F54800RCv2-R9

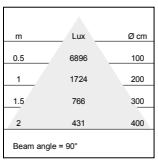
TBC | TBC

F54800RC-R9



F54800RCv1-R9





i Integrated LED luminaire

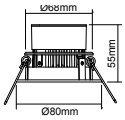
MEGAMAN® SIENA

F28100RC / F28100RC-d



24° 36° 25° IP44 Class II

θ Up to 25°



F28100RCv1 / F28100RCv1-d



24° 36° 25° IP44 Class II

θ Up to 25° High Output



F28100RC-dBT



24° 36° 25° IP44 Class II

θ Up to 25°



F28100RC-w



36° 25° IP44 Class II

θ Up to 25°

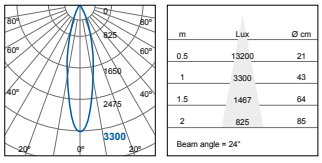


220-240V

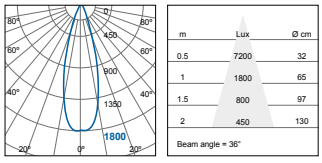
White (WH26) Silver (SV26) Brushed Nickel (NI53)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Power Factor (λ)	Materials
F28100RC	7.5	500	67	24 / 36	Ø80 x H55	Ø68	2800K / 4000K / 6500K [>Ra80]	25000	N/A	>0.7	Metal housing with diffuser
F28100RCv1 High Output	7.5	650	87	24 / 36	Ø80 x H55	Ø68	2800K / 4000K / 6500K [>Ra80]	25000	N/A	>0.7	Metal housing with diffuser
F28100RC-d	8	500	63	24 / 36	Ø80 x H55	Ø68	2800K / 4000K / 6500K [>Ra80]	25000	100-5% [1]	>0.9	Metal housing with diffuser
F28100RCv1-d High Output	8	650	81	24 / 36	Ø80 x H55	Ø68	2800K / 4000K / 6500K [>Ra80]	25000	100-5% [1]	>0.9	Metal housing with diffuser
F28100RC-dBT	8	500	63	24 / 36	Ø80 x H55	Ø68	2800K / 4000K / 6500K [>Ra80]	25000	100-5% [2]	>0.9	Metal housing with diffuser
F28100RC-w	8	500	63	36	Ø80 x H55	Ø68	2800K - 1800K	25000	100-10% [1]	>0.9	Metal housing with diffuser

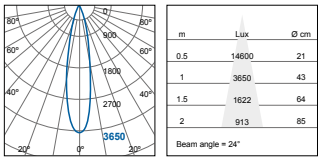
F28100RC -24° / F28100RC-d -24° / F28100RC-dBT -24°



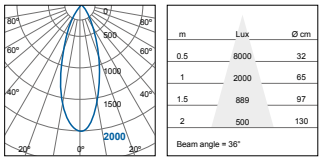
F28100RC -36° / F28100RC-d -36° / F28100RC-dBT -36° / F28100RC-w -36°



F28100RCv1 -24° / F28100RCv1-d -24°



F28100RCv1 -36° / F28100RCv1-d -36°



Integrated LED luminaire

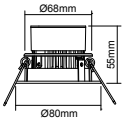
[1] Capable of linear dimming from 100% to 10% or 5% when working with most conventional dimmers.
[2] Dimmable by MEGAMAN® Bluetooth Control only.

MEGAMAN® SIENA

F29500RC / F29500RC-d



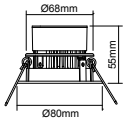
24° 36° 25° IP44 Class II θ Up to 25°



F29500RCv1 / F29500RCv1-d



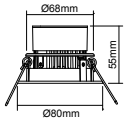
24° 36° 25° IP44 Class II θ Up to 25° High Output



F29500RC-w



24° 36° 25° IP44 Class II θ Up to 25°

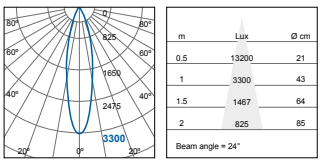


220-240V

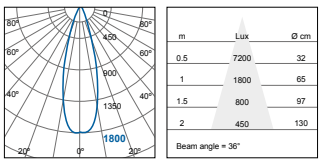
White (WH26) Silver (SV26) Brushed Nickel (NI53)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Power Factor (λ)	Materials
F29500RC	7.5	500	67	24 / 36	W80 x L80 x H55	Ø68	2800K / 4000K / 6500K [>Ra80]	25000	N/A	>0.7	Metal housing with diffuser
F29500RCv1 High Output	7.5	650	87	24 / 36	W80 x L80 x H55	Ø68	2800K / 4000K / 6500K [>Ra80]	25000	N/A	>0.7	Metal housing with diffuser
F29500RC-d U-DIM	8	500	63	24 / 36	W80 x L80 x H55	Ø68	2800K / 4000K / 6500K [>Ra80]	25000	100-5% 1	>0.9	Metal housing with diffuser
F29500RCv1-d U-DIM High Output	8	650	81	24 / 36	W80 x L80 x H55	Ø68	2800K / 4000K / 6500K [>Ra80]	25000	100-5% 1	>0.9	Metal housing with diffuser
F29500RC-w Dim to WARM	8	500	63	36	W80 x L80 x H55	Ø68	2800K - 1800K	25000	100-10% 1	>0.9	Metal housing with diffuser

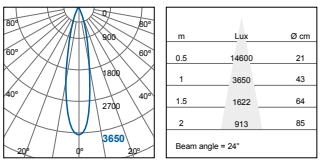
F29500RC -24° / F29500RC-d -24°



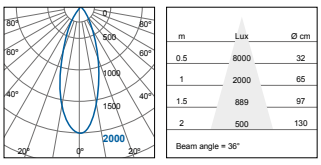
F29500RC -36° / F29500RC-d -36° / F29500RC-w



F29500RCv1 -24° / F29500RCv1-d -24°



F29500RCv1 -36° / F29500RCv1-d -36°



Integrated LED luminaire

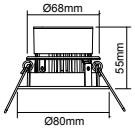
1 Capable of linear dimming from 100% to 10% or 5% when working with most conventional dimmers.

MEGAMAN® SIENA 2.5” CoverPlus

FDS28100v2-dm



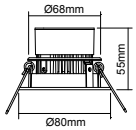
36° 25° IP44 Class II λ >0.85



FDS29500v2-dm



36° 25° IP44 Class II λ >0.85

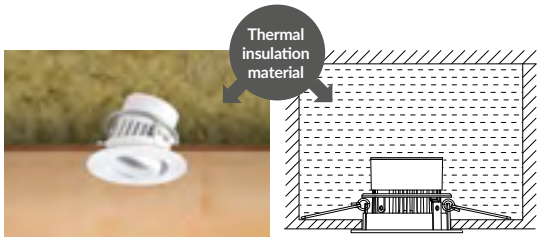


220-240V

White (WH26) Silver (SV26) Brushed Nickel (NI53)

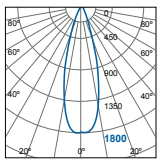
MEGAMAN® SIENA 2.5” CoverPlus

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Power Factor (λ)	Materials
FDS28100v2-dm	6	500	83	36	Ø80 x H55	Ø68	2800K / 4000K [>Ra80]	50,000 (25,000 use directly under thermal insulation)	100-5% [1]	>0.85	Metal housing with optical reflector
FDS29500v2-dm	6	500	83	36	L80 x W80 x H55	Ø68	2800K / 4000K [>Ra80]	50,000 (25,000 use directly under thermal insulation)	100-5% [1]	>0.85	Metal housing with optical reflector



Can be mounted directly in insulated ceilings without any recess box to prevent contact with thermal insulation

FDS28100v2-dm / FDS29500v2-dm



m	Lux	Ø cm
0.5	7200	32
1	1800	65
1.5	800	97
2	450	130

Beam angle = 36°

i Integrated LED luminaire

[1] Capable of linear dimming from 100% to 5% when working with most conventional dimmers.



MEGAMAN® SIENALITE











MEGAMAN® SIENALITE



MEGAMAN® SIENALITE

Integrated LED downlight

MEGAMAN® SIENALITE is a cost-effective sustainable downlight solution designed to replace traditional CFL downlights. Featuring LED technology for high luminous efficacy, it allows further energy-saving and uniform light distribution. MEGAMAN® SIENALITE does not require external driver facilitate easy installation and maintenance. The compact design is suitable for limited ceiling depths.

Features

- A range of recessed integrated LED downlights with high system efficiency
- No external driver required which facilitates easy installation and maintenance
- Delivers uniform light distribution
- Range of sizes allowing retrofit for many conventional downlights in existing ceiling cut-outs
- Low in height and suitable for limited ceiling depths
- Value engineered with a minimum number of components for a cost competitive solution

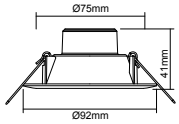
Applications

- Retail
- Bathrooms
- Hotels
- Kitchens
- Offices
- Restaurants

MEGAMAN® SIENALITE

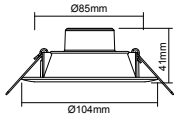
FDS70300v0





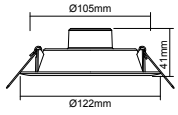
FDS70400v0





FDM70100v0





220-240V

White (WH26)

Economy Series

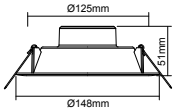
	Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Material
NEW	FDS70300v0	2.5	200 [3000K] 210 [4000K] 210 [6500K]	80 [3000K] 84 [4000K] 84 [6500K]	90	Ø92xH41	Ø75	3000K / 4000K / 6500K [≥Ra80]	25000	Polycarbonate
NEW	FDS70400v0	5	380 [3000K] 400 [4000K] 400 [6500K]	76 [3000K] 80 [4000K] 80 [6500K]	90	Ø104xH41	Ø85	3000K / 4000K / 6500K [≥Ra80]	25000	Polycarbonate
NEW	FDM70100v0	8	620 [3000K] 650 [4000K] 650 [6500K]	78 [3000K] 81 [4000K] 81 [6500K]	90	Ø122xH41	Ø105	3000K / 4000K / 6500K [≥Ra80]	25000	Polycarbonate

i Integrated LED luminaire

MEGAMAN® SIENALITE

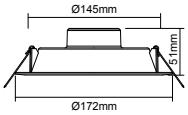
FDM70200v0





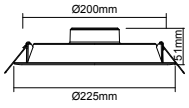
FDL70200v0





FDL70300v0





220-240V

White (WH26)

Economy Series

	Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Material
NEW	FDM70200v0	13	1000 [3000K] 1050 [4000K] 1050 [6500K]	77 [3000K] 81 [4000K] 81 [6500K]	90	Ø148xH51	Ø125	3000K / 4000K / 6500K [≥Ra80]	25000	Polycarbonate
NEW	FDL70200v0	17	1380 [3000K] 1450 [4000K] 1450 [6500K]	81 [3000K] 85 [4000K] 85 [6500K]	90	Ø172xH51	Ø145	3000K / 4000K / 6500K [≥Ra80]	25000	Polycarbonate
NEW	FDL70300v0	24	1900 [3000K] 2000 [4000K] 2000 [6500K]	79 [3000K] 83 [4000K] 83 [6500K]	90	Ø225xH51	Ø200	3000K / 4000K / 6500K [≥Ra80]	25000	Polycarbonate

i Integrated LED luminaire

MEGAMAN® PLANEX









MEGAMAN® PLANEX



MEGAMAN® PLANEX

Downlight

Ideal for any ceiling with limited depth, MEGAMAN® PLANEX has an ultra slim profile for small cabinets and furniture lighting where space is restricted. Working with LED GX53 lamps, it delivers excellent light output with up to 25,000 hours lifetime without the disadvantages of the extreme heat of halogens such as overheating, discolouration and deformation to furniture and display items.

Features

- Slim design with a recess depth of only 28mm for ultra low profile use.
- Perfect for restricted spaces as well as conventional recessed applications
- Adjustable head (±20° tilt angle) for a subtle directional effect
- Can be built in to furniture
- End user serviceable GX53 LED lamp
- Lamp life up to 25,000 hours

Applications

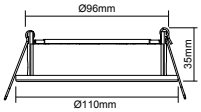
- Restricted depth recessed ceilings
- Moodlighting in both domestic and hospitality use
- Furniture lighting
- Kitchen cabinets

MEGAMAN® PLANEX

FDS70618v0



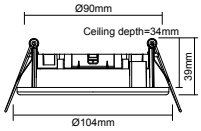
±20° | IP20 | Class II



L0504RC



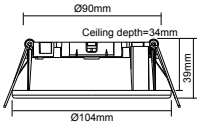
IP20 | Class II



F01018RC



IP20 | Class II

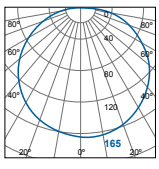


White (FDS706018v0) (WH11 - F01018RC / L0504RC)

Silver (SV22)

	Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials
NEW	FDS70618v0	7	Ø110 x H35	Ø96	LED GX53	GX53	Polycarbonate
	L0504RC	7	Ø104 x H39	Ø90	LED GX53	GX53	Polycarbonate
	F01018RC	7	Ø104 x H39	Ø90	LED GX53	GX53	Polycarbonate





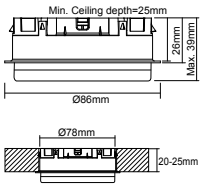
Please refer to page ?? for more light source information.

MEGAMAN® PLANEX

F02718RC



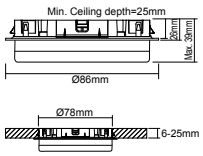
IP20 | Class II



F02818RC



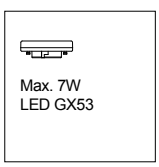
IP20 | Class II

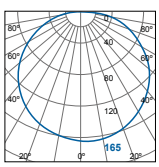


White WH21

Silver (SV22)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials
F02718RC	7	Ø86 x H26	Ø78	LED GX53	GX53	Steel
F02818RC	7	Ø86 x H26	Ø78	LED GX53	GX53	Steel





Please refer to page ?? for more light source information.

MEGAMAN® CARLO and CARLO MINI





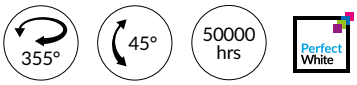


MEGAMAN® CARLO and CARLO MINI



MEGAMAN® CARLO and CARLO Mini

Adjustable LED downlight



MEGAMAN® CARLO is a range of recessed adjustable LED downlights that offer excellent lighting performance, and can be used to replace up to 50W metal halide fittings. Adjustable up to 45° tilting angle and 355° rotation angle, MEGAMAN® CARLO is an ultra-flexible energy saving solution for shop lighting.

Working with the TECOH® RDx LED module, MEGAMAN® CARLO delivers even light distribution which illuminates the retail space without the shortcomings of equivalent metal halide solutions. MEGAMAN® CARLO can work with the TECOH® MHx LED module to accentuate merchandising displays with low glare to ensure visual comfort.

MEGAMAN® CARLO is available with Perfect White, a new technology that intensifies and brightens the white in objects it illuminates. Especially recommended for retail lighting, Perfect White also enhances general commercial lighting applications.

MEGAMAN® CARLO is also available in a mini version which is more compact in size and ideal as a 20W or 35W metal halide replacement.

Features

- Offers excellent lighting performance of up to 3800lm
- Offers good cut-off angle of up to 40° to ensure visual comfort
- Ultra flexible with 45° tilting angle and 355° rotation angle
- Perfect White options available – a new technology that intensifies and brings whites to life
- High CRI version: Ra94 available
- More compact version available for 20W and 35W metal halide replacement
- Capable of linear dimming when working with a DALI, DSI or 1-10V dimming driver
- External driver required

Applications

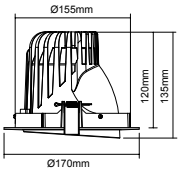
- Shops and boutiques
- Galleries and museums
- Department stores
- Exhibition booths
- Commercial buildings

MEGAMAN® CARLO

F28249RC



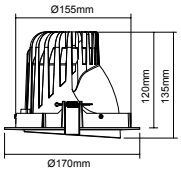
35° 60° 355° 45° IP20 Class III



F28249RC-R9



35° 60° 355° 45° IP20 Class III

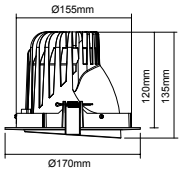


F28249RC-p

Perfect White



35° 60° 355° 45° IP20 Class III



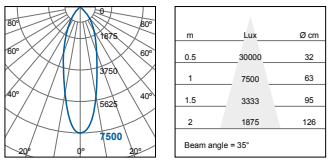
White (WH26)

Silver (SV26)

Model No.	Input Current (mA)	Nominal Voltage	Wattage[2] (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Light Source	Materials	Suggested Driver
F28249RC	1050	DC31-37V	35	3600 [3000K] 3800 [4000K]	103 [3000K] 109 [4000K]	Ø170 x H135	Ø155	7500 [35°] 4500 [60°]	3000K / 4000K [Ra82]	50000	Dimmable[1]	TECOH® RDx RD0343M with input current 1050mA	Metal housing	LD0436x1-C1050 / LD0425x1-C700
F28249RC-R9	1050	DC31-37V	35	3000 [3000K] 3160 [4000K]	86 [3000K] 90 [4000K]	Ø170 x H135	Ø155	5800 [35°]	3000K / 4000K [>Ra95]	50000	Dimmable[1]		Metal housing	
F28249RC-p*	700	DC40-46V	31	2400 [3000K]	77 [3000K]	Ø170 x H135	Ø155	5500 [35°] 3500 [60°]	3000K / 4000K [Ra82]	50000	Dimmable[1]	TECOH® RDx RD0555M-p with input current 700mA	Metal housing	LA11053

Luminaire with LED Module TECOH® RDx RD0343M (1050mA)

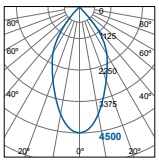
F28249RC-35°



m	Lux	Ø cm
0.5	30000	32
1	7500	63
1.5	3333	95
2	1875	126

Beam angle = 35°

F28249RC-60°

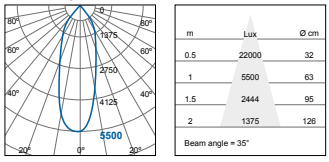


m	Lux	Ø cm
0.5	18000	58
1	4500	115
1.5	2000	173
2	1125	231

Beam angle = 60°

Luminaire with LED Module TECOH® RDx RD0343M-p (700mA)

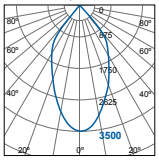
F28249RC-p-35°



m	Lux	Ø cm
0.5	22000	32
1	5500	63
1.5	2444	95
2	1375	126

Beam angle = 35°

F28249RC-p-60°



m	Lux	Ø cm
0.5	14000	58
1	3500	115
1.5	1556	173
2	875	231

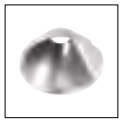
Beam angle = 60°



Working with TECOH® RDx LED Module

Please refer to page ?? for more information on TECOH® RDx

Different reflectors options available



LA3107
35° Reflector



LA3108
60° Reflector

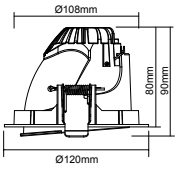
* Preliminary data
[1] Capable of linear dimming when working with DALI, DSI or 1-10V dimming driver, and the dimming performance depends on the specification of driver. Please contact us for details.
[2] The wattage declared is the wattage of the luminaire without driver; the system wattage will be dependent on driver choice.

MEGAMAN® CARLO Mini

F51549RC



35° 60° 355° 45° IP20 Class III

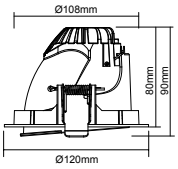


F51549RC-p

Perfect White



35° 60° 355° 45° IP20 Class III

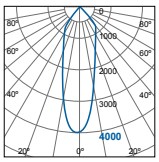


White (WH26) Silver (SV26)

Model No.	Input Current (mA)	Nominal Voltage	Wattage[2] (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Light Source	Materials	Suggested Driver
F51549RC	700	DC35-38.5V	25	2200 [3000K] 2400 [4000K]	88 [3000K] 96 [4000K]	Ø120 x H90	Ø108	4000 [35°] 2700 [60°]	3000K / 4000K [Ra82]	50000	Dimmable[1]	TECOH® RDx RD0231M with input current 700mA	Metal housing	LD0425x1-C700
F51549RC-p*	700	DC33-39V	25	1800 [3000K]	72 [3000K]	Ø120 x H90	Ø108	3200 [35°] 2100 [60°]	3000K [Ra82]	50000	Dimmable[1]	TECOH® RDx RD0231M-p with input current 700mA	Metal housing	LD0425x1-C700

Luminaire with LED Module TECOH® RDx RD0231M (700mA)

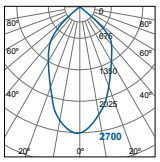
F51549RC-35°



m	Lux	Ø cm
0.5	16000	32
1	4000	63
1.5	1778	95
2	1000	126

Beam angle = 35°

F51549RC-60°

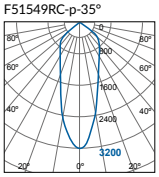


m	Lux	Ø cm
0.5	10800	58
1	2700	115
1.5	1200	173
2	675	231

Beam angle = 60°

Luminaire with LED Module TECOH® RDx RD0231M-p (700mA)

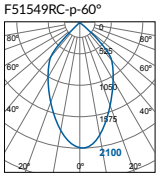
F51549RC-p-35°



m	Lux	Ø cm
0.5	12800	32
1	3200	63
1.5	1422	95
2	800	126

Beam angle = 35°

F51549RC-p-60°



m	Lux	Ø cm
0.5	8400	58
1	2100	115
1.5	933	173
2	525	231

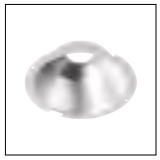
Beam angle = 60°



Working with TECOH® RDx LED Module

Please refer to page ?? for more information on TECOH® RDx

Different reflectors options available



LA3111
35° Reflector



LA3112
60° Reflector

* Preliminary data
[1] Capable of linear dimming when working with DALI, DSI or 1-10V dimming driver, and the dimming performance depends on the specification of driver. Please contact us for details.
[2] The wattage declared is the wattage of the luminaire without driver; the system wattage will be dependent on driver choice.

MEGAMAN® CARDO



MEGAMAN® CARDO



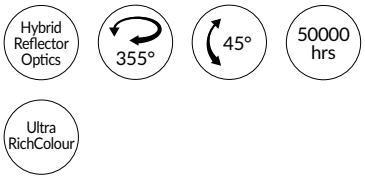
MEGAMAN® CARDO

Adjustable LED downlight

MEGAMAN® CARDO is a range of recessed adjustable LED downlights for accent & display lighting with excellent performance, great functionality and consistency in design. The range is highly flexible with 45° tilt and 355° rotation angles to create optimal scenes in various indoor applications. In addition, the luminaire has interchangeable aluminum reflectors of 15°, 35° and 65° enhancing flexibility on site and reducing stock in the supply chain.

Features

- Recessed adjustable LED downspot for accent and display lighting without track
- Excellent lighting performance of up to 5000lm
- Good cut-off angle of up to 40° to ensure visual comfort
- Ultra-flexible with 45° tilting angle and 355° rotation angle
- High colour rendering index of >97 with MEGAMAN® Ultra RichColour option
- More compact version available for 20W and 35W metal halide replacement
- Uses an external driver with industry standard constant current level
- Compatible with a wide range of drivers available on the market
- Allows use with standard dimming drivers such as DALI, DSI or 1-10V for linear dimming
- Interchangeable aluminium reflector of 25° and 45° for flexibility on site and less stock



Applications

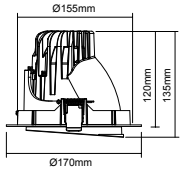
- Shops and boutiques
- Galleries and museums
- Department stores
- Exhibition booths
- Commercial buildings

MEGAMAN® CARDO

FDL70900v0-ex+015D /
FDL70900v0-ex+035D /
FDL70900v0-ex+060D /



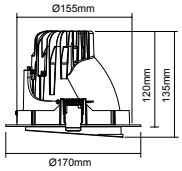
15° 35° 60° 355° 45° IP20 Class III



FDL70900v0-ex/ru+015D /
FDL70900v0-ex/ru+035D /
FDL70900v0-ex/ru+060D



15° 35° 60° 355° 45° IP20 Class III Ra97



SCDM ≤3 | -30°C ~ +40°C

White (WH26) | Silver (SV26)

MEGAMAN® CARDO | 3800lm

Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp. [CRI]	Rated life at L80 B10 at Ta25°C (hrs)	Material
FDL70900v0-ex+015D	1050	DC 33-37V	37	3500 [3000K] 3700 [4000K]	95 [3000K] 100 [4000K]	15	Ø170 x H135	Ø155	3000K / 4000K [≥Ra80]	50000	Aluminium
FDL70900v0-ex+035D	1050	DC 33-37V	37	3600 [3000K] 3800 [4000K]	97 [3000K] 103 [4000K]	35	Ø170 x H135	Ø155	3000K / 4000K [≥Ra80]	50000	Aluminium
FDL70900v0-ex+060D	1050	DC 33-37V	37	3600 [3000K] 3800 [4000K]	97 [3000K] 103 [4000K]	60	Ø170 x H135	Ø155	3000K / 4000K [≥Ra80]	50000	Aluminium
FDL70900v0-ex/ru+015D Ra97	1050	DC 33-37V	37	2650 [3000K] 2850 [4000K]	72 [3000K] 77 [4000K]	15	Ø170 x H135	Ø155	3000K / 4000K [Ra97]	50000	Aluminium
FDL70900v0-ex/ru+035D Ra97	1050	DC 33-37V	37	2700 [3000K] 2900 [4000K]	73 [3000K] 78 [4000K]	35	Ø170 x H135	Ø155	3000K / 4000K [Ra97]	50000	Aluminium
FDL70900v0-ex/ru+060D Ra97	1050	DC 33-37V	37	2700 [3000K] 2900 [4000K]	73 [3000K] 78 [4000K]	60	Ø170 x H135	Ø155	3000K / 4000K [Ra97]	50000	Aluminium

LED Driver



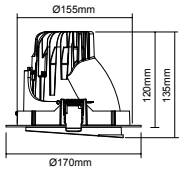
LD0436x1-C1050

MEGAMAN® CARDO

FDL70900v1-ex+015D /
FDL70900v1-ex+035D /
FDL70900v1-ex+060D /



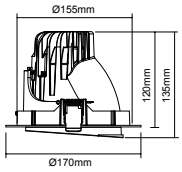
15° 35° 60° 355° 45° IP20 Class III



FDL70900v1-ex/ru+015D /
FDL70900v1-ex/ru+035D /
FDL70900v1-ex/ru+060D



15° 35° 60° 355° 45° IP20 Class III Ra97



SCDM ≤3 | -30°C ~ +40°C

White (WH26) | Silver (SV26)

MEGAMAN® CARDO | 5000lm

Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp. [CRI]	Rated life at L80 B10 at Ta25°C (hrs)	Material
FDL70900v1-ex+015D	1400	DC 33-37V	49	4700 [3000K] 4900 [4000K]	96 [3000K] 100 [4000K]	15	Ø170 x H135	Ø155	3000K / 4000K [≥Ra80]	50000	Aluminium
FDL70900v1-ex+035D	1400	DC 33-37V	49	4800 [3000K] 5000 [4000K]	98 [3000K] 102 [4000K]	35	Ø170 x H135	Ø155	3000K / 4000K [≥Ra80]	50000	Aluminium
FDL70900v1-ex+060D	1400	DC 33-37V	49	4800 [3000K] 5000 [4000K]	98 [3000K] 102 [4000K]	60	Ø170 x H135	Ø155	3000K / 4000K [≥Ra80]	50000	Aluminium
FDL70900v1-ex/ru+015D Ra97	1400	DC 33-37V	49	3600 [3000K] 3800 [4000K]	73 [3000K] 78 [4000K]	15	Ø170 x H135	Ø155	3000K / 4000K [Ra97]	50000	Aluminium
FDL70900v1-ex/ru+035D Ra97	1400	DC 33-37V	49	3700 [3000K] 3900 [4000K]	76 [3000K] 80 [4000K]	35	Ø170 x H135	Ø155	3000K / 4000K [Ra97]	50000	Aluminium
FDL70900v1-ex/ru+060D Ra97	1400	DC 33-37V	49	3700 [3000K] 3900 [4000K]	76 [3000K] 80 [4000K]	60	Ø170 x H135	Ø155	3000K / 4000K [Ra97]	50000	Aluminium

Accessory



LA11023
Non-dimmable driver

MEGAMAN® RICO









MEGAMAN® RICO



MEGAMAN® RICO

Ultra slim LED downlight

MEGAMAN® RICO is a full range of ultra slim LED downlights that is ideal for any ceiling recess with a limited depth; it is also suitable for small cabinets and furniture lighting where space is severely restricted. The MEGAMAN® RICO family has a full range of sizes 3", 4", 5", 6" and 8" with different lumen packages, providing a perfect alternative to CFL luminaires (1x18W up to 2x26W). It operates with industry standard constant current, which is compatible with a wide range of drivers available on the market. These luminaires can also be dimmed when working with standard dimming drivers such as DALI, DSI or 1-10V.

Up to IP44

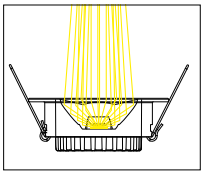
Class III

Features

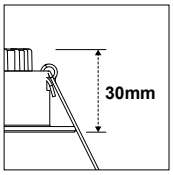
- Ideal for any ceiling recess with limited depth
- Suitable for small cabinets and furniture lighting where space is restricted
- Uses an external driver with industry standard constant current levels
- Compatible with a wide range of drivers available on the market
- Allows use with standard dimming drivers such as DALI, DSI or 1-10V for linear dimming
- Full range of sizes 3", 4", 5", 6" and 8" for a perfect alternative to CFL luminaires (1x18W up to 2x26W)
- Most of the models have IP44 protection, which is ideal for use in humid and damp areas such as bathrooms or kitchens
- Minimises storage and transportation costs

Applications

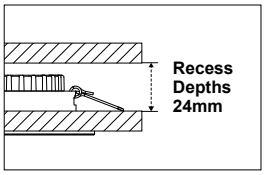
- Shops
- Offices
- Hotels
- Corridors
- Shopping malls
- Workstations
- Study rooms
- Display shelves
- Kitchen cabinets and counters
- Bathrooms (with IP44 version)
- Wardrobes



The latest MEGAMAN® Hybrid Reflector technology delivers excellent optical efficacy, better beam control and less spill light



Designed with a height of only 30mm, making it ideal for limited recess depths



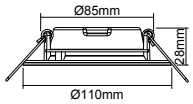
Ultra-Low Profile version together with extra small drivers are now available, perfect for limited recess depths with only 24mm, such as furniture and cabinet lightings

MEGAMAN® RICO

F27500RC



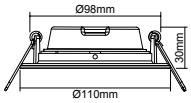
IP44 | Class III



F27600RC



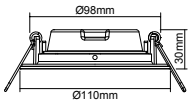
30° | IP20 | Class III



F28400RC



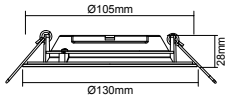
45° | 30° | IP20 | Class III



F29600RC



IP44 | Class III

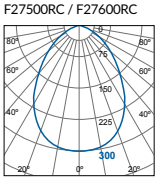


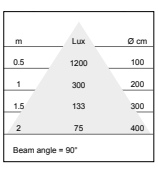
White (WH26)

Silver (SV26)

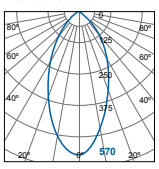
Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Materials	Suggested Driver
F27500RC	350	DC17-21V	7	550	79	Ø110 x H28	Ø85	300 [90°]	2800K / 4000K / 6500K [>Ra80]	25000	Dimmable[1]	Metal housing with plastic diffuser	LD0208x1d-C350
F27600RC	350	DC17-21V	7	550	79	Ø110 x H30	Ø98	300 [90°]	2800K / 4000K / 6500K [>Ra80]	25000	Dimmable[1]	Metal housing with plastic diffuser	LD0208x1d-C350
F28400RC	350	DC18-20V	7	550	79	Ø110 x H30	Ø98	570 [45°]	2800K / 4000K / 6500K [>Ra80]	25000	Dimmable[1]	Metal housing with plastic diffuser	LD0208x1d-C350
F29600RC	350	DC20-23V	7	550	79	Ø130 x H28	Ø105	270 [110°]	2800K / 4000K / 6500K [>Ra80]	25000	Dimmable[1]	Metal housing with plastic diffuser	LD0208x1d-C350

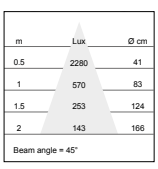
F27500RC / F27600RC



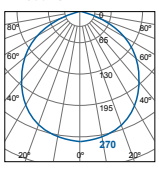


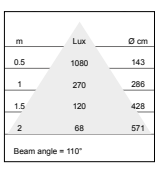
F28400RC





F29600RC





List of suggested MEGAMAN® LED converter

Driver Model No.	Input Voltage (V)	Output Current (mA)	Output Voltage	Lamp Wattage (W)	Power Factor (λ)	Dimmable
LD0208x1d-C350	220-240	350	DC18-22V	8	>0.7	100-10% (triac dimming)

Integrated LED luminaire

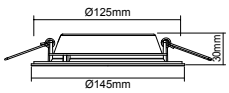
External driver with output current and nominal voltage corresponding to the input current and nominal voltage of the luminaire is required.
For example, the external driver with output current of 350mA and nominal voltage of DC17-21V is required for F27500RC.
[1] Capable of linear dimming when working with DALI, DSI or 1-10V dimming driver, and the dimming performance depends on the specification of driver. Please contact us for details.

MEGAMAN® RICO

F29700RC



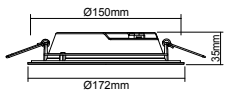
IP44 | Class III



F29800RC



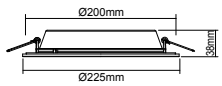
IP44 | Class III



F29900RCv1



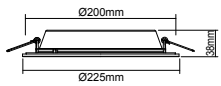
IP44 | Class III



F29900RC



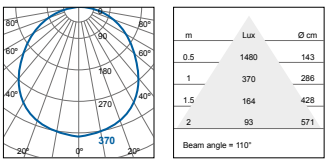
IP44 | Class III



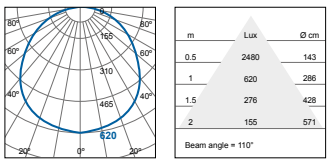
White (WH26) | Silver (SV26)

Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Materials	Suggested Driver
F29700RC	350	DC28-33V	11	950	86	Ø145 x H30	Ø125	370 [110°]	2800K / 4000K / 6500K [>Ra80]	25000	Dimmable[1]	Metal housing with plastic diffuser	LD0212x1-C350
F29800RC	500	DC37-43V	19	1560	82	Ø172 x H35	Ø150	620 [110°]	2800K / 4000K / 6500K [>Ra80]	25000	Dimmable[1]	Metal housing with plastic diffuser	LD0219x1-C500
F29900RCv1	700	DC34-40V	25	2000	80	Ø225 x H38	Ø200	880 [110°]	2800K / 4000K / 6500K [>Ra80]	25000	Dimmable[1]	Metal housing with plastic diffuser	LD0425x1-C700
F29900RC High Output	1050	DC28-33V	32	2700	84	Ø225 x H38	Ø200	1100 [110°]	2800K / 4000K / 6500K [>Ra80]	25000	Dimmable[1]	Metal housing with plastic diffuser	LD0436x1-C1050

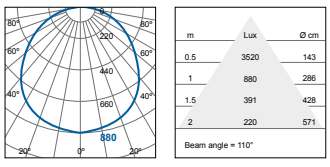
F29700RC



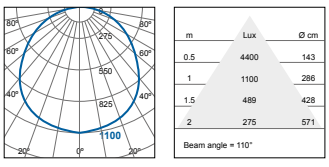
F29800RC



F29900RCv1



F29900RC



List of suggested MEGAMAN® LED converter

Driver Model No.	Input Voltage (V)	Output Current (mA)	Output Voltage	Lamp Wattage (W)	Power Factor (λ)	Dimmable
LD0212x1-C350	220-240	350	DC28-43V	12	>0.9	Non-dimmable
LD0219x1-C500	220-240	500	DC28-43V	19	>0.9	Non-dimmable
LD0219x1v-C500	220-240	500	DC28-43V	19	>0.9	100-1% (1-10V)
LD0425x1-C700	220-240	700	DC30-43V	25	>0.9	Non-dimmable
LD0425x1v-C700	220-240	700	DC30-43V	25	>0.9	100-1% (1-10V)
LD0436x1-C1050	220-240	1050	DC25-38V	35	>0.9	Non-dimmable

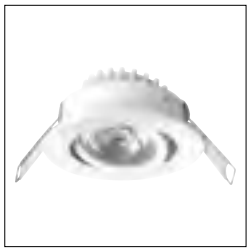
Integrated LED luminaire

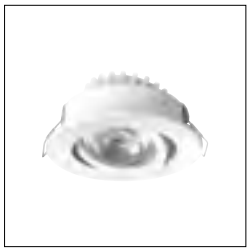
External driver with output current and nominal voltage corresponding to the input current and nominal voltage of the luminaire is required.
For example, the external driver with output current of 350mA and nominal voltage of DC28-33V is required for F29700RC.

[1] Capable of linear dimming when working with DALI, DSI or 1-10V dimming driver, and the dimming performance depends on the specification of driver. Please contact us for details.

MEGAMAN® RICO HR







MEGAMAN® RICO HR



MEGAMAN® RICO HR

Ultra slim LED downlight

In response to the market needs for ultra slim LED downlight, MEGAMAN®RICO HR is the perfect solution for the ceiling recess with limited depth. MEGAMAN®RICO HR is designed to continue the successes of the MEGAMAN®RICO downlight range, which stands for optimal lighting performance, great functionality and consistency in design. The cut-out is 68 mm, as well as the standard 36° beam angle and adjustable 25° tilting angle. The luminaire is suitable for various kinds of applications.

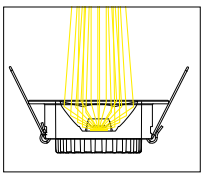
Features:

- Ideal for any ceiling recess with limited path
- Suitable for small cabinets and furniture lighting where space is restricted
- Uses an external driver with industry standard constant current levels
- Compatible with a wide range of drivers available on the market
- Allows use with standard dimming drivers such as DALI, DSL or 1-10V for linear dimming
- IP44 protection enables the use in humid and damp areas such as bathrooms or kitchens
- Minimizes storage and transportation costs

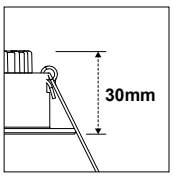
IP44 RichColour Dim to WARM

Applications

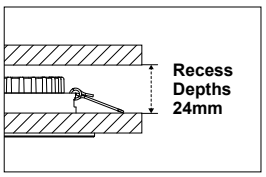
- Shops
- Offices
- Hotels
- Corridors
- Shopping malls
- Workstations
- Study rooms
- Display shelves
- Kitchen cabinets and counters
- Bathrooms
- Wardrobes



The latest MEGAMAN® Hybrid Reflector technology delivers excellent optical efficacy, better beam control and less spill light



Designed with a height of only 30mm, making it ideal for limited recess depths



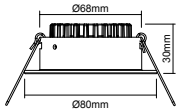
Ultra-Low Profile version together with extra small drivers are now available, perfect for limited recess depths with only 24mm, such as furniture and cabinet lightings

MEGAMAN® RICO HR

F53500RC / F53500RCv2



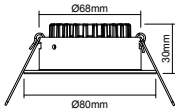
25° IP44 Class III



F53500RC-R9



25° IP44 Class III Ra95

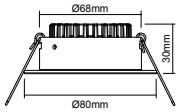


F53500RC-w

Dim to WARM



25° IP44 Class III

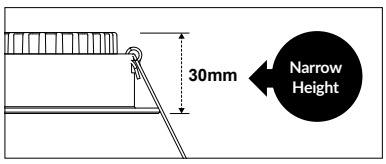


DC16-21V

White (WH26) Silver (SV26) Nickel (NI53)

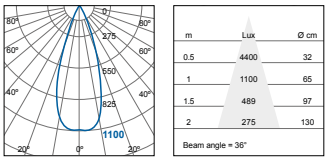
Standard Version

Model No.	Input Current (mA)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Materials	Suggested Driver
F53500RC	350	6.5	500	77	36	1100	Ø80 x H30	Ø68	2800K / 4000K [>Ra80]	25000	Dimmable [2]	Metal housing with hybrid reflector	LD0509x1d-C350 U-DIM
F53500RC-R9 Ra95	350	6.5	430	66	36	950	Ø80 x H30	Ø68	2800K / 4000K [>Ra95]	25000	Dimmable [2]	Metal housing with hybrid reflector	LD0509x1d-C350 U-DIM
F53500RC-w Dim to WARM	350	6.5	500	77	36	1100	Ø80 x H30	Ø68	2800K- 1800K [>Ra80]	25000	Dimmable [2] (2800K-1800K)	Metal housing with hybrid reflector	LD0509x1d-C350 U-DIM
F53500RCv2	500	9	900	100	36	2400	Ø80 x H30	Ø68	2800K / 4000K [>Ra80]	50000 [1]	Dimmable [2]	Metal housing with hybrid reflector	LD0512x1d-C500 U-DIM

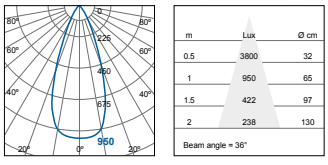


U-DIM™
Compatible with BOTH Leading-edge and Trailing-edge Conventional Dimmers for 100-5% Linear Dimming
when MEGAMAN® RICO HR working with MEGAMAN® drivers LD0509x1d-C350 and LD0512x1d-C500

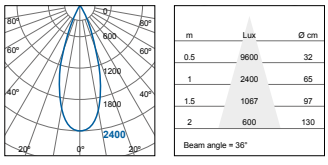
F53500RC / F53500RC-w



F53500RC-R9



F53500RCv2



External driver with output current and nominal voltage corresponding to the input current and nominal voltage of the luminaire is required.
For example, the external driver with output current of 350mA and nominal voltage of DC16-21V is required for F53500RC.

Integrated LED luminaire

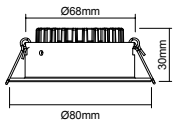
[1] The rated life of F53500RCv2 and F62300RCv2 is 50000hrs at L70 B50 at Ta25°C
[2] Capable of linear dimming when working with DALI, DSI or 1-10V dimming drivers, and the dimming performance depends on the specification of driver.

MEGAMAN® RICO HR

F62300RC / F62300RCv2



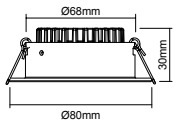
25° | IP44 | Class III



F62300RC-R9



25° | IP44 | Class III | Ra95

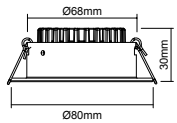


F62300RC-w

Dim to WARM



25° | IP44 | Class III

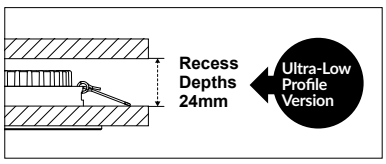


DC16-21V

White (WH26) | Silver (SV26) | Nickel (NI53)

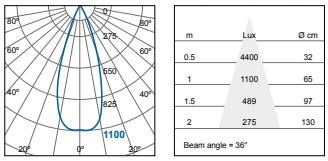
Ultra-Low Profile Version

Model No.	Input Current (mA)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Dimmable	Materials	Suggested Driver
F62300RC	350	6.5	500	77	36	1100	Ø80 x H30	Ø68	2800K / 4000K [>Ra80]	25000	Dimmable [2]	Metal housing with hybrid reflector	LD0509x1d-C350
F62300RC-R9 Ra95	350	6.5	430	66	36	950	Ø80 x H30	Ø68	2800K / 4000K [>Ra95]	25000	Dimmable [2]	Metal housing with hybrid reflector	LD0509x1d-C350
F62300RC-w Dim to WARM	350	6.5	500	77	36	1100	Ø80 x H30	Ø68	2800K- 1800K [>Ra80]	25000	Dimmable [2] (2800K-1800K)	Metal housing with hybrid reflector	LD0509x1d-C350
F62300RCv2	500	9	900	100	36	2400	Ø80 x H30	Ø68	2800K / 4000K [>Ra80]	50000 [1]	Dimmable [2]	Metal housing with hybrid reflector	LD0512x1d-C500



U-DIM™
Compatible with BOTH Leading-edge and Trailing-edge Conventional Dimmers for 100-5% Linear Dimming
when MEGAMAN® RICO HR working with MEGAMAN® drivers LD0509x1d-C350 and LD0512x1d-C500

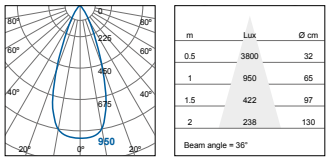
F62300RC / F62300RC-w



m	Lux	Ø cm
0.5	4400	32
1	1100	65
1.5	489	97
2	275	130

Beam angle = 36°

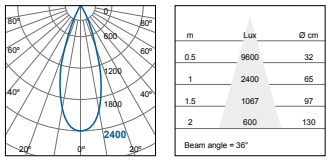
F62300RC-R9



m	Lux	Ø cm
0.5	3800	32
1	950	65
1.5	422	97
2	238	130

Beam angle = 36°

F62300RCv2



m	Lux	Ø cm
0.5	9600	32
1	2400	65
1.5	1067	97
2	600	130

Beam angle = 36°

External driver with output current and nominal voltage corresponding to the input current and nominal voltage of the luminaire is required.
For example, the external driver with output current of 350mA and nominal voltage of DC16-21V is required for F53500RC.

Integrated LED luminaire

[1] The rated life of F53500RCv2 and F62300RCv2 is 50000hrs at L70 B50 at Ta25°C
[2] Capable of linear dimming when working with DALI, DSI or 1-10V dimming drivers, and the dimming performance depends on the specification of driver.

MEGAMAN® ANNA







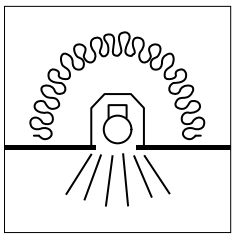
MEGAMAN® ANNA

Integrated LED downlight

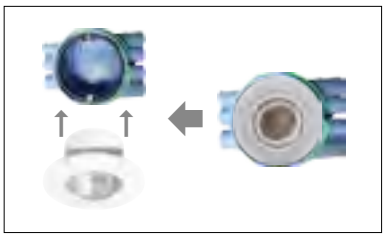
MEGAMAN® ANNA is a cost effective integrated LED downlight solution that is an ideal replacement for halogen PAR16 and GX53 downlights. In response to the market need for high-quality light effects, RichColour and U-dim options are also available. MEGAMAN® ANNA's compact design, with built-in driver, can be used with a prefabricated junction box for easy installation. Furthermore, due to MEGAMAN® ANNA's excellent thermal management it is suitable for mounting directly in thermally insulated ceiling recesses.

Features

- Compatible to install with prefabricated junction box and recess mounting
- MEGAMAN® ANNA can be covered by thermal insulation materials for recessed installation.
- With MEGAMAN® U-DIM™ feature, which are compatible with both lead-edge and trailing-edge conventional dimmers and enhanced dimming range of 100% to 5%
- Magnetic for mounting cover, offers flexibility to change different trim, minimize inventory and transportation costs
- Options available in RichColour



Can be covered by thermal insulation materials for recessed installation



Compatible with prefabricated ABB AU67 junction box



Applications

- Retails
- Hotels
- Restaurants
- Office

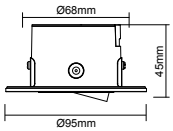


MEGAMAN® ANNA

FDS70000v1



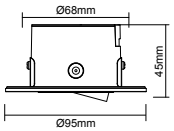
36° 30° IP20 IP44 Class II



FDS70000v0-dm U-DIM



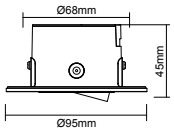
36° 30° IP20 IP44 Class II



FDS70000v0-dm/r9 U-DIM



36° 30° IP20 IP44 Class II

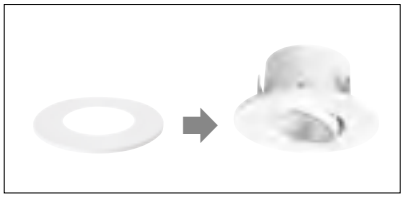


220-240V

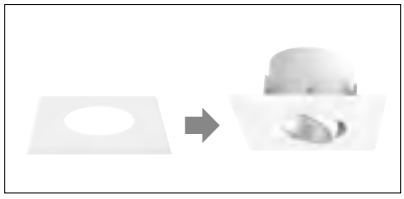
White (WH26)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Cut-out (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Material
FDS70000v1	5	500	100	36	Ø95 x H45	Ø68	2800K / 4000K [>Ra80]	35000	>0.7	Polycarbonate
FDS70000v0-dm U-DIM	5	420	84	36	Ø95 x H45	Ø68	2800K / 4000K [>Ra80]	35000	>0.7	Polycarbonate
FDS70000v0-dm/r9 U-DIM	5	350	70	36	Ø95 x H45	Ø68	2800K [>Ra90]	35000	>0.7	Polycarbonate

Accessory



LA10052
Circular Cover



LA10053
Square Cover

Integrated LED luminaire

MEGAMAN® ABBY







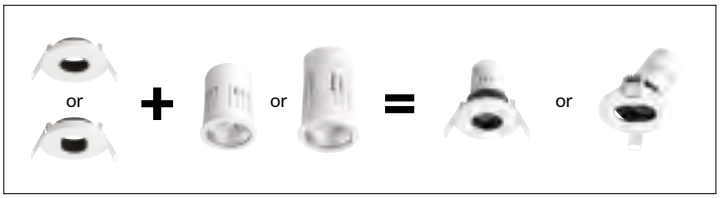
MEGAMAN® ABBY

Fixed and wall wash pin-hole downlights

MEGAMAN® ABBY includes both fixed pin-hole and wall wash with 30° titling angle. With the innovative full recessed design with black baffle, it offers dark light with no glare for visual comfort. Featuring the TECOH®THx modular system, it offers different combinations of lighting optics and excellent lighting performance. The TECOH®THx comes with the Dim to Warm technology and U-DIM™ technology, enabling it available for various applications and requirements.

Features

- Works with serviceable TECOH® THx LED light engine, delivering excellent lighting performance for the replacement of traditional halogen 50W MR16 and PAR16 pin-hole downlights
- Fixed pin-hole design for accent lighting and wall wash with 30° tilt angle
- Full recessed design with black baffle provides dark lighter effect with no glare, ideal for dramatic accent lighting
- TECOH® THx is available in Dim to Warm, linear dimming and *INGENIUM*® BLU Gen 2 versions for halogen MR16 and PAR16 pin-hole downlight replacements
- LED light engine TECOH® THx TH0205d and TH0205w come with U-DIM™ technology, which are compatible with the widest possible range of existing dimmers (both leading-edge and trailing-edge conventional dimmers) and provide an enhanced dimming range of 100% to 5%
- For easy stock management, different colour trims are integrated into the fitting. The trim colour of the TECOH® THx can be hidden and the whole fitting remains in a unified colour



Designed with modular heads and interchangeable trim to cater for different combinations of pin-hole and wall wash features, and easy stock management

30°

IP23

U-DIM

Dim to WARM

Applications

- Retail
- Window display
- Galleries
- Museums
- Hotels
- Corridors

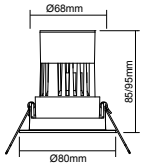


MEGAMAN® ABBY

F54952RC



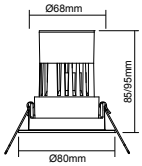
IP23



F55052RC



30° IP23



White (WH26) Black (BK24)

Fitting

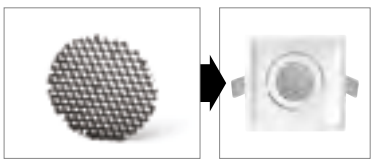
Model No.	Dimension (mm)	Height (mm)	Cut-Out (mm)	Materials
F54952RC	80	85 (TH0205) / 95 (TH0307 / TH0309)	Ø68	Die cast aluminium
F55052RC	80	85 (TH0205) / 95 (TH0307 / TH0309)	Ø68	Die cast aluminium

Specification of MEGAMAN® LED module TECOH® THx

White (WH26)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Luminous Flux in 90° Cone (lm)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Power Factor (λ)	Energy Label
TH0205-24D	7.5	500	67	460	24	3000	Ø50 x H65	2800K / 4000K [>Ra80]	25000	N/A	>0.7	A+
TH0205-36D	7.5	500	67	460	36	1100	Ø50 x H65	2800K / 4000K [>Ra80]	25000	N/A	>0.7	A+
TH0205d-24D	8	500	63	460	24	3000	Ø50 x H65	2800K / 4000K [>Ra80]	25000	100-5%	>0.9	A
TH0205d-36D	8	500	63	460	36	1100	Ø50 x H65	2800K / 4000K [>Ra80]	25000	100-5%	>0.9	A
TH0205w-36D	8	500	63	460	36	1100	Ø50 x H65	2800K - 1800K [>Ra80]	25000	100-5% (2800K - 1800K)	>0.9	A
TH0307-24D	8.5	700	82	640	24	4000	Ø50 x H75	2800K / 4000K [>Ra80]	25000	N/A	>0.9	A+
TH0307-36D	8.5	700	82	640	36	1500	Ø50 x H75	2800K / 4000K [>Ra80]	25000	N/A	>0.9	A+
TH0309-24D	10.5	900	86	830	24	5000	Ø50 x H75	2800K / 4000K [>Ra80]	25000	N/A	>0.9	A+
TH0309-36D	10.5	900	86	830	36	1900	Ø50 x H75	2800K / 4000K [>Ra80]	25000	N/A	>0.9	A+

Accessory



LA10024
Honeycomb louver for better glare control (optional)



Working with TECOH® THx LED Module

Please refer to page ?? for more information on TECOH® THx

When MEGAMAN® ABBY works with TECOH® THx LED light engines, it is a Class II luminaire.
TH0205d-24D, TH0205d-36D and TH0205w-36D with U-DIM™ feature are compatible with both leading-edge and trailing-edge dimmers for 100-5% linear dimming.

MEGAMAN® ZEKI













MEGAMAN® ZEKI



MEGAMAN® ZEKI

Multi-head gimbal luminaire

IP23 U-DIM Dim to WARM

MEGAMAN® ZEKI is a multi-head gimbals luminaire designed to replace traditional metal halide and halogen multi-head gimbals. Featuring the TECOH® THx modular system, it offers different combinations of lighting optics and performance. The TECOH® THx comes with the Dim to Warm technology and U-DIM™ technology, enabling it available for various applications and requirements.

Features

- Works with serviceable TECOH® THx LED light engine and module, delivering excellent lighting performance for the replacement of traditional 50W metal halide and 100W halogen AR111, 50W halogen MR16 and PAR16 multi-head gimbals
- The gimbal construction provides multi-directional tilting
- Modular system enables different combinations of lighting optics and performance
- For easy stock management, different colour trims for TECOH® THx (Ø111mm) are available. User can simply hide the trim colour of the TECOH® THx module by selecting the same colour trim for a unified colour of the whole fitting. For MEGAMAN® ZEKI Ø50, the colour trim is integrated into the fitting
- LED light engine TECOH® THx (Ø50mm) is available with Dim to Warm, linear dimming and *INGENIUM*® BLU Gen 2 technologies for halogen MR16 and PAR16 multi-head gimbal replacement
- LED light engine TECOH® THx TH0205d and TH0205w come with U-DIM™ technology, making them compatible with the widest possible range of existing dimmers (both leading-edge and trailing-edge conventional dimmers) and enhanced dimming range of 100% to 5%
- Trim, trimless and surface mounted designs available for different interior design and applications

Applications

- Retail,
- Window display
- Galleries
- Museums

MEGAMAN® ZEKI Ø111



MEGAMAN® ZEKI Ø50



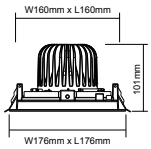
Modular heads designed with 1x, 2x and 3x heads with different optics available to cater for different combinations for flexible lighting design and easy stock management

MEGAMAN® ZEKI Ø111

F56353RC



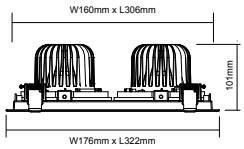
45° IP23



F56453RC



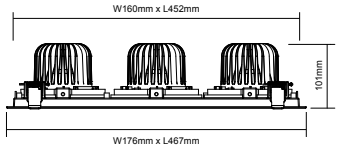
30° IP23



F56553RC



30° IP23



White (WH26) Silver (SV26) Black (BK24)

ZEKI Ø111 Fitting

Model No.	Dimension (mm)	Height (mm)	Cut-Out (mm)	Materials
F56353RC	L176 x W176	101 (TH0520 / TH0532)	L160 x W160	Die cast aluminium
F56453RC	L322 x W176	101 (TH0520 / TH0532)	L306 x W160	Die cast aluminium
F56553RC	L467 x W176	101 (TH0520 / TH0532)	L452 x W160	Die cast aluminium

White (WH26)

Specification of MEGAMAN® LED module TECOH® THx

Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Luminous Flux in 90° Cone (lm)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B10 and Tc 85°C (hrs)	Energy Label	Suggested Driver
TH0520-15D	700	DC34-39V	25	2000	80	1840	15	17800	Ø111 x H92	3000K / 4000K [>Ra80]	50000	A	LD0425x1-C700
TH0520-24D	700	DC34-39V	25	2000	80	1840	24	10200	Ø111 x H92	3000K / 4000K [>Ra80]	50000	A	LD0425x1-C700
TH0520-45D	700	DC34-39V	25	2000	80	1840	45	4450	Ø111 x H92	3000K / 4000K [>Ra80]	50000	A	LD0425x1-C700
TH0532-24D	1050	DC30-36V	35	3200	91	2940	24	16300	Ø111 x H92	3000K / 4000K [>Ra80]	50000	A+	LD0436x1-C1050
TH0532-45D	1050	DC30-36V	35	3200	91	2940	45	7100	Ø111 x H92	3000K / 4000K [>Ra80]	50000	A+	LD0436x1-C1050
TH0532-60D	1050	DC30-36V	35	3200	91	2940	60	4000	Ø111 x H92	3000K / 4000K [>Ra80]	50000	A+	LD0436x1-C1050



Working with TECOH® THx LED Module

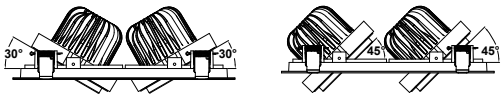
Please refer to page ?? for more information on TECOH® THx

Accessory



LA10023
Colour trim for TECOH® THx
TH0520 and TH0532 (optional)

Tilting angle of F56453RC and F56553RC



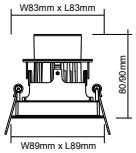
When MEGAMAN® ZEKI Ø111 works with TECOH® THx LED modules, it is a Class II luminaire.
A dimming feature is available and performance can be enhanced by driver choice, please contact us for details.

MEGAMAN® ZEKI Ø50

F55752RC



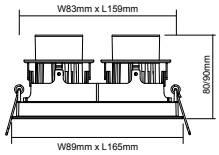
19° IP23



F55852RC



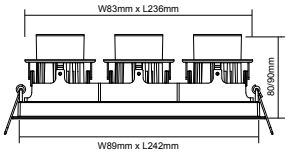
19° IP23



F55952RC



19° IP23



White (WH26) Silver (SV26) Black (BK24)

ZEKI Ø50 Fitting

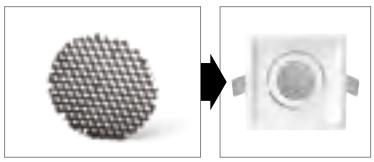
Model No.	Dimension (mm)	Height (mm)	Cut-Out (mm)	Materials
F55752RC	L89 x W89	80 (TH0205) / 90 (TH0307 / TH0309)	L83 x W83	Die cast aluminium
F55852RC	L165 x W89	80 (TH0205) / 90 (TH0307 / TH0309)	L159 x W83	Die cast aluminium
F55952RC	L242 x W89	80 (TH0205) / 90 (TH0307 / TH0309)	L236 x W83	Die cast aluminium

Specification of MEGAMAN® LED module TECOH® THx

White (WH26)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Luminous Flux in 90° Cone (lm)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Power Factor (λ)	Energy Label
TH0205-24D	7.5	500	67	460	24	3000	Ø50 x H65	2800K / 4000K [>Ra80]	25000	N/A	>0.7	A+
TH0205-36D	7.5	500	67	460	36	1100	Ø50 x H65	2800K / 4000K [>Ra80]	25000	N/A	>0.7	A+
TH0205d-24D	8	500	63	460	24	3000	Ø50 x H65	2800K / 4000K [>Ra80]	25000	100-5%	>0.9	A
TH0205d-36D	8	500	63	460	36	1100	Ø50 x H65	2800K / 4000K [>Ra80]	25000	100-5%	>0.9	A
TH0205w-36D	8	500	63	460	36	1100	Ø50 x H65	2800K - 1800K [>Ra80]	25000	100-5% (2800K - 1800K)	>0.9	A
TH0307-24D	8.5	700	82	640	24	4000	Ø50 x H75	2800K / 4000K [>Ra80]	25000	N/A	>0.9	A+
TH0307-36D	8.5	700	82	640	36	1500	Ø50 x H75	2800K / 4000K [>Ra80]	25000	N/A	>0.9	A+
TH0309-24D	10.5	900	86	830	24	5000	Ø50 x H75	2800K / 4000K [>Ra80]	25000	N/A	>0.9	A+
TH0309-36D	10.5	900	86	830	36	1900	Ø50 x H75	2800K / 4000K [>Ra80]	25000	N/A	>0.9	A+

Accessory



LA10024
Honeycomb louver for better glare control (optional)



Working with TECOH® THx LED Module

Please refer to page ?? for more information on TECOH® THx

When MEGAMAN® ZEKI Ø50 works with TECOH® THx LED light engines, it is a Class II luminaire.
TH0205d-24D, TH0205d-36D and TH0205w-36D with U-DIM™ feature are compatible with both leading-edge and trailing-edge dimmers for 100-5% linear dimming.

MEGAMAN® VITO







MEGAMAN® VITO

Adjustable LED downlight

Designed for shop and general lighting applications, MEGAMAN® VITO has a gimbal construction that provides multi-directional tilting. Integrated with MEGAMAN® TECOH® RDx LED module, the luminaire delivers superb lighting performance of up to 5600lm coupled with 50,000 hours useful life that makes it a perfect energy saving replacement solution for 70W metal halide.

Perfect White and dimming technologies can be incorporated, allowing MEGAMAN® VITO to provide different options for generating an enhanced colour experience in a variety of applications.

Features

- Provides an energy saving solution for shop and general lighting
- Delivers superb lighting performance up to 5600lm
- Offers good cut-off angle of 46° to ensure visual comfort
- The gimbal construction provides multi-directional tilting
- 35° and 60° medium to wide beam optics
- Perfect white option available – a new technology that intensifies and brings whites to life
- Dimming version is available [1]
- High CRI version: Ra94 available
- Easy installation
- External driver required
- Die cast aluminium housing



Applications

- Shops and boutiques
- Galleries and museums
- Department stores
- Exhibition booths
- Commercial buildings



Working with TECOH® RDx LED Module

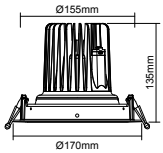
Please refer to page ?? for more information on TECOH® RDx

MEGAMAN® VITO

F29249RC



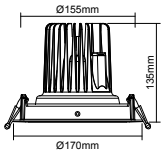
35° 60° ±30° IP23 Class III



F29349RC / F52349RC



35° 60° ±30° IP23 Class III

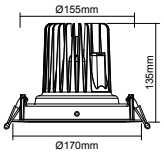


F29349RC-p

Perfect White



35° 60° ±30° IP23 Class III



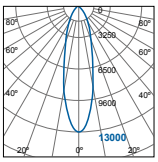
White (WH26)

Silver (SV26)

Model No.	Input Current (mA)	Nominal Voltage	Wattage[2] (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Built-in Cooling	Light Source	Materials	Suggested Driver
F29249RC	1400	DC43-48V	60	5100 [3000K] 5600 [4000K]	85 [3000K] 93 [4000K]	Ø170 x H135	Ø155	13000 [35°] 6600 [60°]	3000K / 4000K [Ra82]	50000	Dimmable[1]	Active	TECOH® RDx RD0555M with input current 1400mA	Metal housing	LA11023
F52349RC*	1400	DC43-48V	60	5100 [3000K] 5600 [4000K]	85 [3000K] 93 [4000K]	Ø170 x H135	Ø155	13000 [35°] 6600 [60°]	3000K / 4000K [Ra82]	50000	Dimmable[1]	Passive	TECOH® RDx RD0555M with input current 1400mA	Metal housing	LA11023
F29349RC	1050	DC43-48V	45	4100 [3000K] 4500 [4000K]	91 [3000K] 100 [4000K]	Ø170 x H135	Ø155	9000 [35°] 4900 [60°]	3000K / 4000K [Ra82]	50000	Dimmable[1]	Passive	TECOH® RDx RD0555M with input current 1050mA	Metal housing	LD0445x1-C1050
F29349RC-p* Perfect White	1050	DC42-48V	48	3100 [3000K]	65 [3000K]	Ø170 x H135	Ø155	7000 [35°] 4100 [60°]	3000K [Ra82]	50000	Dimmable[1]	Passive	TECOH® RDx RD0555M-p with input current 1050mA	Metal housing	LD0445x1-C1050

Luminaire with LED Module TECOH® RDx RD0555M (1400mA)

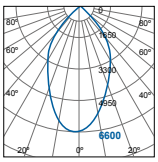
F29249RC-35° / F52349RC-35°



m	Lux	Ø cm
0.5	52000	32
1	13000	63
1.5	5778	95
2	3250	126

Beam angle = 35°

F29249RC-60° / F52349RC-60°

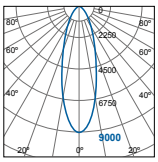


m	Lux	Ø cm
0.5	26400	58
1	6600	115
1.5	2933	173
2	1650	231

Beam angle = 60°

Luminaire with LED Module TECOH® RDx RD0555M (1050mA)

F29349RC-35°

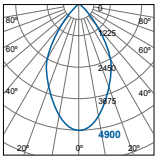


m	Lux	Ø cm
0.5	36000	32
1	9000	63
1.5	4000	95
2	2250	126

Beam angle = 35°

Luminaire with LED Module TECOH® RDx RD0555M (1050mA)

F29349RC-60°

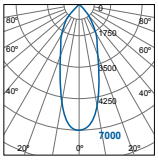


m	Lux	Ø cm
0.5	19600	58
1	4900	115
1.5	2178	173
2	1225	231

Beam angle = 60°

Luminaire with LED Module TECOH® RDx RD0555M-p (1050mA)

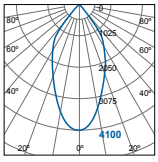
F29349RC-p-35°



m	Lux	Ø cm
0.5	28000	32
1	7000	63
1.5	3111	95
2	1250	126

Beam angle = 35°

F29349RC-p-60°



m	Lux	Ø cm
0.5	16400	58
1	4100	115
1.5	1822	173
2	1025	231

Beam angle = 60°

* Preliminary data

[1] ~~Capable of linear dimming when working with DALI, DSI or 1-10V dimming driver, and the dimming performance depends on the specification of driver. Please contact us for details.~~

[2] The wattage declared is the wattage of the luminaire without driver; the system wattage will be dependent on driver choice.

MEGAMAN® GENOA



MEGAMAN® GENOA

LED downlight

MEGAMAN® GENOA provides a total energy saving solution for general lighting with wide beam optics of 90°. It works perfectly with the TECOH® CFx LED light engine to provide high efficiency light output with up to 35,000 lifetime to replace 2 x 13W and 2 x 18W CFLni downlights.

MEGAMAN® GENOA offers high uniformity soft light with low glare. It has a 20° shielding angle which is ideal for general lighting applications, such as hotel lobbies, restaurants, supermarkets and reception areas.

Features

- Works with TECOH® CFx LED light engines to replace 2 x 13W and 2 x 18W CFLni downlights
- Provides a total energy saving solution for general lighting with wide beam optics
- Works with either TECOH® CFx high efficiency or extended life models
- Soft light in high uniformity
- Offers glare control with a 20° shielding angle
- Instant 'ON' without warm up or flicker
- Die-cast aluminium body

Applications

- Shopping malls
- Hotel lobbies
- Restaurants
- Supermarkets
- Reception areas
- Corridors



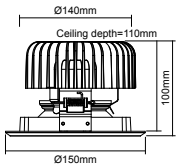


MEGAMAN® GENOA

F25245RC



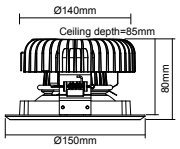
IP20 | Class I



F25745RC



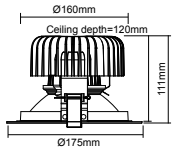
IP20 | Class I



F26645RC



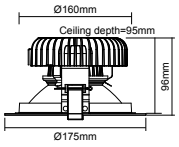
IP20 | Class I



F26745RC



IP20 | Class I



White (WH21) | Silver (SV26) | Black (BK21)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials
F25245RC	30	Ø150 x H100	Ø140	TECOH® CFx CF0212d / CF0220d	PHJ65d-2	Aluminium
F25745RC	20	Ø150 x H80	Ø140	TECOH® CFx CF0212d	PHJ65d-2	Aluminium
F26645RC	30	Ø175 x H111	Ø160	TECOH® CFx CF0212d / CF0220d	PHJ65d-2	Aluminium
F26745RC	20	Ø175 x H96	Ø160	TECOH® CFx CF0212d	PHJ65d-2	Aluminium

F25245RC / F26645RC

Luminaire with LED Light Engine TECOH® CFx Max. 30W	TBC	TBC

F25745RC / F26745RC

Luminaire with LED Light Engine TECOH® CFx Max. 20W	TBC	TBC

Please refer to page ?? for more light source information

Specification of MEGAMAN® LED light engine TECOH® CFx

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Flux in 120° Cone	Luminous Efficacy (lm/W)	Luminous Internsity (cd)	Colour Temp. [CRI]	Life Time at L70 B10 and Tc65°C (hrs)	Dimension (mm)	Dimmable	Energy Label
CF0212d	15	1200	960	80	650	2800K [Ra80] 4000K [Ra80]	35000	W70 x H41	100-10% [1]	A
CF0220d	24	2000	1600	83	1050	2800K [Ra80] 4000K [Ra80]	35000	W70 x H41	100-10% [1]	A

[1] Capable of linear dimming from 100% to 10% when working with conventional leading edge dimmers.



Working with TECOH® CFx LED Light Engine

Please refer to page ?? for more information on TECOH® CFx

MEGAMAN® CHICO









MEGAMAN® CHICO

Integrated LED downlight

MEGAMAN® CHICO is an economical and affordable integrated LED downlight solution, which is an ideal replacement for halogen PAR16 spot lights and GX53 downlights. MEGAMAN® CHICO has a built-in LED and integrated driver that facilitates easy installation and maintenance.

MEGAMAN® CHICO has a compact size; it is perfect for any ceiling access with a limited depth and saves on transportation and storage costs. Available in fixed and adjustable versions, MEGAMAN® CHICO performs well to provide spot lighting and wall-washing effects for a variety of lighting applications.

Features

- Ideal replacement for halogen PAR16 spot lights and GX53 downlights
- No external driver is required which facilitates easy installation
- Available in fixed and adjustable versions
- Compact, economical and affordable solution

Applications

- Hotels
- Restaurants
- Wall lighting
- Display shelves
- Kitchen cabinets and counters

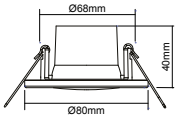


MEGAMAN® CHICO

F52600RC



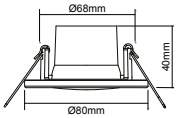
36° | 25° | IP20 | Class II



F52800RC



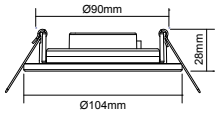
36° | IP20 | Class II



F52700RC



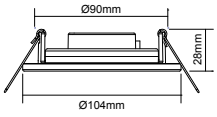
25° | IP20 | Class II



F52900RC



IP20 | Class II

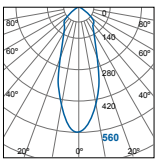


220-240V

White (WH12) | Silver (SV22) | Black (BK12) | Brushed Nickel (NI52)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Materials
F52600RC	4	250	63	Ø80 x H40	Ø68	560 [36°]	2800K / 4000K [>Ra80]	15000	Plastic housing and diffuser
F52800RC	4	250	63	Ø80 x H40	Ø68	560 [36°]	2800K / 4000K [>Ra80]	15000	Plastic housing and diffuser
F52700RC	4	300	75	Ø104 x H28	Ø90	100 [110°]	2800K / 4000K [>Ra80]	20000	Plastic housing and diffuser
F52900RC	4	300	75	Ø104 x H28	Ø90	100 [110°]	2800K / 4000K [>Ra80]	20000	Plastic housing and diffuser

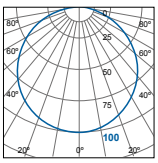
F52600RC / F52800RC



m	Lux	Ø cm
0.5	2240	32
1	560	65
1.5	249	97
2	140	130

Beam angle = 36°

F52700RC / F52900RC



m	Lux	Ø cm
0.5	400	143
1	100	286
1.5	44	428
2	25	571

Beam angle = 110°

Integrated LED luminaire

MEGAMAN® LUCCA



MEGAMAN® LUCCA

Downlight

MEGAMAN® LUCCA works perfectly with LED MR16 and PAR16 reflectors to deliver up to 25,000 hours lifetime replacing halogen in traditional applications. The design of MEGAMAN® LUCCA is flexible enough to fit PAR16 and MR16 reflectors in a variety of sizes.

Fixed and adjustable options are available to cater for various applications. The adjustable option comes with tilt angle; which can be adjusted by the user after installation.

Features

- With a die-cast aluminium body, MEGAMAN® LUCCA works with LED PAR16 and MR16 reflectors to deliver up to 25,000 hours lifetime for traditional halogen applications
- Fixed and adjustable versions available to cater for various applications
- Has options for different types of supply terminations, please refer to page ?? for details
- Can accommodate different heights of PAR16 and MR16 lamps

Applications

- Shops
- Offices
- Hotels
- Elevators
- Corridors
- Light troughs



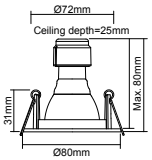


MEGAMAN® LUCCA

F30217RC



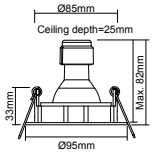
IP20 | Class II



F31217RC



30° | IP20 | Class II

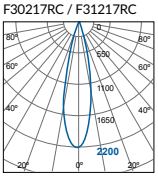


White (WH21)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials
F30217RC	8	Ø80 x H31	Ø72	LED PAR16	GU10	Aluminium
F31217RC	8	Ø95 x H33	Ø85	LED PAR16	GU10	Aluminium



F30217RC / F31217RC



m	Lux	Ø cm
0.5	8800	21
1	2200	43
1.5	978	64
2	550	85

Beam angle = 24°

MEGAMAN® MAX



MEGAMAN® MAX

Downlight

MEGAMAN® MAX has a plastic body with a glossy finish which is extremely light and suitable for false ceilings. It works perfectly with LED MR16 and PAR16 reflectors to offer up to 25,000 hours lifetime, replacing halogen MR16 and PAR16 downlights.

An adjustable version is available allowing the user to adjust the tilt angle to a maximum of 30° after installation, making it versatile enough to cater for a variety of applications.

Features

- Works perfectly with LED MR16 and PAR16 reflectors to replace halogen MR16 and PAR16 downlights, and offers up to 25,000 hours lifetime
- Adjustable option with tilt angle of 30° is available
- Offers visual comfort without glare
- Recessed downlights made of plastic with glossy finish – suitable for false ceilings
- Has options for different types of supply terminations, please refer to page ?? for details

Applications

- Shops
- Offices
- Hotels
- Elevators
- Corridors
- Light troughs



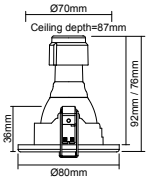


MEGAMAN® MAX

L0301RC / F14241RC



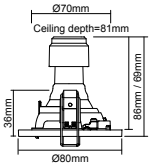
IP20 | Class II



L0302RC / F14341RC



30° | IP20 | Class II

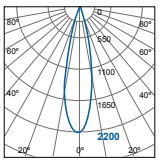


White (WH11) | Silver (SV31) | Black (BK11) | Gold (GD41) | Nickel (NI41/NI53 - L0302RC)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials
L0301RC	14	Ø80 x H92	Ø70	LED PAR16	GU10	Polycarbonate
F14241RC	6	Ø80 x H76	Ø70	LED MR16	GU5.5	Polycarbonate
L0302RC	14	Ø80 x H36	Ø70	LED PAR16	GU10	Polycarbonate
F14341RC	6	Ø80 x H69	Ø70	LED MR16	GU5.3	Polycarbonate

Max. 8W
LED PAR16
GU10

L0301RC / L0302RC

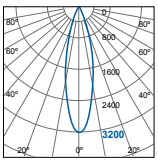


m	Lux	Ø cm
0.5	8800	21
1	2200	43
1.5	978	64
2	550	85

Beam angle = 24°

Max. 8W
LED MR16
GU5.3

F14241RC / F14341RC



m	Lux	Ø cm
0.5	12800	21
1	3200	43
1.5	1422	64
2	800	85

Beam angle = 24°

Please refer to page ?? for more light source information.

MEGAMAN® VERONA



MEGAMAN® VERONA

Downlight

MEGAMAN® VERONA series includes both a fixed pin-hole design and an adjustable version with a 30° tilt angle for accent lighting and wall wash applications. MEGAMAN® VERONA works perfectly with LED PAR16 to deliver excellent light output with up to 25,000 hours lifetime for conventional recessed applications.

With the black baffle, MEGAMAN® VERONA offers minimal glare for a darklighter effect to ensure visual comfort and is suitable for false ceilings

Features

- Suitable for different modes of lighting, MEGAMAN® VERONA works perfectly with LED PAR16 to deliver up to 25,000 hours service lifetime for conventional recessed applications
- Die-cast aluminium body
- Fixed pin-hole design for accent lighting and adjustable version with 30° tilt angle for wall wash applications
- Two different lamp holder positions to allow for optimal performance
- Fully recessed design with black baffle provides darklighter effect with minimal glare

Applications

- Shops
- Offices
- Hotels
- Elevators
- Corridors
- Light troughs



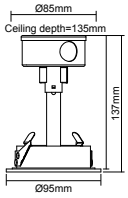


MEGAMAN® VERONA

F30617RC



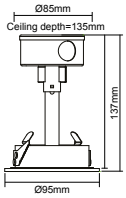
IP20 | Class I



F30717RC



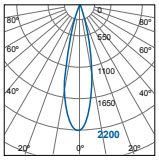
30° | IP20 | Class I



White (WH21)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials
F30617RC	8	Ø95 x H137	Ø85	LED PAR16	GU10	Aluminium
F30717RC	8	Ø95 x H137	Ø85	LED PAR16	GU10	Aluminium

Max. 8W
LED PAR16
GU10



m	Lux	Ø cm
0.5	8800	21
1	2200	43
1.5	978	64
2	550	85

Beam angle = 24°

Please refer to page ?? for more light source information.

MEGAMAN® VERSOFIT









MEGAMAN® VERSOFIT

Fire rated LED downlight

MEGAMAN® VERSOFIT provides fire protection that protects the integrity of the ceiling and prevents the spread of fire and smoke into the room above. MEGAMAN® VERSOFIT is compliant to BS476 Part 21 and is designed to withstand fire for up to 90 minutes when mounted in a timber and plaster board fire rated ceiling construction.

MEGAMAN® VERSOFIT works with a serviceable LED light engine allowing ultimate control. The TECOH® THx LED light engine can be removed for first fix on site and then added in quickly and easily via clip in connectors for final commissioning. If the building requirements change, the LED light engine can be upgraded or removed and replaced with another colour option or a higher performing option. Design features include easy click connectors, large push button terminals and loop in loop out features to save installation time and advanced thermal design to lower operating temperatures and extend life.

Features

- Designed to provide protection to the floor above in the case of fire for 90 minutes
- Fully compliant to BS476 Part 21
- Loop in loop out features to save installation time
- Advanced thermal design to lower operating temperatures and extend life
- Adjustable and fixed options available
- Works with serviceable TECOH® THx LED light engine, no external driver required
- Replacement light engine available separately, allowing upgrades or colour temperature change

Applications

- Restaurants
- Hotels
- Offices
- Kitchens
- Corridors



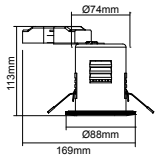
Fire Rated LED luminaire

MEGAMAN® VERSOFIT

F28751RC



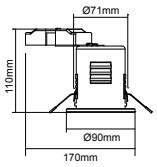
36° IP65 Class II



F28851RC



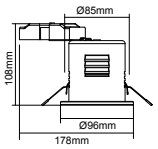
36° IP20 Class II



F28951RC



36° 13° IP20 Class II

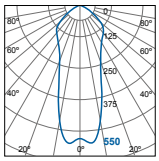


White (WH26) Chrome (CH52) Brushed Nickel (NI53)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Materials
F28751RC	8	Ø88 x L169 x H113	Ø74	TECOH® THx TH0106d	Steel body
F28851RC	8	Ø90 x L170 x H110	Ø71	TECOH® THx TH0106d	Steel body
F28951RC	8	Ø96 x L178 x H108	Ø85	TECOH® THx TH0106d	Steel body

Luminaire with LED Light Engine TECOH® THx TH0106d

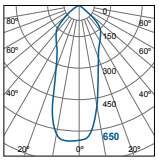
F28751RC



m	Lux	Ø cm
0.5	2200	32
1	550	65
1.5	244	97
2	138	130

Beam angle = 36°

F28851RC / F28951RC



m	Lux	Ø cm
0.5	2600	32
1	650	65
1.5	289	97
2	163	130

Beam angle = 36°

Specification of MEGAMAN® LED light engine TECOH® THx

Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Luminous Flux in 90° cone	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Energy Label
TH0106d	220-240	8	600 [2800K] 630 [4000K]	75 [2800K] 79 [4000K]	420 [2800K] 440 [4000K]	650 [36°]	2800K / 4000K [Ra80]	30,000	100-10%[1]	A

[1] Capable of linear dimming from 100% to 10% when working with most conventional dimmers..



Working with TECOH® THx LED Light Engine

Please refer to page ?? for more information on TECOH® THx

Fire Rated LED luminaire

MEGAMAN® SIRA



MEGAMAN® SIRA

Downlight

MEGAMAN® SIRA is designed with a metal housing 'can' that allows you to cover the luminaire with thermal insulating material. Its compact size also makes it ideal for ceiling recesses with limited depth. The SIRA has a flexible cord between the luminaire and terminal block to facilitate easy installation.

MEGAMAN® SIRA is designed to work with LED PAR16 reflectors to provide excellent light quality for a variety of different applications.

Features

- Designed specifically for the LED PAR16 reflector
- Ideal for ceiling recesses with limited depth
- Adjustable tilting angle of 25°
- Flexible cord between luminaire and terminal block that facilitates easy installation
- External casing allows use under thermal ceiling insulation

Applications

- Conference rooms
- Shops
- Restaurants
- Hotels
- Offices
- Corridors

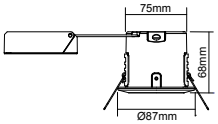


MEGAMAN® SIRA

F52517RC



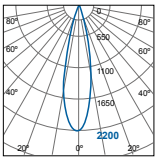
25° IP44 Class III



White (WH25) Silver (SV25)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials
F52517RC*	6	Ø87 x H68	Ø75	LED PAR16	GU10	Steel body

Max. 6W
LED PAR16
GU10



m	Lux	Ø cm
0.5	8800	21
1	2200	43
1.5	978	64
2	550	85

Beam angle = 24°

Please refer to page ?? for more light source information.
* Preliminary data

MEGAMAN® KARA



MEGAMAN® KARA

Adjustable LED Floodlight

MEGAMAN® KARA, an integrated LED floodlight, delivers excellent lighting performance of up to 4500lm -– making it an ideal replacement solution for up to 70W recessed rectangular HID downlight. With its flood beam optics design, it provides uniquely effective illumination for display cabinets and merchandise tables. Walls, shelves or large exhibits are best illuminated with the wall-washer effect. MEGAMAN® KARA has a fully adjustable tiling head that allows the user to adjust the desired angle easily.

Features

- Fully adjustable titling head
- Recessed floodlight or wall-washer with shallow recess depth for sophisticated lighting in museums, galleries and shops
- Flood beam optics offers sophisticated illumination for display cabinets and merchandise
- External driver required
- 70W recessed rectangular downlight HID replacement – F51700RC
- 35W recessed rectangular downlight HID replacement – F51800RC

Applications

- Shops
- Museums
- Galleries
- Display cabinets
- Merchandise tables
- Wall lighting



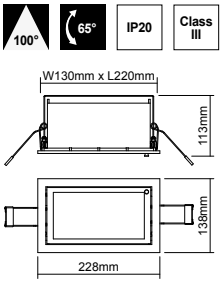




MEGAMAN® KARA

F51700RC / F51800RC



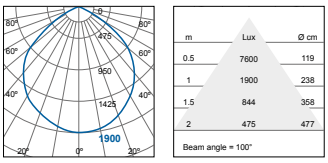


White (WH26)

Silver (SV26)

Model No.	Input Current (mA)	Nominal Voltage	Wattage[2] (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Materials	Suggested Driver
F51700RC*	1400	DC 28-33V	43	4100 [3000K] 4500 [4000K]	95 [3000K] 105 [4000K]	W138 x L228 x H113	W130 x L220	1900 [100°]	3000K / 4000K [>Ra80]	25000	Dimmable[1]	Aluminium	LD0448x1-C1400
F51800RC*	700	DC 34-39.5V	26	2200 [3000K] 2400 [4000K]	85 [3000K] 92 [4000K]	W138 x L228 x H113	W130 x L220	1200 [100°]	3000K / 4000K [>Ra80]	25000	Dimmable[1]	Aluminium	LD0425x1-C700

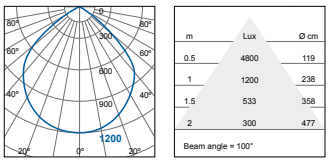
F51700RC



m	Lux	Ø cm
0.5	7600	119
1	1900	238
1.5	844	358
2	475	477

Beam angle = 100°

F51800RC



m	Lux	Ø cm
0.5	4800	119
1	1200	238
1.5	533	358
2	300	477

Beam angle = 100°

MEGAMAN® PALMLITE



MEGAMAN® PALMLITE

Downlight

With the ultra slim design, MEGAMAN® PALMLITE is designed for LED GX53 to offer up to 30,000 hours lifetime for slim surface mounted and conventional recessed applications.

MEGAMAN® PALMLITE eliminates problems associated with halogen lamps, where heat emanating from the lamps can cause damage to furniture and display items. Interchangeable circular rings are available to allow for matching with different furniture colours and finishes.

Features

- MEGAMAN® PALMLITE is designed to work with LED GX53 for slim surface mounted and conventional recessed applications
- Integral cabinet lighting with GX53 lamp holder
- Ultra slim design: the luminaire height is only 18mm
- Eliminates problems of heat damage to furniture and display items
- Interchangeable circular rings for matching with furniture and decoration
- Has options for different types of supply terminations, please refer to page ?? for details

Applications

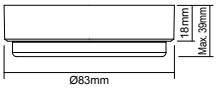
- Cabinets
- Shelves
- Workstations
- Showcase displays

MEGAMAN® PALMLITE

L0501CB



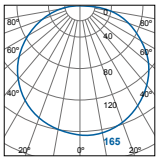
IP20 | Class II



White (WH11) | Silver (SV22) | Black (BK11) | Gold (GD41)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
L0501CB	13	Ø83 x Max. H39	LED GX53	GX53	Polycarbonate

Max. 7W
LED GX53



Please refer to page ?? for more light source information.

MEGAMAN® CONXENTO



MEGAMAN® CONXENTO

Adjustable downlight

MEGAMAN® CONXENTO is a compact recessed adjustable downlight for ceiling installation. This eco-friendly recessed downlight is a perfect home for LED PAR30 reflectors, AR111 reflectors and GX53 lamps, offering up to 40,000 hours lifetime for halogen downlight replacement. With the same high quality light intensity and colour rendering of traditional spotlights, but with no UV and negligible IR light radiation or residual glare, the MEGAMAN® CONXENTO is ideal for use in retail outlets, hotels, restaurants, galleries or residential applications. With its adjustable design, MEGAMAN® CONXENTO provides flexibility for directional accent lighting.

- Eco-friendly recess fitting with LED PAR30 reflectors, AR111 reflectors and GX53 lamps to offer up to 40,000 hours lifetime for halogen downlight replacement
- Compact recessed downlights for vertical installation
- Offers visual comfort without glare
- Flexible directional lighting with adjustable angle
- Family of luminaires with recessed, track and surface mounted options*
- Has options for different types of supply terminations, please refer to page ?? for details

Applications

- Retail outlets
- Hotels
- Restaurants
- Galleries
- Residential applications
- Corridors





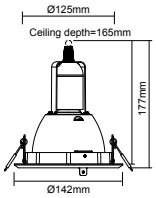


MEGAMAN® CONXENTO

F12301RC



23 ° | IP20 | Class II

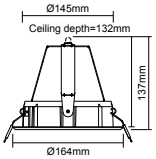


F12217RC



360° | 22 ° | IP20 | Class II | Class III

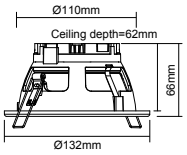
F12217RC F12239RC



L0503RC



IP20 | Class II



White (WH21) (WH11 - L0503RC)

Silver (SV23) (SV31 - L0503RC)

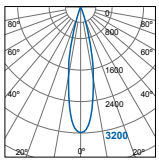
Black (BK21) (BK12 - L0503RC)

Gold (GD21) (GD31 - L0503RC)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials
F12301RC	15	Ø142 x H177	Ø125	LED PAR30	E27	Aluminium
F12217RC	15	Ø164 x H137	Ø145	LED AR111	GU10	Aluminium
L0503RC	7	Ø132 x H66	Ø110	LED GX53	GX53	Polycarbonate

Max. 15W
LED PAR30 E27

F12301RC*

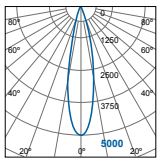


m	Lux	Ø cm
0.5	12800	21
1	3200	43
1.5	1422	64
2	800	85

Beam angle = 24°

Max. 15W
LED AR111
GU10

F12217RC*

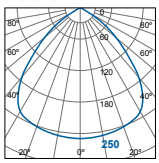


m	Lux	Ø cm
0.5	20000	21
1	5000	43
1.5	2222	64
2	1250	85

Beam angle = 24°

Max. 7W
LED GX53

L0503RC



m	Lux	Ø cm
0.5	1000	100
1	250	200
1.5	111	300
2	63	400

Beam angle = 90°

* Please refer to page ?? for more light source information.

MEGAMAN® CONXENTO



MEGAMAN® CONXENTO

Downlight

MEGAMAN® CONXENTO is designed to use LED GX53, with its excellent light output and up to 30,000 hours lifetime which perfectly replaces halogen surface mounted downlights.

Features

- Designed for LED GX53 reflectors to offer up to 30,000 hours lifetime and replace halogen surface mounted downlights
- Offers visual comfort with minimal glare
- Family of luminaires with recessed, track and surface mounted options*

Applications

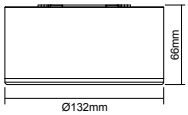
- Cabinets
- Shelves
- Workstations
- Showcase displays

MEGAMAN® CONXENTO

L0503CL



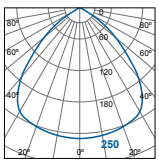
IP20 | Class II

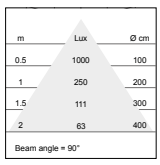


White (WH11) | Black (BK11)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
L0503CL	13	Ø132 x H66	LED GX53	GX53	Polycarbonate











OUTDOOR LIGHTING/
Floodlight



MEGAMAN®
TOTT



MEGAMAN®
ENSIO



MEGAMAN®
ADVANT

Integrated LED luminaire

MEGAMAN® TOTT




TOTT S


TOTT M


TOTT L


TOTT XL



TOTT M



TOTT L

MEGAMAN® TOTT



MEGAMAN® TOTT

Outdoor integrated LED floodlight

IP65 | Up to 96 lm/W | 50000 hrs | PIR Sensor

MEGAMAN® TOTT is a high versatile outdoor floodlight product range and designed to meet diverse application requirements. The integrated LED product range covers several lumen packages and offers a cost competitive solution. Equipped with a u-shaped bracket, the luminaire can be rotated freely for optimum adjustment (up to ±160˚) for lighting all kinds of situations. The strong polycarbonate rust-free housing with the IP65 and IK08 ratings allow it to perform excellently in outdoor environments. The smart series within the range also offers a PIR motion sensor for energy saving and safety consideration.

Features

- Integrated LED with built-in driver, four different sizes (small, medium, large and extra large) with different lumen packages for various application
- Durable water and vandal resistant construction with IP66 and IK08 rating
- Adjustable arm for flexible tilting
- Offers powerful and uniform floodlight illumination in compact profile
- PIR sensor version available for energy savings
- Slim and extra light weight
- Rust-free finish

Applications

- Signages
- Billboards
- Gate areas
- Pillar facades

PIR Sensor

PIR Sensor

Features

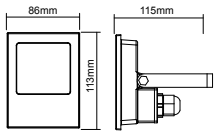
- Equipped with a PIR sensor for energy saving and safety reasons
- The light automatically switches on/off when it detects motion
- IP65 sealed construction for excellent performance in outdoor environments
- Adjustable bracket allows flexible titling
- Energy saving integrated LED with diffuser for high quality light output without hot spots
- Competitive solution ideally suited to the wholesale and DIY sales channels

MEGAMAN® TOTT

FFL70300v0



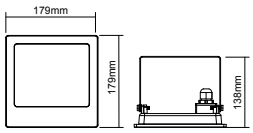
±180° | IP65 | IK08 | λ >0.9 | Class II



FFL70200v0



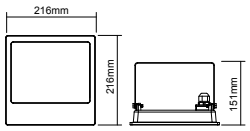
±180° | IP65 | IK08 | λ >0.9 | Class II



FFL70400v0



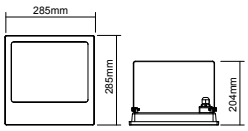
±180° | IP65 | IK08 | λ >0.9 | Class II



FFL70500v0



±180° | IP65 | IK08 | λ >0.9 | Class II

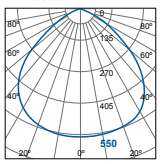


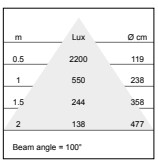
220-240V

White (WH12) Black (BK23)

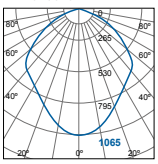
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70, B50 at Ta25°C (hrs)	Power Factor (λ)	Materials
FFL70300v0	9.5	900	95	100	W86 x L113 x H115	3000K / 4000K / 6500K [>Ra80]	50000	>0.9	Polycarbonate
FFL70200v0	24	2300	96	100	W179 x L179 x H138	3000K / 4000K / 6500K [>Ra80]	50000	>0.9	Polycarbonate
FFL70400v0	45	4200	93	100	W216 x L216 x H151	3000K / 4000K / 6500K [>Ra80]	50000	>0.9	Polycarbonate
FFL70500v0	100	10000	100	100	W285 x L285 x H204	3000K / 4000K / 6500K [>Ra80]	50000	>0.9	Polycarbonate

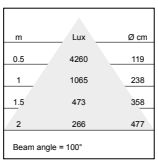
FFL70300v0



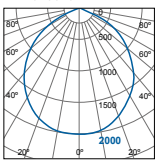


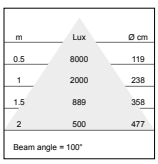
FFL70200v0





FFL70400v0





FFL70500v0

TBC TBC

Accessory



LA10038
Working stand for TOTT S



LA10039
Working stand for TOTT M



LA10040
Working stand for TOTT XL



LA10050
Extension arm

Integrated LED luminaire

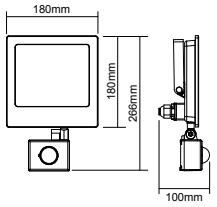
MEGAMAN® TOTT

FFL70200v0-ps

PIR Sensor



±180° | IP65 | IK08 | λ >0.9 | Class II

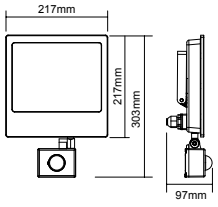


FFL70400v0-ps

PIR Sensor



±180° | IP65 | IK08 | λ >0.9 | Class II

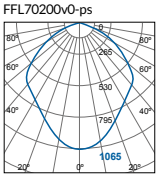


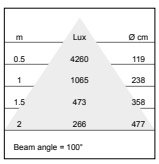
220-240V

Silver (SV26) Black (BK23)

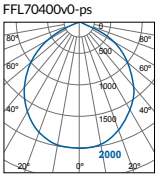
Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70, B50 at Ta25°C (hrs)	Power Factor (λ)	Materials
FFL70200v0-ps	24	2300	96	100	W180x L266 x H100	3000K / 4000K / 6500K [>Ra80]	50000	>0.9	Polycarbonate
FFL70400v0-ps	45	4200	93	100	W217 x L303 x H97	3000K / 4000K / 6500K [>Ra80]	50000	>0.9	Polycarbonate

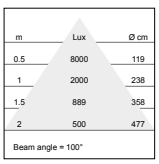
FFL70200v0-ps





FFL70400v0-ps





Accessory



LA10038
Working stand for TOTT S



LA10039
Working stand for TOTT M



LA10040
Working stand for TOTT XL



LA10050
Extension arm

Integrated LED luminaire

MEGAMAN® ENSIO











MEGAMAN® ENSIO



MEGAMAN® ENSIO

Outdoor integrated LED floodlight

IP65 | IK08 | Up to 122 lm/W | 50000 hrs

Having a stylish compact profile, with unique integrated LED louvre optics, MEGAMAN® ENSIO restricts glare with enhanced photometric control delivering a powerful luminous flux of up to 22,000 lumens. This series sets new standards with regard to performance and cost-effectiveness.

MEGAMAN® ENSIO's unique louvre options also allow two alternative beam distributions. The symmetric version for an evenly distributed floodlight in wide area applications and an asymmetric version which has higher intensity at the top of the vertical beam axis, essential for an uniform output where the floodlight has to be mounted close to the object. This minimizes hot spots and projects the light for an even wash of light, for example, on an advertising sign or building façade.

Furthermore, the pre-treated and powder coated strong aluminum housing offers high weather resistance, with IK08 impact resistance, vented IP66 ingress protection and high ambient temperature rating of Ta50°C. This provides superior durability in extreme environments and reduces maintenance costs throughout the long service life.

Features

- Ideal 250W and 400W metal halide floodlight replacement
- Unique LED louver optics for low glare and photometric control
- Durable water and vandal resistant construction with IP66 and IK08 rating
- High ambient temperature rating of Ta50°C for extreme conditions
- Gasketed air vents allow product to breathe without water ingress ensuring a water tight seal is maintained over the long term in tough environments
- Pre-treated powder coated aluminum housing for protection against corrosion
- Smooth symmetric and asymmetric distributions available
- Graduated bracket for precise setting
- Very efficient with efficacies up to 122lm/W
- Good lumen package with a total luminous flux up to 22,000lm
- Long life of 50,000hrs at L70 B50 at Ta50°C

Applications

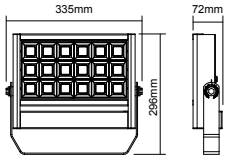
- Sports areas
- Billboards
- Facades
- Outdoor car parks
- Building perimeter
- Industrial estates
- Marshalling yards
- Port and dock areas
- Gate areas

MEGAMAN® ENSIO

FFL70000v0



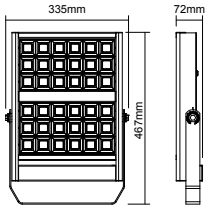
±90° | IP66 | IK08 | λ >0.9 | Class I



FFL70100v0



±90° | IP66 | IK08 | λ >0.9 | Class I

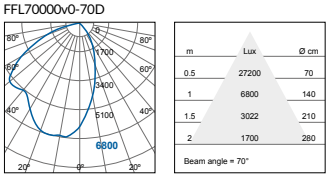


220-240V

Black (BK24)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta50°C (hrs)	Power Factor (λ)	Optics	Materials
FFL70000v0-70D	90	10500 [3000K] 11000 [4000K]	117 [3000K] 122 [4000K]	70	6800	L296 x W335 x H72	3000K / 4000K [>Ra80]	50000	>0.9	Asymmetric	Aluminum housing with anodizing aluminum louvre and PC cover
FFL70000v0-110D	90	10500 [3000K] 11000 [4000K]	117 [3000K] 122 [4000K]	110	5500	L296 x W335 x H72	3000K / 4000K [>Ra80]	50000	>0.9	Symmetric	Aluminum housing with anodizing aluminum louvre and PC cover
FFL70100v0-70D	180	21000 [3000K] 22000 [4000K]	117 [3000K] 122 [4000K]	70	12500	L467 x W335 x H72	3000K / 4000K [>Ra80]	50000	>0.9	Asymmetric	Aluminum housing with anodizing aluminum louvre and PC cover
FFL70100v0-1100D	180	21000 [3000K] 22000 [4000K]	117 [3000K] 122 [4000K]	110	11000	L467 x W335 x H72	3000K / 4000K [>Ra80]	50000	>0.9	Symmetric	Aluminum housing with anodizing aluminum louvre and PC cover

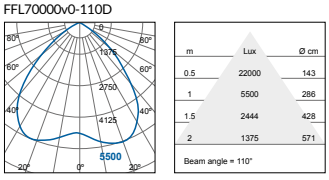
FFL70000v0-70D



m	Lux	Ø cm
0.5	27200	70
1	6800	140
1.5	3022	210
2	1700	280

Beam angle = 70°

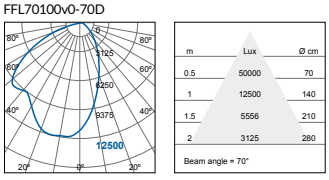
FFL70000v0-110D



m	Lux	Ø cm
0.5	22000	143
1	5500	286
1.5	2444	428
2	1375	571

Beam angle = 110°

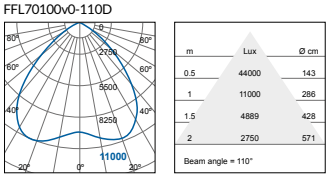
FFL70100v0-70D



m	Lux	Ø cm
0.5	50000	70
1	12500	140
1.5	5556	210
2	3125	280

Beam angle = 70°

FFL70100v0-110D



m	Lux	Ø cm
0.5	44000	143
1	11000	286
1.5	4889	428
2	2750	571

Beam angle = 110°

Integrated LED luminaire



MEGAMAN® ADVANT



MEGAMAN® ADVANT

Outdoor integrated LED floodlight

IP66 IK03

MEGAMAN® ADVANT is an ideal replacement for conventional portable floodlights. With rust-free finishing, MEGAMAN® ADVANT is dust and water resistant (to IP66) which is perfect for outdoor use. The portable construction with integrated LED facilitates easy installation.

With the flexible tilt angle of 66°, users can adjust the MEGAMAN® ADVANT to light their application with visual comfort and minimal glare.

Features

- Replaces conventional portable floodlights
- No external driver is required which facilitates easy installation
- Lifetime up to 25,000 hours and instant 'ON' with LED supplied
- Easy installation, just plug and play
- For outdoor use with flexible tilt angle of 66° for directional lighting
- Offers visual comfort without glare
- IP66 protection
- Rust-free finishing

Applications

- Garden
- Garages
- Poolside



MEGAMAN® ADVANT

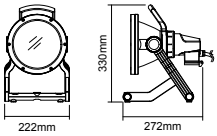
F27000PL



Built-in Socket



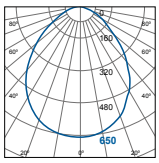
66° | IP66 | IK03 | Class II | λ >0.9

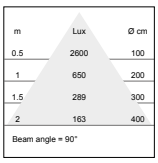


220-240V

White (WH12) | Silver (SV12) | Black (BK12) | Green (GN12)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Power Factor (λ)	Materials
F27000PL	19	1350	71	W222 x L272 x H330	3000K / 4000K [Ra80]	25000	>0.9	Polypropylene compound





OUTDOOR LIGHTING/
Waterproof Batten



MEGAMAN®
DINO 2 Emergency



MEGAMAN®
DINO 2



MEGAMAN®
DINO 2 FARM



MEGAMAN®
NERO

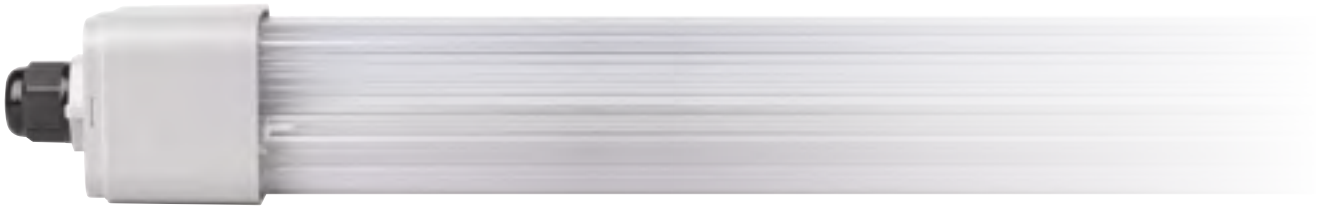


MEGAMAN®
MEZO

Integrated LED luminaire

MEGAMAN® DINO 2 Emergency













MEGAMAN® DINO 2 Emergency



MEGAMAN® DINO 2 Emergency

Integrated waterproof LED batten

IP66 IK08 50000 hrs

Features

- External units – flexible for installation and inventory management
- Master and slave lighting system – connect up to 8pcs 1.6m DINO on either module
- Easy and flexible installation through sliding stainless steel clips
- Through wire installation makes it possible to fit modules in middle of continuous in-line runs
- PIR sensor; Up to 8m detection distance for on/off switching; lux level and time delay setting are allowed

Applications

- Car parks
- Warehouses
- Workshops
- Underground areas

DINO 2 Emergency Pack



Inverter + LED Driver + Battery + Indicator

+



Emergency DINO 2
(without LED driver, ONLY LED module, SELV)

+



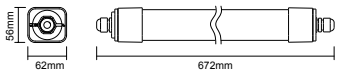
DINO 2
(Standard version)

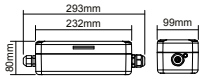
MEGAMAN® DINO 2 Emergency

FOB72200v0-em



IP66 | IK08 | λ >0.9 | Class II



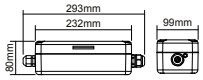


FOB72300v0-em



IP66 | IK08 | λ >0.9 | Class II

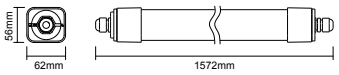


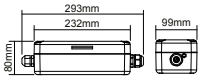


FOB72400v0-em



IP66 | IK08 | λ >0.9 | Class II





220-240V

Silver (SV16)

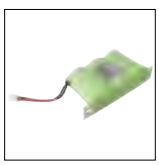
DINO 2 Emergency Pack | Clear Prismatic Diffuser Options

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated life at L80 B10 at Ta25°C (hrs)	Power Factor (λ)	Materials
FOB72200v0-em	14 (Without Driver) 20 (System)	1750 (175*) [3000K] 1800 (180*) [4000K]	125 [3000K] (Without Driver) 129 [4000K] (Without Driver) 88 [3000K] (System) 90 [4000K] (System)	160	L672 x W62 x H56	3000K / 4000K (≥Ra80)	50000	>0.9	Polycarbonate with clear prismatic diffuser
FOB72300v0-em	32 (Without Driver) 40 (System)	4150 (415*) [3000K] 4300 (430*) [4000K]	130 [3000K] (Without Driver) 134 [4000K] (Without Driver) 104 [3000K] (System) 108 [4000K] (System)	160	L1272 x W62 x H56	3000K / 4000K (≥Ra80)	50000	>0.9	Polycarbonate with clear prismatic diffuser
FOB72400v0-em	34 (Without Driver) 42 (System)	4800 (480*) [3000K] 5000 (500*) [4000K]	141 [3000K] (Without Driver) 147 [4000K] (Without Driver) 114 [3000K] (System) 119 [4000K] (System)	160	L1572 x W62 x H56	3000K / 4000K (≥Ra80)	50000	>0.9	Polycarbonate with clear prismatic diffuser

Accessory



LA11111
NiCd Battery
3000mAh 3.6V



LA11112
NiCd Battery
4500mAh 3.6V

* Emergency mode

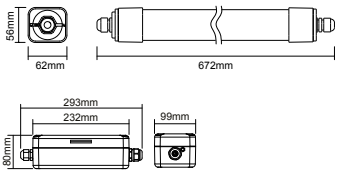
Integrated LED luminaire

MEGAMAN® DINO 2 Emergency

FOB72200v0-em



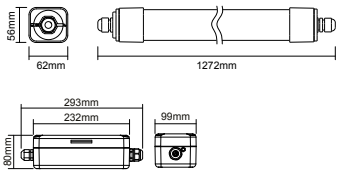
IP66 | IK08 | λ >0.9 | Class II



FOB72300v0-em



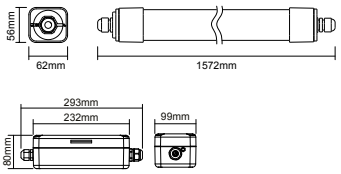
IP66 | IK08 | λ >0.9 | Class II



FOB72400v0-em



IP66 | IK08 | λ >0.9 | Class II



220-240V

Silver (SV16)

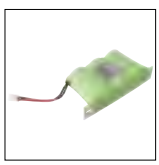
DINO 2 Emergency Pack | Opal Prismatic Diffuser Options

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated life at L80 B10 at Ta25°C (hrs)	Power Factor (λ)	Materials
FOB71900v0-em	14 (Without Driver) 20 (System)	1750 (175*) [3000K] 1800 (180*) [4000K]	125 [3000K] (Without Driver) 129 [4000K] (Without Driver) 88 [3000K] (System) 90 [4000K] (System)	120	L672 x W62 x H56	3000K / 4000K (≥Ra80)	50000	>0.9	Polycarbonate with opal prismatic diffuser
FOB72000v0-em	32 (Without Driver) 40 (System)	4150 (415*) [3000K] 4300 (430*) [4000K]	130 [3000K] (Without Driver) 134 [4000K] (Without Driver) 104 [3000K] (System) 108 [4000K] (System)	120	L1272 x W62 x H56	3000K / 4000K (≥Ra80)	50000	>0.9	Polycarbonate with opal prismatic diffuser
FOB72100v0-em	34 (Without Driver) 42 (System)	4800 (480*) [3000K] 5000 (500*) [4000K]	141 [3000K] (Without Driver) 147 [4000K] (Without Driver) 114 [3000K] (System) 119 [4000K] (System)	120	L1572 x W62 x H56	3000K / 4000K (≥Ra80)	50000	>0.9	Polycarbonate with opal prismatic diffuser

Accessory



LA11111
NiCd Battery
3000mAh 3.6V



LA11112
NiCd Battery
4500mAh 3.6V

Integrated LED luminaire

MEGAMAN® DINO 2



MEGAMAN® DINO 2

Integrated waterproof LED batten

IP66 IK08 50000 hrs

To continue the successful story of our existing batten series, MEGAMAN® DINO 2 is designed to offer an ideal alternative to T5 and T8 waterproof battens for outdoor and indoor applications. It comes with sliding stainless steel clips for easy and flexible installation. The permanent live option of MEGAMAN® DINO 2 allows unswitched live supply to the luminaire or appliances (i.e. sensors, emergency lighting, CCTV, security alarm system, smoke detector and so on.) when the switch is off.

Both PIR sensor and emergency lighting options are available. MEGAMAN® DINO 2 with PIR version comes on when it senses movement of the human body. The MEGAMAN® DINO 2 emergency lighting module provides enough light for escape using its internal batteries in the event of power failure.

Features

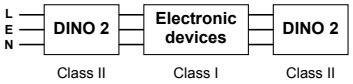
- One piece structural design in plastic extrusion profile with IP66 protection, MEGAMAN® DINO 2 offers intrinsically superior protection against water and dust than conventional T5 and T8 outdoor waterproof battens
- Designed with a tough polycarbonate body with IK08 rating for vandal resistance
- Easy and flexible installation through sliding stainless steel clips. Enabling use of existing mounting holes to replace conventional light fittings
- High lumen output of up to 6500lm
- Cable entries and through wiring allow for linear series connection

Applications

- Car parks
- Warehouses
- Workshops
- Underground areas

DINO 2 Upgrade

Existing DINO 2 - 2 poles (L, N)
The coming upgrade DINO 2 - 3 poles (L, E, N)



The specification (luminous flux / luminous efficacy) has been upgraded

PIR Sensor



LA11076

PIR Sensor Module

Designed with modular system, minimising storage and transportation costs

Features

- Serves as master device to control up to 504W DINO 2 (i.e. 8pcs of 63W 1.2m DINO 2) with one sensor module
- Up to 8m and 120° detection range with on/off control
- Lux level sensing and time delay setting available



Master Slave

MEGAMAN® DINO 2

F60900SM



IP66 | IK08 | λ >0.9 | Class II



F61000SM / F61000SMv1



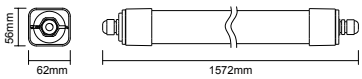
IP66 | IK08 | λ >0.9 | Class II



F61100SM / F61100SMv1



IP66 | IK08 | λ >0.9 | Class II



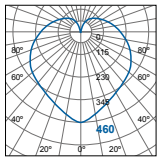
220-240V

Silver (SV16)

Clear Prismatic Diffuser Options

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L80 B10 at Ta25°C (hrs)	Power Factor (λ)	Materials
F60900SM	19	1750 [3000K] 1800 [4000K]	92 [3000K] 95 [4000K]	160	L672 x W62 x H56	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate with clear prismatic diffuser
F61000SM	21	2250 [3000K] 2350 [4000K]	107 [3000K] 112 [4000K]	160	L1272 x W62 x H56	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate with clear prismatic diffuser
F61000SMv1	36	4150 [3000K] 4300 [4000K]	115 [3000K] 119 [4000K]	160	L1272 x W62 x H56	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate with clear prismatic diffuser
F61100SM	32	3500 [3000K] 3600 [4000K]	109 [3000K] 113 [4000K]	160	L1572 x W62 x H56	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate with clear prismatic diffuser
F61100SMv1	53	6300 [3000K] 6500 [4000K]	119 [3000K] 123 [4000K]	160	L1572 x W62 x H56	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate with clear prismatic diffuser

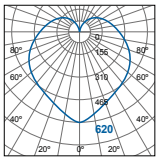
F60900SM



m	Lux	Ø cm
0.5	1840	567
1	460	1134
1.5	204	1701
2	115	2269

Beam angle = 160°

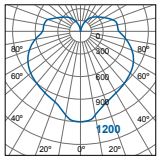
F61000SM



m	Lux	Ø cm
0.5	2480	567
1	620	1134
1.5	276	1701
2	155	2269

Beam angle = 160°

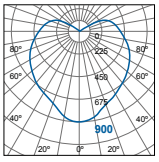
F61000SMv1



m	Lux	Ø cm
0.5	4800	567
1	1200	1134
1.5	533	1701
2	300	2269

Beam angle = 160°

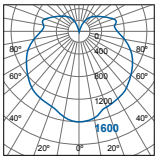
F61100SM



m	Lux	Ø cm
0.5	3600	567
1	900	1134
1.5	400	1701
2	225	2269

Beam angle = 160°

F61100SMv1



m	Lux	Ø cm
0.5	6400	567
1	1600	1134
1.5	711	1701
2	400	2269

Beam angle = 160°

Accessory



LA8020
Cover for concealing two end cable glands and power cable

i Integrated LED luminaire

MEGAMAN® DINO 2

F61400SM



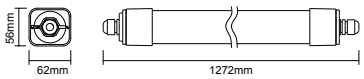
IP66 | IK08 | λ >0.9 | Class II



F61500SM / F61500SMv1



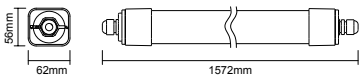
IP66 | IK08 | λ >0.9 | Class II



F61600SM / F61600SMv1



IP66 | IK08 | λ >0.9 | Class II



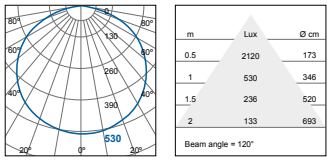
220-240V

Silver (SV16)

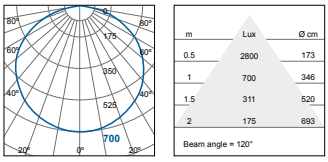
Opal Prismatic Diffuser Options

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Materials
F61400SM	19	1750 [3000K] 1800 [4000K]	92 [3000K] 95 [4000K]	120	L672 x W62 x H56	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate with opal prismatic diffuser
F61500SM	21	2250 [3000K] 2350 [4000K]	107 [3000K] 112 [4000K]	120	L1272 x W62 x H56	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate with opal prismatic diffuser
F61500SMv1	36	4150 [3000K] 4300 [4000K]	115 [3000K] 119 [4000K]	120	L1272 x W62 x H56	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate with opal prismatic diffuser
F61600SM	32	3500 [3000K] 3600 [4000K]	109 [3000K] 113 [4000K]	120	L1572 x W62 x H56	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate with opal prismatic diffuser
F61600SMv1	53	6300 [3000K] 6500 [4000K]	119 [3000K] 123 [4000K]	120	L1572 x W62 x H56	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate with opal prismatic diffuser

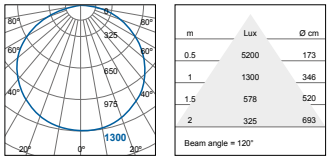
F61400SM



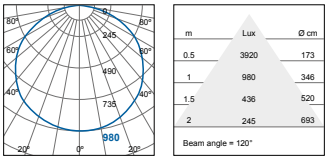
F61500SM



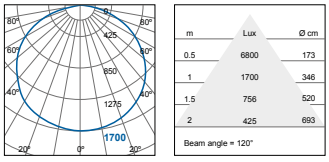
F61500SMv1



F61600SM



F61600SMv1



Accessory



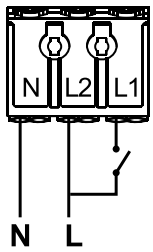
LA8020
Cover for concealing two end cable glands and power cable

Integrated LED luminaire

MEGAMAN® DINO 2



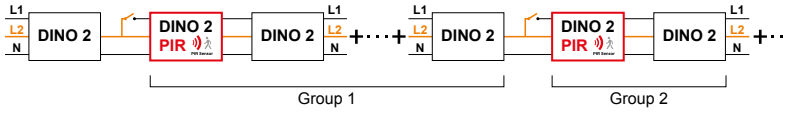
Permanent Live Option



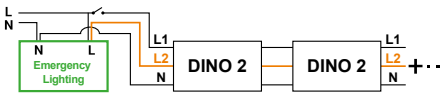
3-wire connection, allows unswitched live supply to the luminaire or appliances (i.e. CCTV, security alarm system, smoke detector, etc.) when the switch is off

PIR Sensor

Application with PIR sensor module (model no.: LA11076)
When the switch is off, the PIR sensor modules in Group 1 and Group 2 are still connected. This allows the two PIR modules to work independently switching each group separately as they are activated. This allows 'corridor functionality', for example in an underground car park.



Application with Emergency Lighting
Non-maintained[1] emergency luminaires stay connected and charge on the permanent live, while the general lighting can work as usual on the switched circuit. In the event of power failure, the emergency units light up on their internal batteries.



[1] Non-maintained emergency luminaire is recommended due to circuit loading.

MEGAMAN® DINO 2

FOB60900v0-pl



IP66 | IK08 | λ >0.9 | Class II



FOB61000v0-pl / FOB61000v1-pl



IP66 | IK08 | λ >0.9 | Class II



FOB61100v0-pl / FOB61100v1-pl



IP66 | IK08 | λ >0.9 | Class II



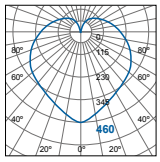
220-240V

Silver (SV16)

Permanent Live Option | Clear Prismatic Diffuser Options

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Materials
FOB60900v0-pl	19	1750 [3000K] 1800 [4000K]	92 [3000K] 95 [4000K]	160	L672 x W62 x H56	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate with clear prismatic diffuser
FOB61000v0-pl	21	2250 [3000K] 2350 [4000K]	107 [3000K] 112 [4000K]	160	L1272 x W62 x H56	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate with clear prismatic diffuser
FOB61000v1-pl	36	4150 [3000K] 4300 [4000K]	115 [3000K] 119 [4000K]	160	L1272 x W62 x H56	3000K / 4000K / 6500K [≥Ra80]	50000	>0.9	Polycarbonate with clear prismatic diffuser
FOB61100v0-pl	32	3500 [3000K] 3600 [4000K]	109 [3000K] 113 [4000K]	160	L1572 x W62 x H56	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate with clear prismatic diffuser
FOB61100v1-pl	53	6300 [3000K] 6500 [4000K]	119 [3000K] 123 [4000K]	160	L1572 x W62 x H56	3000K / 4000K / 6500K [≥Ra80]	50000	>0.9	Polycarbonate with clear prismatic diffuser

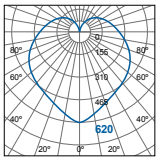
FOB60900v0-pl



m	Lux	Ø cm
0.5	1840	567
1	460	1134
1.5	204	1701
2	115	2269

Beam angle = 160°

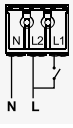
FOB61000v0-pl



m	Lux	Ø cm
0.5	2480	567
1	620	1134
1.5	276	1701
2	155	2269

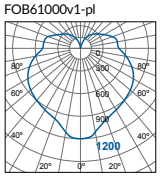
Beam angle = 160°

Permanent Live Option



3-wire connection, allows unswitched live supply to the luminaire or appliances (i.e. CCTV, security alarm system, smoke detector, etc.) when the switch is off.

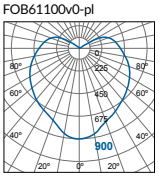
FOB61000v1-pl



m	Lux	Ø cm
0.5	4800	567
1	1200	1134
1.5	533	1701
2	300	2269

Beam angle = 160°

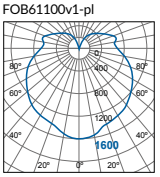
FOB61100v0-pl



m	Lux	Ø cm
0.5	3600	567
1	900	1134
1.5	400	1701
2	225	2269

Beam angle = 160°

FOB61100v1-pl



m	Lux	Ø cm
0.5	6400	567
1	1600	1134
1.5	711	1701
2	400	2269

Beam angle = 160°

Accessory



LA8020
Cover for concealing two end cable glands and power cable

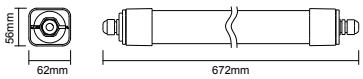
Integrated LED luminaire

MEGAMAN® DINO 2

FOB61400v0-pl



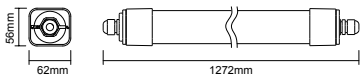
IP66 | IK08 | λ >0.9 | Class II



FOB61500v0-pl / FOB61400v0-pl



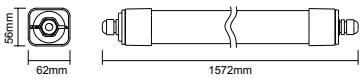
IP66 | IK08 | λ >0.9 | Class II



FOB61600v0-pl / FOB61600v0-pl



IP66 | IK08 | λ >0.9 | Class II



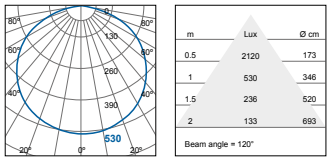
220-240V

Silver (SV16)

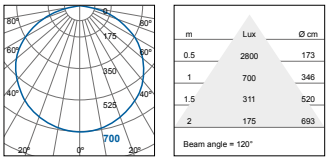
Permanent Live Option | **Opal Prismatic Diffuser Options**

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Materials
FOB61400v0-pl	19	1750 [3000K] 1800 [4000K]	92 [3000K] 95 [4000K]	120	L672 x W62 x H56	3000K / 4000K / 6500K [≥Ra80]	50000	>0.9	Polycarbonate with opal prismatic diffuser
FOB61500v0-pl	21	2250 [3000K] 2350 [4000K]	107 [3000K] 112 [4000K]	120	L1272 x W62 x H56	3000K / 4000K / 6500K [≥Ra80]	50000	>0.9	Polycarbonate with opal prismatic diffuser
FOB61500v1-pl	36	4150 [3000K] 4300 [4000K]	115 [3000K] 119 [4000K]	120	L1272 x W62 x H56	3000K / 4000K / 6500K [≥Ra80]	50000	>0.9	Polycarbonate with opal prismatic diffuser
FOB61600v0-pl	32	3500 [3000K] 3600 [4000K]	109 [3000K] 113 [4000K]	120	L1572 x W62 x H56	3000K / 4000K / 6500K [≥Ra80]	50000	>0.9	Polycarbonate with opal prismatic diffuser
FOB61600v1-pl	53	6300 [3000K] 6500 [4000K]	119 [3000K] 123 [4000K]	120	L1572 x W62 x H56	3000K / 4000K / 6500K [≥Ra80]	50000	>0.9	Polycarbonate with opal prismatic diffuser

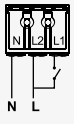
FOB61400v0-pl



FOB61500v0-pl

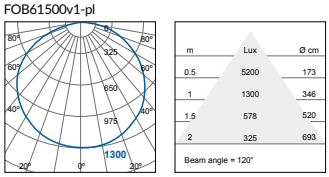


Permanent Live Option

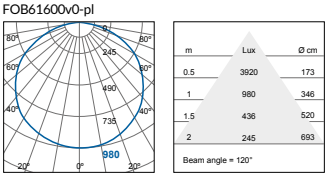


3-wire connection, allows unswitched live supply to the luminaire or appliances (i.e. CCTV, security alarm system, smoke detector, etc.) when the switch is off.

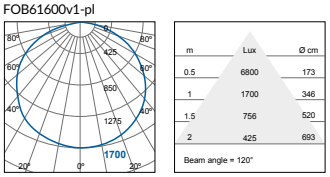
FOB61500v1-pl



FOB61600v0-pl



FOB61600v1-pl



Accessory



LA8020
Cover for concealing two end cable glands and power cable

Integrated LED luminaire

MEGAMAN® DINO 2 FARM



MEGAMAN® DINO 2 FARM



MEGAMAN® DINO 2 FARM

Integrated waterproof LED batten

LEDs need special protection from the aggressive chemical atmospheres in agricultural applications. MEGAMAN® DINO 2 FARM is designed to solve the problem in challenging areas such as animal husbandry. The chemical resistant housing materials, and the IP66 and IK03 ratings for ingress protection with high impact resistance enable it to withstand harsh farm environments. Furthermore, the tool-less wiring and fast fix stainless steel mounting clips make it easier to be installed.

Features

- Special version of the popular DINO 2 waterproof batten for hostile agricultural environments
- Chemical resistant housing materials designed to withstand harsh farm locations
- Ideal for use in intensive animal husbandry such as pigsties and cowsheds where high levels of resistance to aggressive ammonia-containing gases is essential
- Durable and robust, sealed to IP66 for ingress protection with high impact resistance of IK03
- Self-contained integrated LED units – flexible for installation and inventory management
- Excellent lighting performance of up to 6500lm
- Energy saving with efficacies up to 123lm/W
- Long Lifetime of 50,000 hrs L70, B50 for low maintenance and further cost saving
- Tool-less wiring and fast-fix stainless steel mounting clips for easy installation
- Equipped with flicker-free (frequency 160Hz) driver ideally for poultry house

Ammonia Resistant | 50000 hrs | IP66 | IK08

Up to 123 lm/W | Flicker Free <3%

Applications

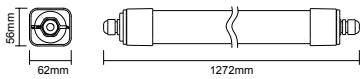
- Animal house (poultry, cow, pig, etc.)
- Farm
- Greenhouse

MEGAMAN® DINO 2 FARM

FOB70800v1



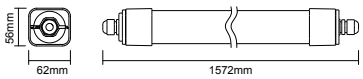
IP66 | IK08 | λ >0.9 | Class II | Flicker Free <3%



FOB70900v1



IP66 | IK08 | λ >0.9 | Class II | Flicker Free <3%



220-240V

Silver (SV16)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated life at L80 B10 at Ta25°C (hrs)	Power Factor (λ)	Material
FOB70800v1	35	4150 [3000K] 4300 [4000K]	119 [3000K] 123 [4000K]	120	L1272 x W62 x H56	3000K / 4000K [≥Ra80]	50000	>0.9	End cap made of polyurethane with PMMA diffuser
FOB70900v1	53	6300 [3000K] 6500 [4000K]	119 [3000K] 123 [4000K]	120	L1572 x W62 x H56	3000K / 4000K [≥Ra80]	50000	>0.9	End cap made of polyurethane with PMMA diffuser

Integrated LED luminaire

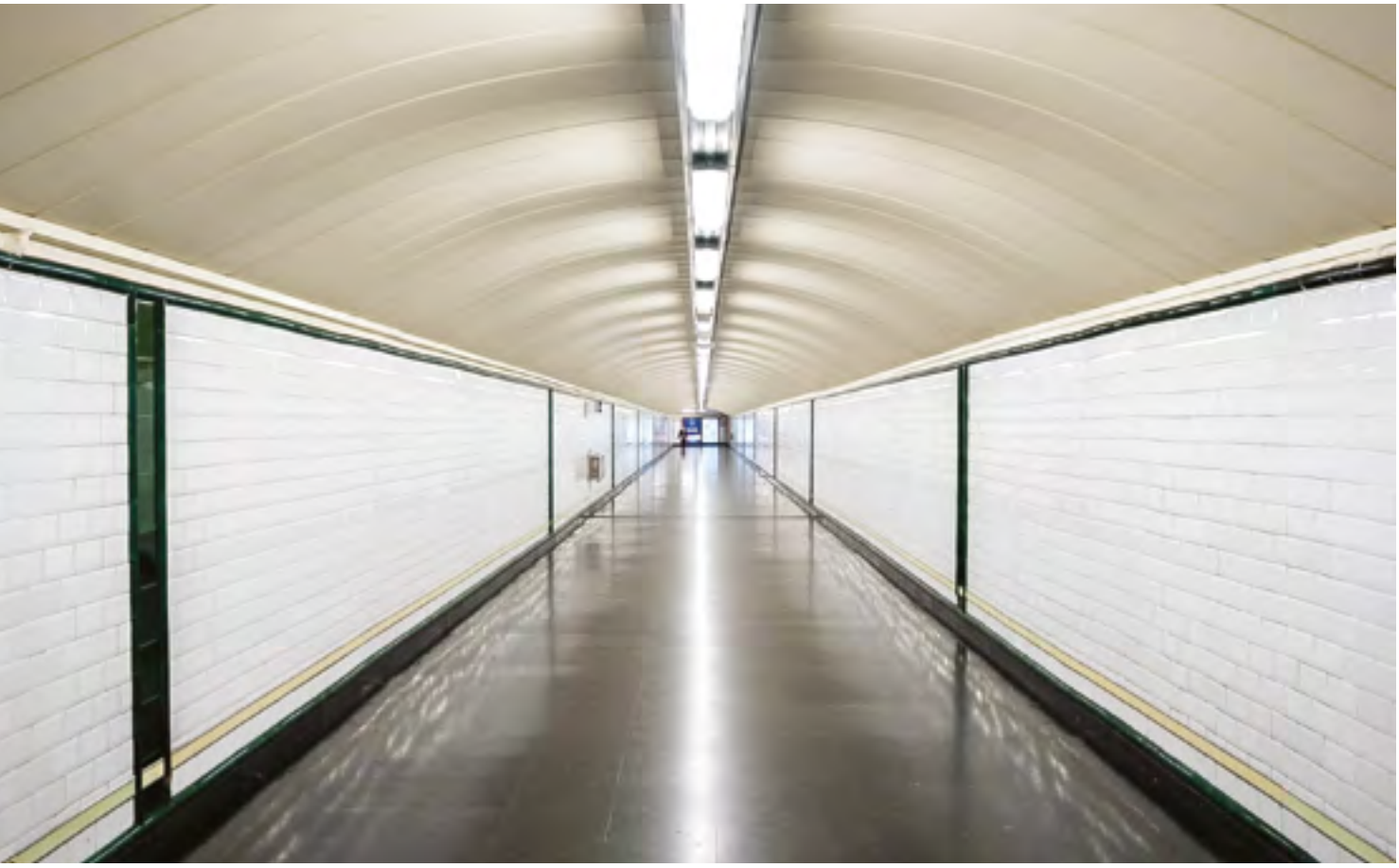


MEGAMAN® NERO





MEGAMAN® NERO



MEGAMAN® NERO

Integrated waterproof LED batten

MEGAMAN® NERO is an ideal luminaire range for outdoor applications such as car parks and warehouses, while delivering a significant lighting performance. It has a robust construction and IP66 rating, the MEGAMAN® NERO is easy to handle as the integrated driver and built-in LED facilitates easy installation. In addition, the option of permanent live associated with the use of an external PIR sensor module and other non-maintained emergency luminaires.

Features

- Slim design and light weight waterproof batten.
- Economic solution for replacing conventional T5 and T8 outdoor waterproof battens
- Tough polycarbonate body with IK08 rating for vandal resistance
- Superior IP66 protection against water and dust
- Integrated driver and built-in LED that facilitates easy installation
- Sliding stainless steel clips make suspended or surface mounted installation simple, quick and neat
- Cable entries and through wiring allow flexible connections
- Additional option of permanent live facilitates the use of external PIR sensor module and other non-maintained emergency luminaires

Up to 109 lm/W | 50000 hrs | IP66 | IK08

Applications

- Car parks
- Warehouses
- Workshops
- Underground areas and similar applications

Plug- and-Play:
Connect up to

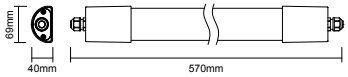
- 25 units for FOB70300v0 / FOB70300v0-pl
- 11 units for FIB70400v0 / FOB70400v0-pl
- 9 units for FIB70400v0 / FOB70400v0-pl

MEGAMAN® NERO

FOB70300v1



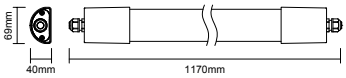
IP66 | IK08 | λ >0.9 | Class II



FOB70400v1



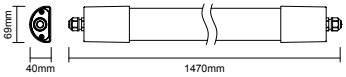
IP66 | IK08 | λ >0.9 | Class II



FOB70500v1



IP66 | IK08 | λ >0.9 | Class II



220-240V

Silver

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Materials
FOB70300v0	16	1500	94	110	L570 x W69 x H40	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate
FOB70400v1	38	4000	105	110	L1170 x W69 x H40	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate
FOB70500v1	46	5000	109	110	L1470 x W69 x H40	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate

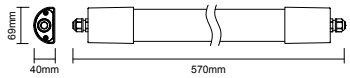
Integrated LED luminaire

MEGAMAN® NERO

FOB70300v1-pl



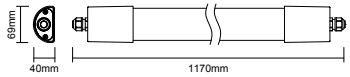
IP66 | IK08 | λ >0.9 | Class II



FOB70400v1-pl



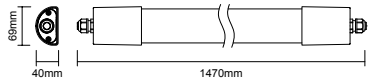
IP66 | IK08 | λ >0.9 | Class II



FOB70500v1-pl



IP66 | IK08 | λ >0.9 | Class II



220-240V

Silver

Permanent Live Option

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Materials
FOB70300v0-pl	16	1500	94	110	L570 x W69 x H40	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate
FOB70400v1-pl	38	4000	105	110	L1170 x W69 x H40	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate
FOB70500v1-pl	46	5000	109	110	L1470 x W69 x H40	3000K / 4000K [≥Ra80]	50000	>0.9	Polycarbonate

MEGAMAN® MEZO





MEGAMAN® MEZO



MEGAMAN® MEZO

Integrated waterproof LED batten

MEGAMAN® MEZO is a cost-effective and reliable LED batten minimizing the initial investment without compromising flexibility. It is a waterproof batten with integrated LED, light in weight with ultra slim design that gives lighting designers a great freedom in various of applications. The high luminous efficacy enables significant energy savings of up to 69% as compared to conventional T8 battens. It is available in three lengths and two versions (through wired and non-through wired).

Features

- Waterproof batten with integrated LED, light in weight with ultra slim design
- High luminous efficacy up to 106lm/W which delivers significant energy savings of up to 64% as compared to traditional T8 battens
- Highly competitive value-for-money waterproof batten ideal for wholesale or DIY
- IP66 protection against water and dust, and IK08 for vandal resistance
- Sliding stainless steel clips make surface mounted installation simple, quick and neat
- The unique tool-less installation enables flexible cable entries and through wiring for easy connections

Up to 106 lm/W | 50000 hrs | IP66 | IK08

Applications

- Car parks
- Garages
- Under canopy
- Subways
- Workshops
- Warehouses and similar applications

Plug- and-Play:
Connect up to

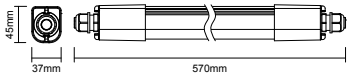
- 25 units for FOB71000v0 / FOB72500v0
- 10 units for FIB71100v0 / FOB72600v0
- 8 units for FIB71600v0 / FOB72700v0

MEGAMAN® MEZO

FOB71000v0



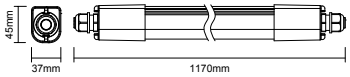
IP66 | IK08 | λ >0.9 | Class II



FOB71100v0



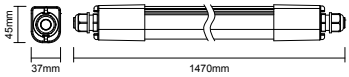
IP66 | IK08 | λ >0.9 | Class II



FOB71200v0



IP66 | IK08 | λ >0.9 | Class II



220-240V

Silver (SV16)

Through Wiring Options

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Materials
FOB71000v0	16	1500 [3000K] 1600 [4000K/6500K]	94 [3000K] 100 [4000K/6500K]	120	L570 x W37 x H45	3000K / 4000K / 6500K [≥Ra80]	35000	>0.9	Polycarbonate
FOB71100v0	38	3800 [3000K] 4000 [4000K/6500K]	100 [3000K] 105 [4000K/6500K]	120	L1170 x W37 x H45	3000K / 4000K / 6500K [≥Ra80]	35000	>0.9	Polycarbonate
FOB71200v0	47	4800 [3000K] 5000 [4000K/6500K]	102 [3000K] 106 [4000K/6500K]	120	L1470 x W37 x H45	3000K / 4000K / 6500K [≥Ra80]	35000	>0.9	Polycarbonate

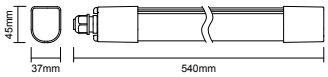
i Integrated LED luminaire

MEGAMAN® MEZO

FOB72500v0



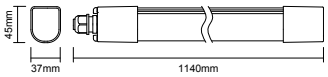
IP66 | IK08 | λ >0.9 | Class II



FOB72600v0



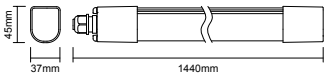
IP66 | IK08 | λ >0.9 | Class II



FOB72700v0



IP66 | IK08 | λ >0.9 | Class II



220-240V

Silver

Non-through Wiring Options

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Power Factor (λ)	Materials
FOB72500v0	16	1500 [3000K] 1600 [4000K/6500K]	94 [3000K] 100 [4000K/6500K]	120	L540 x W37 x H45	3000K / 4000K / 6500K [≥Ra80]	35000	>0.9	Polycarbonate
FOB72600v0	38	3800 [3000K] 4000 [4000K/6500K]	100 [3000K] 105 [4000K/6500K]	120	L1140 x W37 x H45	3000K / 4000K / 6500K [≥Ra80]	35000	>0.9	Polycarbonate
FOB72700v0	47	4800 [3000K] 5000 [4000K/6500K]	102 [3000K] 106 [4000K/6500K]	120	L1440 x W37 x H45	3000K / 4000K / 6500K [≥Ra80]	35000	>0.9	Polycarbonate



OUTDOOR LIGHTING/
Bulkhead



MEGAMAN®
FONDA

Integrated LED luminaire

MEGAMAN® FONDA













MEGAMAN® FONDA



MEGAMAN® FONDA

LED bulkhead

With corrosion free tough polycarbonate vandal resistant construction, MEGAMAN® FONDA meets IP66 and IK10 requirements and is UV resistant, making it an effective and efficient LED replacement for conventional outdoor CFL luminaires.

A built-in microwave motion sensor option is available which enables you to further reduce your energy usage as the presence and absence detection turns the LED luminaire on and off automatically. With the oval and round options, MEGAMAN® FONDA is well suited to different lighting and interior designs.

Features
- Available for wall or ceiling-mounting on solid surfaces such as concrete or brick
- Corrosion free polycarbonate enclosure
- Tamper-proof screw for housings - suitable for inaccessible areas, remote locations and security lighting
- MEGAMAN® FONDA with microwave motion sensor can serve as a master device to control others without sensor as slaves in a group
- UV resistant

Fonda Eyelid Masked
- Suitable for the area requiring no light going upward on wall
- Eyelid Fonda minimized the upward glare, offers greater directional illumination

IP66 | IK10 | Up to 100 lm/W | 50000 hrs

Microwave Motion Sensor | 3h

Applications
- Car parks
- Warehouses
- Stairwells
- Corridors
- Patios

Emergency Option
- Designed for emergency conversion to enable general lighting when mains supply is lost
- Built-in solution and light weight for easy installation and maintenance
- Allows a variety of emergency solutions for different countries [1]
- Integrated rechargeable battery for up to 3 hours' illumination when supply is lost
- Applications: fire escape routes in all commercial installations, residential accommodation and transport terminals

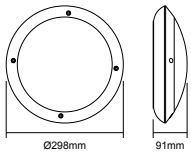
[1] Please feedback to our Product and Marketing teams for countries with different building codes, fire regulations and requirements.

MEGAMAN® FONDA

F51100SM / F51100SMv1 / F51100SMv2



IP66 | IK10 | Class II | λ >0.9

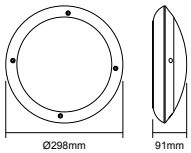


F51100SM-r / F51100SMv1-r / F51100SMv2-r

Microwave Motion Sensor



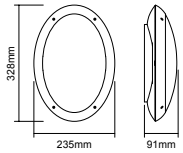
IP66 | IK10 | Class II



F51300SM



IP66 | IK10 | Class II | λ >0.9

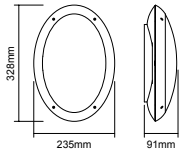


F51300SM-r

Microwave Motion Sensor



IP66 | IK10 | Class II

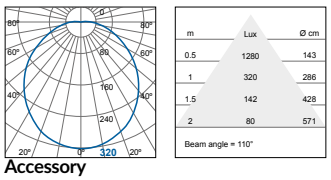


220-240V

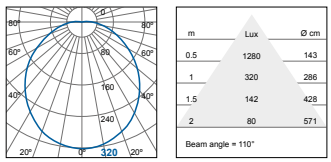
White (WH12) | Silver (SV15) | Black (BK12)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Power Factor (λ)	Material
F51100SM	10.5	800	76	110	Ø298 x H91	3000K / 4000K [Ra80]	25000	>0.9	Polycarbonate
F51100SM-r	11.5	800	70	110	Ø298 x H91	3000K / 4000K [Ra80]	25000	>0.7	Polycarbonate
F51100SMv1	20	2000	100	110	Ø298 x H91	3000K / 4000K [Ra80]	25000	>0.9	Polycarbonate
F51100SMv1-r	21	2000	95	110	Ø298 x H91	3000K / 4000K [Ra80]	25000	>0.7	Polycarbonate
F51100SMv2	23.5	2500	106	110	Ø298 x H91	3000K / 4000K [Ra80]	25000	>0.9	Polycarbonate
F51100SMv2-r	24.5	2500	102	110	Ø298 x H91	3000K / 4000K [Ra80]	25000	>0.7	Polycarbonate
F51300SM	10.5	800	76	110	W235 x L328 x H91	3000K / 4000K [Ra80]	25000	>0.9	Polycarbonate
F51300SM-r	11.5	800	70	110	W235 x L328 x H91	3000K / 4000K [Ra80]	25000	>0.7	Polycarbonate

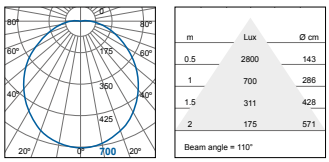
F51100SM / F51100SM-r



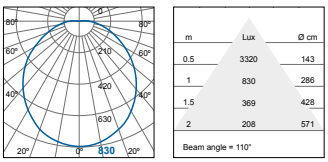
F51300SM / F51300SM-r



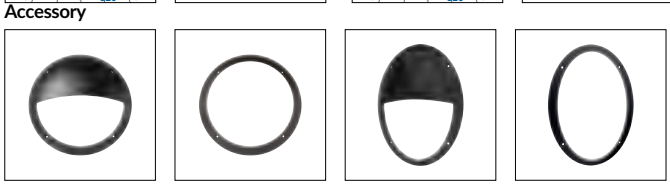
F51100SMv1 / F51100SMv1-r



F51100SMv2 / F51100SMv2-r



Accessory



LA8040
Eyelid trim in circular shape

LA8041
Trim ring in circular shape

LA8051
Eyelid trim in oval shape

LA8052
Trim ring in oval shape

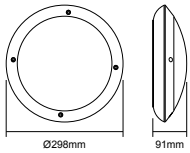
Integrated LED luminaire

MEGAMAN® FONDA

FBH51100v0-em



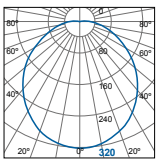
IP66 | IK10 | λ >0.9 | Class II | 3h

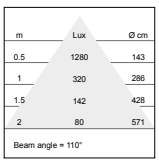


220-240V

White (WH12) | Silver (SV15) | Black (BK12)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Power Factor (λ)	Material
FBH51100v0-em [1]	12.5	800	64	110	Ø298 x H91	3000K / 4000K [Ra80]	25000	>0.9	Polycarbonate





Accessory



LA11104
NiCd Battery 2000mAh 7.2V

Integrated LED luminaire

[1] Please feedback to our Product and Marketing teams for countries with different building codes, fire regulations and requirements.



OUTDOOR LIGHTING/
Garden Lighting



MEGAMAN®
TEKA



MEGAMAN®
CAPPI



MEGAMAN®
ARTCO-PAR

Integrated LED luminaire

MEGAMAN® TEKA



MEGAMAN® TEKA

Garden lighting

Designed for outdoor application, MEGAMAN® TEKA features IP66 protection with rust-free finishing for a spike-mounted solution. MEGAMAN® TEKA is an integrated LED spike-mounted luminaire with built-in driver, it is perfect to replace conventional spike-mounted luminaires.

MEGAMAN® TEKA offers a flexible 180° tilt angle for directional lighting. It is made of an extra lightweight and durable polycarbonate material, it offers visual comfort with minimal glare.

Features

- Integrated LED with built-in driver which facilitates easy installation and maintenance
- Flexible tilt angle of 180° for directional lighting
- Offers visual comfort with minimal glare
- With IP66 protection, perfect for outdoor application
- Glare shield and spike are available for different applications
- Made with extra light-weight and durable polycarbonate material
- Rust-free finish

Applications

- Gardens
- Driveways
- Small lanes

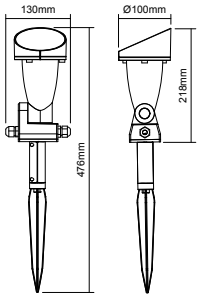


MEGAMAN® TEKA

F03500SP



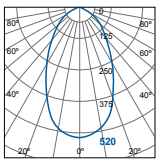
60° ±90° IP66 IK03 Class II

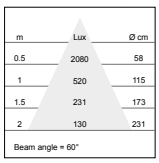


220-240V

White (WH12) Silver (SV12) Black (BK12) Green (GN12)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Materials
F03500SP	10.5	700	67	60	520	W100 x L130 x H476	3000K / 4000K [Ra80]	25000	Polypropylene compound





Complete set comes with



Luminaire Glare Shield Spike

Integrated LED luminaire

MEGAMAN® CAPPI



MEGAMAN® CAPPI

Garden lighting

MEGAMAN® CAPPI is a spike-mounted luminaire with IP54 protection for outdoor use. Working with the MEGAMAN® water-resistant LED PAR38 reflector lamp, MEGAMAN® CAPPI delivers excellent light output, which is perfect for use in gardens, driveways and small lanes. It offers a flexible tilt angle of 120° for directional lighting. It is made of an extra lightweight and durable polypropylene material.

Features

- Directly connects to the mains, which means it is free of compatibility issues with no extra cost for an external driver
- Reduces installation time and space required
- IP54 protection for outdoor use
- Instant start

Applications

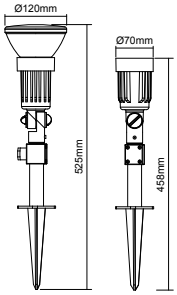
- Gardens
- Driveways
- Small lanes

MEGAMAN® CAPPI

F32114SP



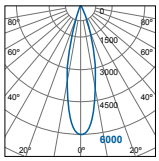
120° IP54 Class II



Black (BK12)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
F32114SP	16	Ø70 x H458	LED PAR38	E27	Polypropylene compound

Max. 16W
LED PAR38
E27



m	Lux	Ø cm
0.5	24000	22
1	6000	44
1.5	2667	67
2	1500	89

Beam angle = 25°

Please refer to page 151 for more light source information





OUTDOOR LIGHTING/
High Bay



MEGAMAN®
LEO



MEGAMAN®
LUSTER-LED

Integrated LED luminaire

MEGAMAN® LEO













MEGAMAN® LEO



MEGAMAN® LEO

High bay LED pendant luminaire

MEGAMAN® LEO is designed for the use in extreme or industrial environments. With the innovative technology of instant light and no warm up time it is a superior alternative to HID high bay for excellent energy-saving and long life. Nowadays, installation time, labour and maintenance cost are considerable factors and MEGAMAN® LEO provides a long-term cost-effective solution.

The intelligent tool-less wiring concept for suspended mounting, flexible modular design and extremely light weight, provide the appropriate solution for most installation requirements. Different lumen packages and beam angles allow for the adjustment of illuminance and light distribution in large indoor environments to illuminate any area evenly.

Features

- Unique low profile high bay unit with flexible modular design
- Robust polycarbonate housing for high impact resistance
- Extremely light weight (3kg) for easy mounting, reducing installation and labour cost
- Tool-less wiring allows fast connection
- Concealed heat sink makes product unobtrusive
- Modular LED system for maximum flexibility with different lumen packages (11000lm 22000lm and 33000lm)
- Up to 62% of energy saving compared to conventional high bay luminaires
- Medium (50°) and wide beam (110°) optics available for different applications, from high to low ceiling height
- Glare rating of UGR19 to EN12464
- High ambient temperature rating of up to +60°C allows use in extreme environments
- Lifetime up to 50,000hrs L70 B10 at Ta60°C
- Different accessories allow LEO high bay to be used in low bay and floodlight applications
- DALI option are available - allows for control of lumen levels to maximize the energy savings (DALI option)

IP65 | IK08 | 50000 hrs | UGR ≤19

Flicker Free <3% | DALI | 3h

Applications

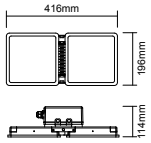
- High-ceiling
- Hall
- Warehouses
- Manufacturing bays
- Trade fairs
- Exhibitions

MEGAMAN® LEO

FHB70000v0+050D+UGR19 /
FHB70000v0-da+050D+UGR19



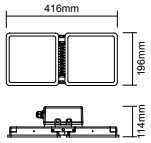
50° | IP65 | IK08 | λ >0.9 | UGR 19 | Flicker Free <3%



FHB70000v0+110D /
FHB70000v0-da+110D



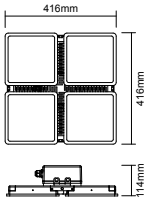
110° | IP65 | IK08 | λ >0.9 | Flicker Free <3%



FHB70100v0+050D+UGR19 /
FHB70100v0-da+050D+UGR19



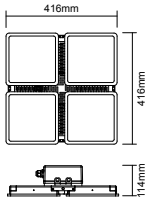
50° | IP65 | IK08 | λ >0.9 | UGR 19 | Flicker Free <3%



FHB70100v0+110D
FHB70100v0-da+110D



110° | IP65 | IK08 | λ >0.9 | Flicker Free <3%



220-240V

Black (BK23)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated life at L80 B10 at Ta25°C L70 B10 at Ta60°C (hrs)	Power Factor (λ)	Materials
FHB70000v0+050D+UGR19 FHB70000v0-da+050D+UGR19	90	11000	122	50	L416 x W196 x H114	4000K [≥Ra80]	50000	>0.9	Polycarbonate
FHB70000v0+110D FHB70000v0-da+110D	90	11000	122	110	L416 x W196 x H114	4000K [≥Ra80]	50000	>0.9	Polycarbonate
FHB70100v0+050D+UGR19 FHB70100v0-da+050D+UGR19	180	22000	122	50	L416 x W416 x H114	4000K [≥Ra80]	50000	>0.9	Polycarbonate
FHB70100v0+110D FHB70100v0-da+110D	180	22000	122	110	L416 x W416 x H114	4000K [≥Ra80]	50000	>0.9	Polycarbonate

Accessory



LA10081
3m Y-steel suspension wire with hook (2 pieces)



LA10084
Low bay U-shaped bracket from 90W LEO



LA10088
Floodlight U-shaped bracket for 90W LEO



LA10089
Low bay U-shaped bracket from 180W LEO



LA10080
Floodlight U-shaped bracket for 180W LEO

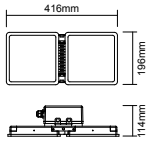
i Integrated LED luminaire

MEGAMAN® LEO

FHB70000v0-em+050D+UGR19



50° | IP65 | IK08 | λ >0.9 | UGR 19 | Flicker Free <3% | 3h

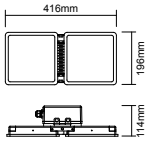


220-240V

FHB70000v0-em+110D



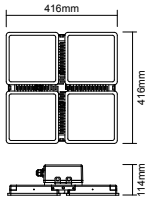
110° | IP65 | IK08 | λ >0.9 | Flicker Free <3% | 3h



FHB70100v0-em+050D+UGR19



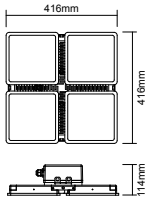
50° | IP65 | IK08 | λ >0.9 | UGR 19 | Flicker Free <3% | 3h



FHB70100v0-em+110D



110° | IP65 | IK08 | λ >0.9 | Flicker Free <3% | 3h



Black (BK23)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated life at L80 B10 at Ta25°C L70 B10 at Ta60°C (hrs)	Power Factor (λ)	Materials
FHB70000v0-em+050D+UGR19	90	11000	122	50	L416 x W196 x H114	4000K [≥Ra80]	50000	>0.9	Polycarbonate
FHB70000v0-em+110D	90	11000	122	110	L416 x W196 x H114	4000K [≥Ra80]	50000	>0.9	Polycarbonate
FHB70100v0-em+050D+UGR19	180	22000	122	50	L416 x W416 x H114	4000K [≥Ra80]	50000	>0.9	Polycarbonate
FHB70100v0-em+110D	180	22000	122	110	L416 x W416 x H114	4000K [≥Ra80]	50000	>0.9	Polycarbonate

Emergency Option

- Maintains 3 hours duration of emergency mode at required lumen level
- A green LED indicates the status of the emergency unit for visual inspection and maintenance
- Integrated "push to test" button for regular inspection of emergency unit
- Fully compliant to the emergency lighting standard EN 60598-2-22
- Replaceable NiCd battery pack for 4-years designed life according to Annex AEN 60598-2-22

Accessory



LA10081
3m Y-steel suspension wire with hook (2 pieces)



LA10084
Low bay U-shaped bracket from 90W LEO



LA10088
Floodlight U-shaped bracket for 90W LEO



LA10089
Low bay U-shaped bracket from 180W LEO



LA10080
Floodlight U-shaped bracket for 180W LEO

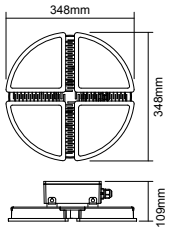
Integrated LED luminaire

MEGAMAN® LEO

FHB70200v0+050D+UGR19 /
FHB70200v0-da+050D+UGR19



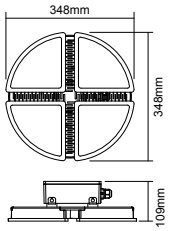
50° | IP65 | IK08 | λ >0.9 | UGR 19 | Flicker Free <3%



FHB70200v0+110D /
FHB70200v0-da+110D



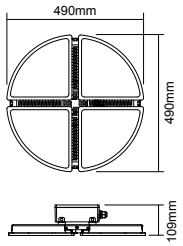
110° | IP65 | IK08 | λ >0.9 | Flicker Free <3%



FHB70300v0+050D+UGR19 /
FHB70300v0-da+050D+UGR19



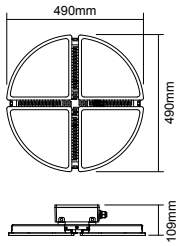
50° | IP65 | IK08 | λ >0.9 | UGR 19 | Flicker Free <3%



FHB70300v0+110D /
FHB70300v0-da+110D



110° | IP65 | IK08 | λ >0.9 | Flicker Free <3%



220-240V

Black (BK23)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Beam Angle (°)	Dimension (mm)	Colour Temp. [CRI]	Rated life at L80 B10 at Ta 25°C L70 B10 at Ta 60°C (hrs)	IP Rating	Power Factor (λ)	Materials
FHB70200v0+050D+UGR19 FHB70200v0-da+050D+UGR19	90	11000	122	50	Ø348 x H109	4000K [Ra≥80]	50000	IP65	>0.9	Polycarbonate
FHB70200v0+110D FHB70200v0-da+110D	90	11000		110	Ø348 x H109					
FHB70300v0+050D+UGR19 FHB70300v0-da+050D+UGR19	180	22000		50	Ø490 x H109					
FHB70300v0+110D FHB70300v0-da+110D	180	22000		110	Ø490 x H109					

Accessory



LA10081
3m Y-steel suspension wire with hook (2 pieces)



LA10112
Floodlight U-shaped bracket for 90W LEO circular shape



LA10111
Floodlight U-shaped bracket for 180W LEO circular shape

Integrated LED luminaire



MEGAMAN® LUSTER









MEGAMAN® LUSTER



MEGAMAN® LUSTER-LED

High bay pendant luminaire

MEGAMAN® LUSTER-LED is designed as an alternative to an HID high bay with a huge reduction in power consumption. It offers an excellent luminous output of up to 11000lm with an efficacy of 100lm/W and a far longer service life than traditional equivalents – eliminating any worries over energy and maintenance costs.

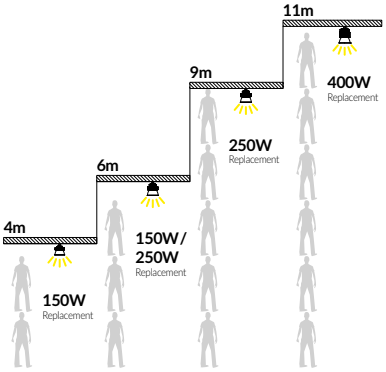
MEGAMAN® LUSTER-LED has an integrated LED version with built-in driver, it offers instant and high-quality light that is ideal for use in large indoor areas. It provides a high but comfortable level of illumination in the vertical and horizontal planes – ideal for high-ceilings, halls, warehouses, manufacturing bays, trade fairs and exhibitions. Aluminium housing and acrylic diffuser options are available for use in a variety of environments and applications.

Features

- Aluminium housing with built-in driver
- Two versions available:
  - Standard E27 screw base (for MEGAMAN® LED CLUSTERLITE®)
  - LED chip-on-board with integrated driver
- All the energy saving benefits of LED lighting
- Instant high-quality light
- Longer service life time
- 11,000lm output at 100lm per system watt
- Designed as alternative to 150W and 250W metal halide
- Huge reduction in power consumption at only 110W maximum
- Ideal for use in high-ceilings, halls, warehouses, manufacturing bays, trade fairs and exhibitions

Applications

- High-ceilings
- Halls
- Warehouses
- Manufacturing bays
- Trade fairs
- Exhibitions

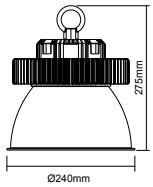


MEGAMAN® LUSTER

LA3202 + LA3128
(F53200SU-60D)



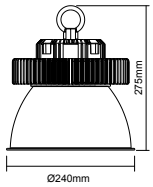
60° | IP65 | Class I | λ >0.9



LA3202 + LA3129
(F53200SU-90D)



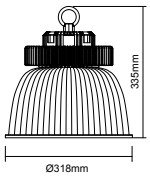
90° | IP65 | Class I | λ >0.9



LA3202 + LA3130
(F52000SU)



60° | IP65 | Class I | λ >0.9

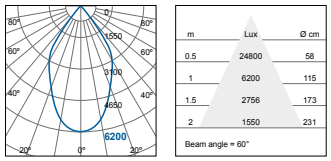


100-240V

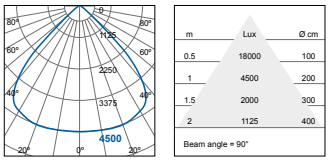
Black (BK24)

Model No. of LED Module + Reflector	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Materials	Reflector Colour	Model no. for Cover (Optional)
LA3202 + LA3128 (F53200SU-60D)	65	7200	111	6200	Ø240 x H275	4000K [>Ra80]	50000	Aluminium housing and reflector	SIlver	LA0105
LA3202 + LA3129 (F53200SU-90D)	65	7200	111	4500	Ø240 x H275	4000K [>Ra80]	50000	Aluminium housing and reflector	Silver	LA0105
LA3202 + LA3130 (F52000SU)	65	7200	111	8500	Ø318 x H335	4000K [>Ra80]	50000	Aluminium housing and plastic reflector	Prismatic	LA3205

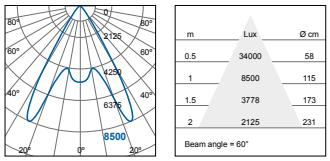
LA3202 + LA3128 (F53200SU-60D)



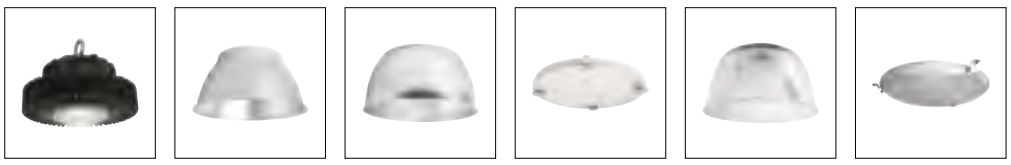
LA3202 + LA3129 (F53200SU-90D)



LA3202 + LA3130 (F52000SU)



Acessory



LA3202
LED module - 65W

LA3128
Aluminium reflector - 60°

LA3129
Aluminium reflector - 60°

LA0105
Cover for aluminium reflector

LA3130
Plastic reflector

LA3129
Cover for plastic reflector

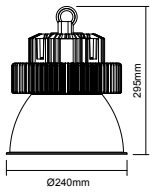
Integrated LED luminaire

MEGAMAN® LUSTER

LA3203 + LA3128
(F52400SU-60D)



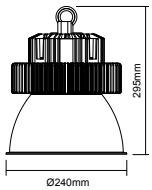
60° | IP65 | Class I | λ >0.9



LA3203 + LA3129
(F52400SU-90D)



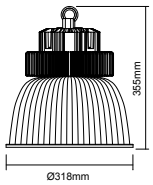
90° | IP65 | Class I | λ >0.9



LA3203 + LA3130
(F52100SU)



60° | IP65 | Class I | λ >0.9

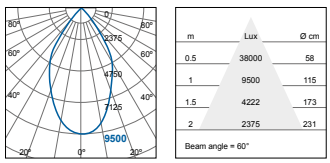


100-240V

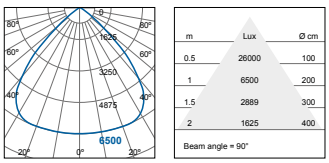
Black (BK24)

Model No. of LED Module + Reflector	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Materials	Reflector Colour	Model no. for Cover (Optional)
LA3203 + LA3128 (F52400SU-60D)	110	11000	100	9500	Ø240 x H295	4000K [>Ra80]	50000	Aluminium housing and reflector	Silver	LA0105
LA3203 + LA3129 (F52400SU-90D)	110	11000	100	6500	Ø240 x H295	4000K [>Ra80]	50000	Aluminium housing and reflector	Silver	LA0105
LA3203 + LA3130 (F52100SU)	110	11000	100	12000	Ø318 x H355	4000K [>Ra80]	50000	Aluminium housing and plastic reflector	Prismatic	LA3205

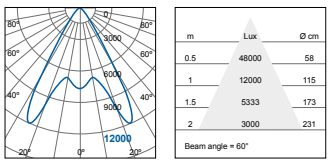
LA3203 + LA3128 (F52400SU-60D)



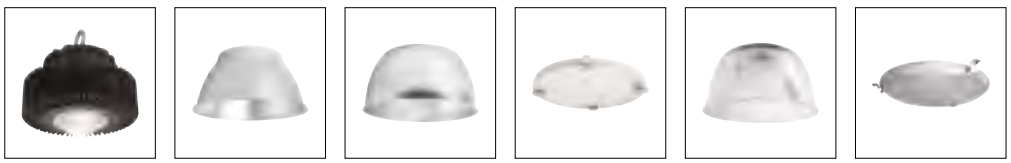
LA3203 + LA3129 (F52400SU-90D)



LA3203 + LA3130 (F52100SU)



Acessory



LA3203
LED module - 110W

LA3128
Aluminium reflector - 60°

LA3129
Aluminium reflector - 60°

LA0105
Cover for aluminium reflector

LA3130
Plastic reflector

LA3129
Cover for plastic reflector

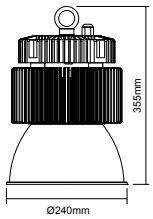
Integrated LED luminaire

MEGAMAN® LUSTER

LA3204 + LA3128
(F53300SU-60D)



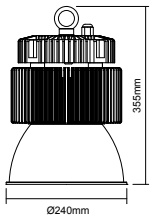
60° | IP65 | Class I | λ >0.9



LA3204 + LA3129
(F53300SU-90D)



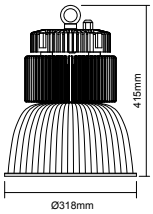
90° | IP65 | Class I | λ >0.9



LA3204 + LA3130
(F52200SU)



60° | IP65 | Class I | λ >0.9

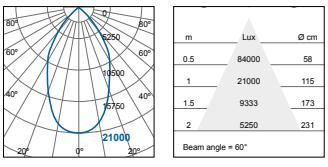


220-240V

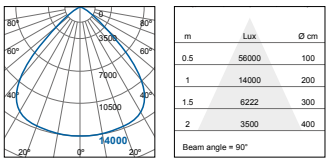
Black (BK24)

Model No. of LED Module + Reflector	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70 B50 at Ta25°C (hrs)	Materials	Reflector Colour	Model no. for Cover (Optional)
LA3204 + LA3128 (F53300SU-60D)	210	21000	100	21000	Ø240 x H335	4000K [>Ra80]	50000	Aluminium housing and reflector	Silver	LA0105
LA3204 + LA3129 (F53300SU-90D)	210	21000	100	14000	Ø240 x H335	4000K [>Ra80]	50000	Aluminium housing and reflector	Silver	LA0105
LA3204 + LA3130 (F52200SU)	210	21000	100	22000	Ø318 x H415	4000K [>Ra80]	50000	Aluminium housing and plastic reflector	Prismatic	LA3205

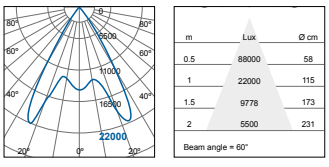
LA3204 + LA3128 (F53300SU-60D)



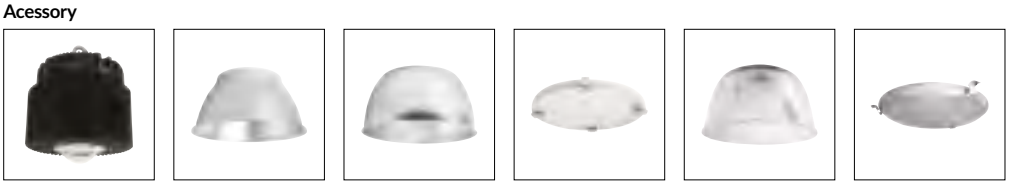
LA3204 + LA3129 (F53300SU-90D)



LA3204 + LA3130 (F52200SU)



Acessory



LA3204
LED module - 210W

LA3128
Aluminium reflector - 60°

LA3129
Aluminium reflector - 60°

LA0105
Cover for aluminium reflector

LA3130
Plastic reflector

LA3129
Cover for plastic reflector

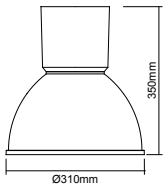
Integrated LED luminaire

MEGAMAN® LUSTER

F11301SU



Class II

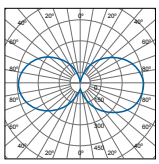


IP20

White (WH12) Silver (SV13) Black (BK12)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
F11301SU	35	Ø310 x H350	LED CLUSTERLITE®	E27	Polycarbonate





Please refer to page 151 for more light source information

LED Modules and Light Engines





TECOH® RDx

Offers excellent lumen packages of up to 8310 lumens

- Designed with ZHAGA Interface Specification Book 3 in mind, enabling interchangeability and easy integration into luminaires
- High thermal and optical performance, enabling efficient and compact luminaire designs
- Lumen package is upgraded; packages from 1690 lumens up to 8310 lumens with same outer dimension of 50mm diameter and 6.2mm height for multifunctional luminaire design
- Smallest LES of only 19mm with output packages up to 8310 lumens offering precise beam control at high output for extra punch
- All modules are designed for multiple operation on different drivers. Simply by changing the input current the modules can be operated in high efficiency, normal and high output modes
- High case temperature of 85°C for more flexibility on luminaire design
- High CRI versions: Ra94 available ideal for retail applications



TECOH® MHx

Superb lighting performance for a true alternative to 20W and 35W metal halide lamps

- Extended range of LED capsules offering viable alternatives to 20W and 35W ceramic metal halide
- With minimal design modifications required, the TECOH® MHx can be used in many existing luminaires (the light centre from the base is the same height as in G12 or GU6.5 lamps)
- High luminous efficacy of up to 146 lm/W
- Capable of linear dimming from 100% to 1% when used with a DC1-10V dimming driver and DC1-10V dimmer
- Future-proof design, enabling, as required, easy upgrading of the TECOH® MHx
- High colour rendering of up to Ra85; an RichColour+ option offers an outstanding CRI of Ra95



TECOH® CFx

The world's first 2000-lumen ZHAGA Certified Book 2 LED light engines

- Designed in line with ZHAGA Interface Specification Book 2, enabling interchangeability and easy integration into luminaires
- Perfect alternative to CFL non-integrated and halogen lamps in general lighting applications
- Twist-lock design with integrated driver that allows easy installation directly on mains input
- Ideal for use in downlights, replacing conventional light sources such as the 50W halogen and the 2x13W and 2x18W compact fluorescent lamps
- Smooth Lambertian output
- High efficiency range that offers system efficacies of up to 80lm/W
- The extended life dimmable range offers 100% to 10% linear dimming feature



TECOH® THx

Offers an excellent alternative to MR16 and PAR16 halogen

- Ideal solution for recessed and surface mounted spotlights
- Including serviceable LED solution for fire rated downlights
- Built-in driver, optics and heat sink to simplify the upgrade to a high efficient LED solution
- Dimmable feature available to cater for a wide range of applications
- Preventing mis-use by retrofit high energy consuming halogen
- Long life of up to 50,000 hours in most critical, fully enclosed environments

Please visit www.megamanlighting.com/OEM for the latest information on the TECOH® family.

Specification of LED Light Source



LED AR111	??
LED MR16	??
LED PAR16	??
LED PAR30	??
LED PAR30S	??
LED PAR38	??

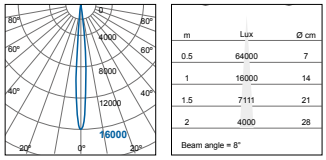
LED GX53	??
LED R7s	??
LED CLUSTERLITE®	??

LED AR111 | AC12V | G53

8°

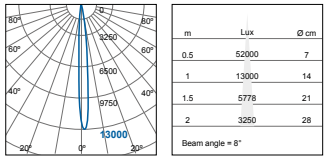
ER2813dHR-75H08D

Wattage (W)	13
Max. Luminous Intensity (cd)	16000
Beam Angle (°)	8
Luminous Flux (lm)	750



ER2811dHR-50H08D

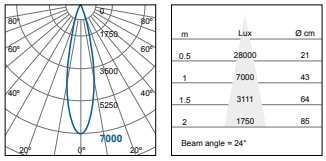
Wattage (W)	11
Max. Luminous Intensity (cd)	15000
Beam Angle (°)	8
Luminous Flux (lm)	550



24°

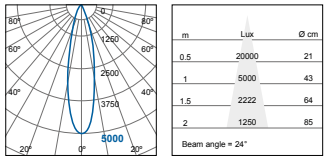
ER2016d-100H24D

Wattage (W)	16
Max. Luminous Intensity (cd)	7000
Beam Angle (°)	24
Luminous Flux (lm)	1300



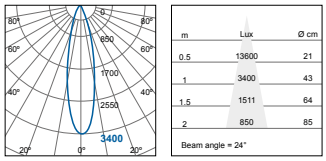
ER4013dHR-75H24D

Wattage (W)	13
Max. Luminous Intensity (cd)	5000
Beam Angle (°)	24
Luminous Flux (lm)	900



ER4011dHR-50H24D

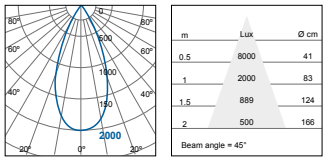
Wattage (W)	11
Max. Luminous Intensity (cd)	3400
Beam Angle (°)	24
Luminous Flux (lm)	750



45°

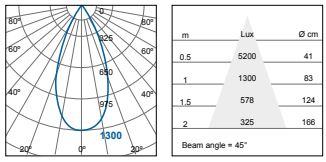
ER4113dHR-75H45D

Wattage (W)	13
Max. Luminous Intensity (cd)	2000
Beam Angle (°)	45
Luminous Flux (lm)	900



ER4111dHR-50H45D

Wattage (W)	11
Max. Luminous Intensity (cd)	1300
Beam Angle (°)	45
Luminous Flux (lm)	750

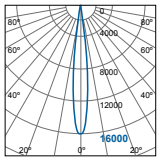


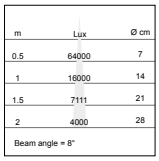
LED AR111 | Constant Current Type | G53

8°

ER0210-50H08D

Wattage (W)	10
Max. Luminous Intensity (cd)	16000
Beam Angle (°)	8
Luminous Flux (lm)	750





24°

ER040120/dw/ru-HRv00-NF

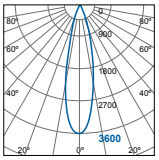
Wattage (W)	12
Max. Luminous Intensity (cd)	4500
Beam Angle (°)	24
Luminous Flux (lm)	950

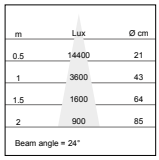
TBC

TBC

ER0110-50H24D

Wattage (W)	10
Max. Luminous Intensity (cd)	3600
Beam Angle (°)	24
Luminous Flux (lm)	750





45°

ER041120/dw/ru-HRv00-WF

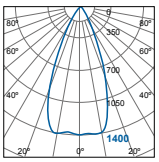
Wattage (W)	12
Max. Luminous Intensity (cd)	2000
Beam Angle (°)	45
Luminous Flux (lm)	950

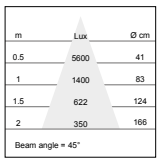
TBC

TBC

ER0310-50H45D

Wattage (W)	10
Max. Luminous Intensity (cd)	1400
Beam Angle (°)	45
Luminous Flux (lm)	750



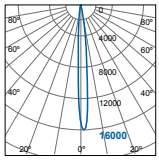


LED AR111 | Line Voltage | GU10

8°

LR6511dHR-75H08D

Wattage (W)	11
Max. Luminous Intensity (cd)	16000
Beam Angle (°)	8
Luminous Flux (lm)	750



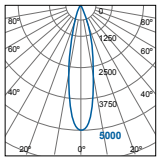
m	Lux	Ø cm
0.5	64000	7
1	16000	14
1.5	7111	21
2	4000	28

Beam angle = 8°

24°

LR6611dHR-75D-24D

Wattage (W)	11
Max. Luminous Intensity (cd)	5000
Beam Angle (°)	24
Luminous Flux (lm)	950

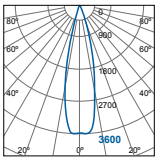


m	Lux	Ø cm
0.5	20000	21
1	5000	43
1.5	2222	64
2	1250	85

Beam angle = 24°

LR1612d-50H24D

Wattage (W)	12
Max. Luminous Intensity (cd)	3600
Beam Angle (°)	24
Luminous Flux (lm)	850



m	Lux	Ø cm
0.5	14400	21
1	3600	43
1.5	1600	64
2	900	85

Beam angle = 24°

LR066100/dw/ru-HRv00-NF

Dim to WARM

Wattage (W)	10
Max. Luminous Intensity (cd)	3500
Beam Angle (°)	24
Luminous Flux (lm)	720

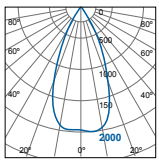
TBC

TBC

45°

LR6711dHR-75H45D

Wattage (W)	11
Max. Luminous Intensity (cd)	2000
Beam Angle (°)	45
Luminous Flux (lm)	900



m	Lux	Ø cm
0.5	8000	41
1	2000	83
1.5	889	124
2	500	166

Beam angle = 45°

LR067100/dw/ru-HRv00-WF

Dim to WARM

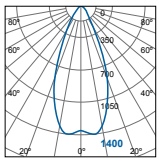
Wattage (W)	10
Max. Luminous Intensity (cd)	1600
Beam Angle (°)	45
Luminous Flux (lm)	720

TBC

TBC

LR1812d-50H45D

Wattage (W)	12
Max. Luminous Intensity (cd)	1400
Beam Angle (°)	45
Luminous Flux (lm)	850



m	Lux	Ø cm
0.5	5600	41
1	1400	83
1.5	622	124
2	350	166

Beam angle = 45°

LED MR16 | AC12V | GU5.3

12°

ER203080/dm-HRv00-SP

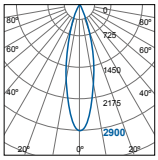
Wattage (W)	8
Max. Luminous Intensity (cd)	5500
Beam Angle (°)	12
Luminous Flux (lm)	450

TBC TBC

24°

ER2607.5LN-FL

Wattage (W)	7.5
Max. Luminous Intensity (cd)	2900
Beam Angle (°)	24
Luminous Flux (lm)	500



m	Lux	Ø cm
0.5	11600	21
1	2900	43
1.5	1289	64
2	725	85

Beam angle = 24°

ER203080/dm-HRv00-NF

Wattage (W)	8
Max. Luminous Intensity (cd)	3000
Beam Angle (°)	24
Luminous Flux (lm)	600

TBC TBC

36°

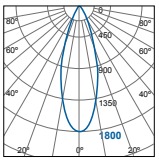
ER203080/dm-HRv00-WF

Wattage (W)	8
Max. Luminous Intensity (cd)	1800
Beam Angle (°)	36
Luminous Flux (lm)	600

TBC TBC

ER2607.5LN-WFL

Wattage (W)	7.5
Max. Luminous Intensity (cd)	1800
Beam Angle (°)	36
Luminous Flux (lm)	500



m	Lux	Ø cm
0.5	7200	32
1	1800	65
1.5	800	97
2	450	130

Beam angle = 36°

ER045060-LNv00-WF

Wattage (W)	6
Max. Luminous Intensity (cd)	800
Beam Angle (°)	36
Luminous Flux (lm)	500

TBC TBC

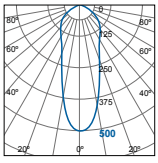
ER045050-LNv00-WF

Wattage (W)	5
Max. Luminous Intensity (cd)	650
Beam Angle (°)	36
Luminous Flux (lm)	400

TBC TBC

ER3406DG-WFL

Wattage (W)	6
Max. Luminous Intensity (cd)	500
Beam Angle (°)	36
Luminous Flux (lm)	400



m	Lux	Ø cm
0.5	2000	32
1	500	65
1.5	222	97
2	125	130

Beam angle = 36°

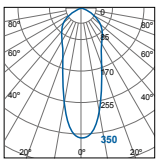
ER045030-LNv00-WF

Wattage (W)	3
Max. Luminous Intensity (cd)	450
Beam Angle (°)	36
Luminous Flux (lm)	260

TBC TBC

ER3405DG-WFL

Wattage (W)	5
Max. Luminous Intensity (cd)	350
Beam Angle (°)	36
Luminous Flux (lm)	250



m	Lux	Ø cm
0.5	1400	32
1	350	65
1.5	156	97
2	88	130

Beam angle = 36°

LED MR16 | AC12V | GU5.3

100°

ER3405-SWFL

Wattage (W)	5
Max. Luminous Intensity (cd)	155
Beam Angle (°)	100
Luminous Flux (lm)	430

TBC

TBC

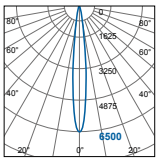
LED MR16 | Constant Current Type | GU5.3

12°

ER200065/dm-HRv00-SP

U-DIM

Wattage (W)	6.5
Max. Luminous Intensity (cd)	6500
Beam Angle (°)	12
Luminous Flux (lm)	525



m	Lux	Ø cm
0.5	26000	11
1	6500	21
1.5	2889	32
2	1625	42

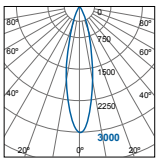
Beam angle = 12°

24°

ER20065/dm-HRv00-NF

U-DIM

Wattage (W)	6.5
Max. Luminous Intensity (cd)	3000
Beam Angle (°)	24
Luminous Flux (lm)	700



m	Lux	Ø cm
0.5	12000	21
1	3000	43
1.5	1333	64
2	750	85

Beam angle = 24°

35°

ER033060/dw/ru-THv00-WF

Dim to WARM

Wattage (W)	6
Max. Luminous Intensity (cd)	950
Beam Angle (°)	35
Luminous Flux (lm)	400

TBC

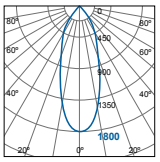
TBC

36°

ER20065/dm-HRv00-WF

U-DIM

Wattage (W)	6.5
Max. Luminous Intensity (cd)	1800
Beam Angle (°)	36
Luminous Flux (lm)	700



m	Lux	Ø cm
0.5	7200	32
1	1800	65
1.5	800	97
2	450	130

Beam angle = 36°

LED PAR16 | GU10

12°

LR206065/dm-HRv00-SP

Wattage (W)	6.5
Max. Luminous Intensity (cd)	7000
Beam Angle (°)	12
Luminous Flux (lm)	500

TBC TBC

24°

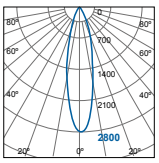
LR5605.5HR-50H24D

Wattage (W)	5.5
Max. Luminous Intensity (cd)	2200
Beam Angle (°)	24
Luminous Flux (lm)	400

TBC TBC

LR5906dHR-75H24D

Wattage (W)	6
Max. Luminous Intensity (cd)	2800
Beam Angle (°)	24
Luminous Flux (lm)	550



m	Lux	Ø cm
0.5	11200	21
1	2800	43
1.5	1244	64
2	700	85

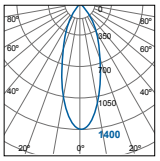
Beam angle = 24°

LED PAR16 | GU10

35°

LR5906dHR-75H35D

Wattage (W)	6
Max. Luminous Intensity (cd)	1400
Beam Angle (°)	35
Luminous Flux (lm)	550



m	Lux	Ø cm
0.5	5600	32
1	1400	65
1.5	622	95
2	350	126

Beam angle = 35°

LR56055dHR-50H35D

Wattage (W)	5.5
Max. Luminous Intensity (cd)	1100
Beam Angle (°)	35
Luminous Flux (lm)	400

TBC TBC

LR057067/dm-HRv00-FL

Wattage (W)	6.7
Max. Luminous Intensity (cd)	900
Beam Angle (°)	35
Luminous Flux (lm)	530

TBC TBC

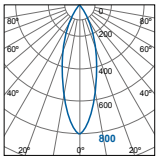
LR057062-HRv00-FL

Wattage (W)	6.2
Max. Luminous Intensity (cd)	900
Beam Angle (°)	35
Luminous Flux (lm)	530

TBC TBC

LR6305LN-WFL

Wattage (W)	5
Max. Luminous Intensity (cd)	800
Beam Angle (°)	35
Luminous Flux (lm)	500

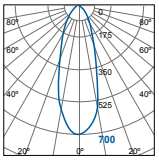


m	Lux	Ø cm
0.5	3200	32
1	800	63
1.5	356	95
2	200	126

Beam angle = 35°

LR6305.5dLN-WFL

Wattage (W)	5.5
Max. Luminous Intensity (cd)	700
Beam Angle (°)	35
Luminous Flux (lm)	380



m	Lux	Ø cm
0.5	2800	32
1	700	65
1.5	311	95
2	175	126

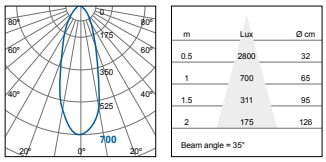
Beam angle = 35°

LED PAR16 | GU10

35°

LR6304.5LN-WFL

Wattage (W)	4.5
Max. Luminous Intensity (cd)	700
Beam Angle (°)	35
Luminous Flux (lm)	400



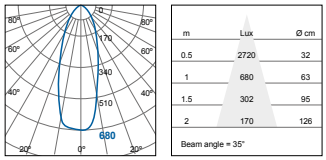
LR057054/dm-HRv00-FL

Wattage (W)	5.4
Max. Luminous Intensity (cd)	680
Beam Angle (°)	35
Luminous Flux (lm)	420

TBC TBC

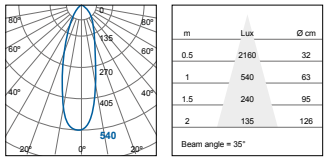
LR057050-HRv00-FL

Wattage (W)	5
Max. Luminous Intensity (cd)	680
Beam Angle (°)	35
Luminous Flux (lm)	420



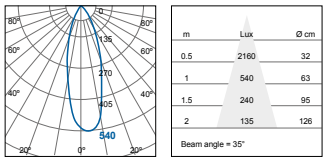
LR057042/dm-HRv00-FL

Wattage (W)	4.2
Max. Luminous Intensity (cd)	540
Beam Angle (°)	35
Luminous Flux (lm)	320



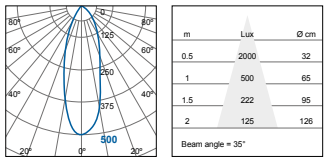
LR057040-HRv00-FL

Wattage (W)	4
Max. Luminous Intensity (cd)	540
Beam Angle (°)	35
Luminous Flux (lm)	320



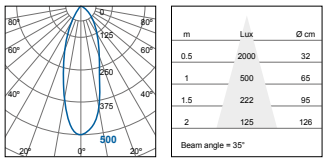
LR6304dLN-WFL

Wattage (W)	4
Max. Luminous Intensity (cd)	500
Beam Angle (°)	35
Luminous Flux (lm)	280



LR6303.3LN-WFL

Wattage (W)	3.3
Max. Luminous Intensity (cd)	500
Beam Angle (°)	35
Luminous Flux (lm)	280



LR050060/dw/ru-DGv00-FL

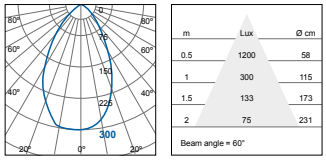
Wattage (W)	6
Max. Luminous Intensity (cd)	480
Beam Angle (°)	35
Luminous Flux (lm)	400

TBC TBC

60°

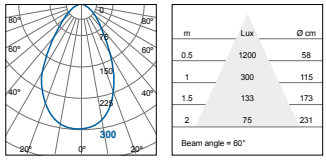
LR057052/dm-HRv00-UF

Wattage (W)	5.2
Max. Luminous Intensity (cd)	300
Beam Angle (°)	60
Luminous Flux (lm)	400



LR057048-HRV00-UF

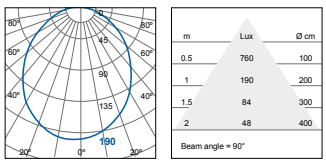
Wattage (W)	4.8
Max. Luminous Intensity (cd)	300
Beam Angle (°)	60
Luminous Flux (lm)	400



90°

LR063050-DGv00-SF

Wattage (W)	5
Max. Luminous Intensity (cd)	190
Beam Angle (°)	90
Luminous Flux (lm)	400



LED PAR16 | GU10

100°

LR057072-OPv00-SF

Wattage (W)	7.2
Max. Luminous Intensity (cd)	250
Beam Angle (°)	100
Luminous Flux (lm)	600

TBC

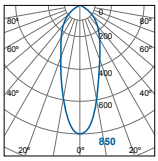
TBC

LED PAR30S | E27

35°

LR3010.5-WFL

Wattage (W)	10.5
Max. Luminous Intensity (cd)	850
Beam Angle (°)	35
Luminous Flux (lm)	700



m	Lux	Ø cm
0.5	3400	32
1	850	63
1.5	378	95
2	213	126

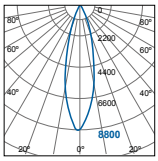
Beam angle = 35°

LED PAR38 | E27

25°

LR036200/dm-HRv00-FL

Wattage (W)	20
Max. Luminous Intensity (cd)	8800
Beam Angle (°)	25
Luminous Flux (lm)	200



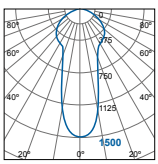
m	Lux	Ø cm
0.5	35200	22
1	8800	44
1.5	3911	67
2	2200	89

Beam angle = 25°

35°

LR3215.5-WFL

Wattage (W)	15.5
Max. Luminous Intensity (cd)	1500
Beam Angle (°)	35
Luminous Flux (lm)	950

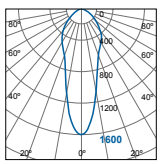


m	Lux	Ø cm
0.5	6000	32
1	1500	63
1.5	667	95
2	375	126

Beam angle = 35°

LR3213d-WFL

Wattage (W)	13
Max. Luminous Intensity (cd)	1600
Beam Angle (°)	35
Luminous Flux (lm)	1100



m	Lux	Ø cm
0.5	6400	32
1	1600	65
1.5	711	95
2	400	126

Beam angle = 35°

LED GX53

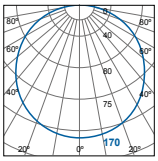
LR209065-OPv00-ND

Wattage (W)	6.5
Luminous Flux (lm)	700

TBC

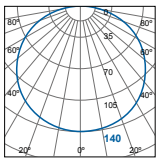
LR2206

Wattage (W)	6
Luminous Flux (lm)	520



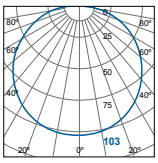
LR2206d

Wattage (W)	6
Luminous Flux (lm)	480



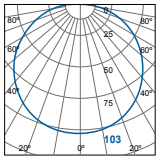
LR2205d

Wattage (W)	5
Luminous Flux (lm)	300



LR2205

Wattage (W)	5
Luminous Flux (lm)	300



LED CLUSTERLITE® | E27

LH204055-OPv00 | Passive Cooling

Wattage (W)	32
Luminous Flux (lm)	7000 [2800K] 7200 [4000K] 7000 [6500K]

TBC

LH203037-OPv00 | Passive Cooling

Wattage (W)	32
Luminous Flux (lm)	5000 [2800K] 5200 [4000K] 5000 [6500K]

TBC

LH200032-OPv00 | Passive Cooling

Wattage (W)	32
Luminous Flux (lm)	4000 [2800K] 4200 [4000K] 4000 [6500K]

TBC

LH201080-OPv00 | Active Cooling

Wattage (W)	80
Luminous Flux (lm)	11000 [2800K] 11500 [4000K] 11000 [6500K]

TBC

LH0246 | Active Cooling

Wattage (W)	46
Luminous Flux (lm)	6700 [2800K] 7000 [4000K] 7000 [6500K]

TBC

LH0133 | Active Cooling

Wattage (W)	33
Luminous Flux (lm)	4800 [2800K] 5000 [4000K]

TBC

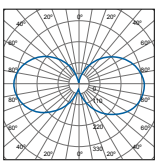
LH0132 | Active Cooling

Wattage (W)	32
Luminous Flux (lm)	4000 [2800K] 4160 [4000K]

TBC

LH0127 | Active Cooling

Wattage (W)	27
Luminous Flux (lm)	2800

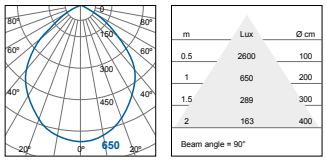


Luminaire with Secondary Reflector

MEGAMAN® GENOA with TECOH® CFx

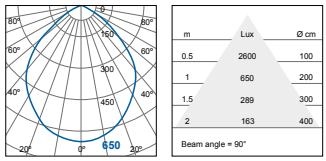
F25245RC / F25745RC with CF0212d (2800K)

Wattage (W)	15
Max. Luminous Intensity (cd)	650
Beam Angle (°)	90
Luminous Flux (lm)	1200



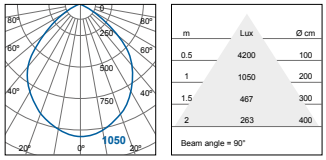
F25245RC / F25745RC with CF0212d (4000K)

Wattage (W)	15
Max. Luminous Intensity (cd)	650
Beam Angle (°)	90
Luminous Flux (lm)	1200



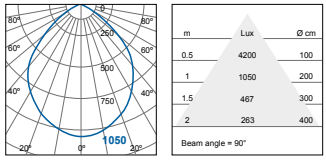
F25245RC with CF0220d (2800K)

Wattage (W)	24
Max. Luminous Intensity (cd)	1050
Beam Angle (°)	90
Luminous Flux (lm)	2000



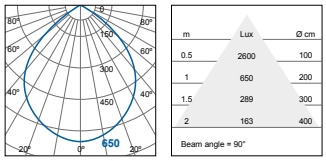
F25245RC with CF0220d (4000K)

Wattage (W)	24
Max. Luminous Intensity (cd)	1050
Beam Angle (°)	90
Luminous Flux (lm)	200



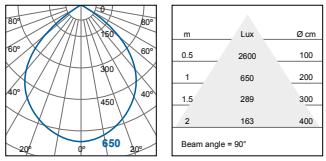
F26645RC / F26745RC with CF0212d (2800K)

Wattage (W)	15
Max. Luminous Intensity (cd)	650
Beam Angle (°)	90
Luminous Flux (lm)	1200



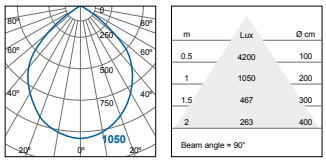
F26645RC / F26745RC with CF0212d (4000K)

Wattage (W)	15
Max. Luminous Intensity (cd)	650
Beam Angle (°)	90
Luminous Flux (lm)	1200



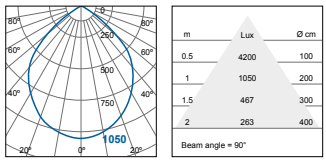
F26645RC with CF0220d (2800K)

Wattage (W)	24
Max. Luminous Intensity (cd)	1050
Beam Angle (°)	90
Luminous Flux (lm)	2000



F26645RC with CF0220d (4000K)

Wattage (W)	24
Max. Luminous Intensity (cd)	1050
Beam Angle (°)	90
Luminous Flux (lm)	2000



Decoding the MEGAMAN® Model Number

Nomenclature of Luminaires (Products launched after 2006)

F 281 00 RC v1 – d

Category Name
F – Fixture

Sequence
Three digits for indication
From 001-999

Light Source
Two digits for indication
From 00-99

Examples:
00 – Integrated LED luminaire
01 – E27 base
17 – GU10 base
(See page 165 for details)

Usage / Installation Type
Two digits for indication

Examples:
PD – Pendant
RC – Recessed
SM – Surface mounted
(See page 166 for details)

Version
Two digits for indication
From 1-9
First letter "v" stands for version

Examples:
v1 = Version one

Technology
d = Triac dimming
dBT = *INGENIUM*® BLU
p = Perfect White
r = With microwave motion sensor
tw = Tunable White
w = Dim To Warm

Nomenclature of Luminaires (Products before 2006)

L 03 04 TK

Category Name
L – Luminaires

Sequence One
Two digits for indication
From 01-99

Indicates different series

Sequence Two
Two digits for indication
From 01-99

Indicates different appearance and application

Usage / Installation Type
Two digits for indication

Examples:
PD – Pendant
RC – Recessed
SM – Surface mounted
(See page 166 for details)

Nomenclature of LED Converters and Phase Cut Dimmable Electronic Transformer

LD 04 24 x1 v – C 700

Category Name
LD = LED converter or phase cut dimmable electronic transformer

Sequence One
Two digits for indication
From 01-99

Wattage
Two digits for indication

Examples:
05 – 5W
24 – 24W

Minimum quantity of LED lamp(s) to be connected
x1 – One Piece
x2 – Two Pieces

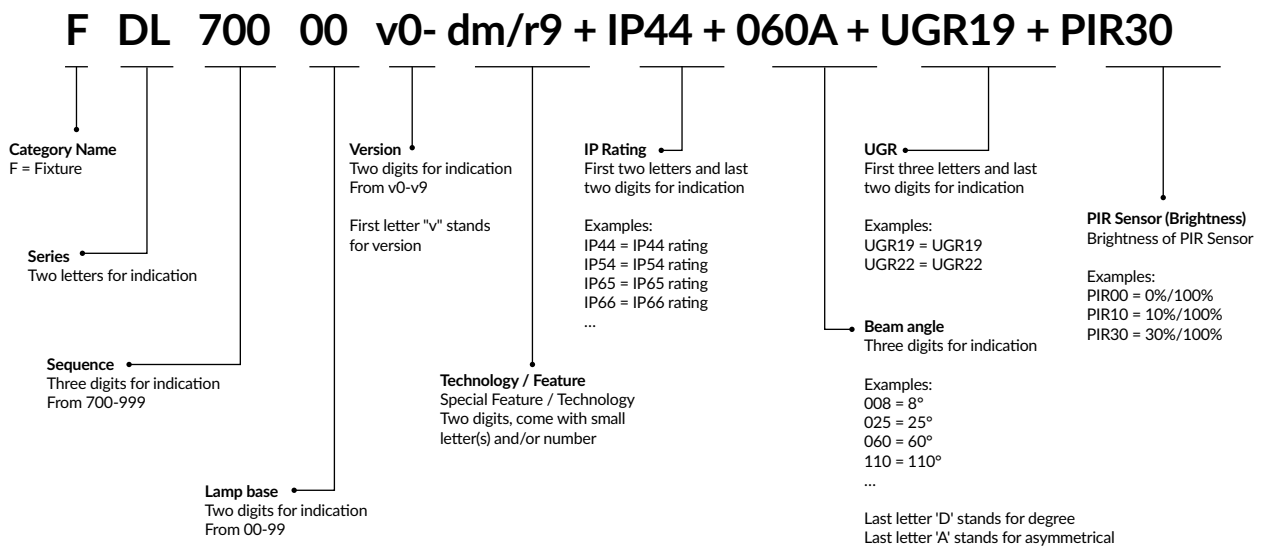
Technology
d – Triac dimming
v – DC1-10V

Type
C – Constant Current
K – Constant Voltage

Output Current / Voltage
For constant voltage converter, two digits stand for output voltage
12 – 12V

For constant current converter, three or four digits stand for output current
350 – 350mA
700 – 700mA
1050 – 1050mA

Upgrade of Nomenclature System



Series
Two letters for indication

Example:

Proposed Prefix	Series
GB	Gimbal
LB	Lowbay
HB	Highbay
GL	Garden Lamp
DS	Downlight (≤ Ø95mm)
DM	Downlight (>Ø95mm to ≤Ø140mm)
DL	Downlight (>Ø140mm)
IB	Indoor Batten
OB	Outdoor Batten
TA	Tracklight (Asian track, 1-way)
TK	Tracklight (European track, 3 way)
TJ	Tracklight (Japanese track)
FL	Floodlight
PL	Panel
LP	Linear Profile
CL	Indoor Ceiling Lamp
BH	Outdoor Bulkhead
WL	Wall Lamp
BA	Bollards
IG	In-ground
WK	Working Lamp
PD	Pendant Lamp

Lamp base
Two digits for indication (From 00-99)

Example:

00	Integrated LED luminaire
01	General E27 Type
02	General E14 Type
03	General B22 Type
04	General B15d Type
05	General E12 Type
06	General E17 Type
07	General E26 Type
08	General E26/E25 Type
09	General E40 Type
11	Reflector / lamp with R50 Shape
12	Reflector / lamp with R63 Shape
13	Reflector / lamp with R80 Shape
14	Reflector with PAR38 Shape
15	Reflector with PAR30 Shape
17	Reflector with GU10 Shape
18	Reflector / lamp with GX53 Shape
33	Plug-In with R7s Base
35	Reflector with PAR20 Shape
39	Connector for lamp with G53 Base
40	Reflector with GX8.5 Shape
41	Plug-In with MR16 Base
42	Reflector with E14 Base
43	LED Module TECOH® MHx in 24W
45	LED Light Engine TECOH® CFx PHJ65-2
46	LED R7s with 78mm length
47	LED R7s with 118mm length
48	LED Module TECOH® MHx in 17W
49	LED Module TECOH® RDx
51	LED Light Engine TECOH® Thx
52	Asian track (1-way)
53	European track (3-way)
54	Japanese track compatible (1-way)

Technology / Feature
Special Feature / Technology
Two digits, come with small letter(s) and/or number
Example:

Existing Suffix	Proposed Suffix	Special Feature / Technology
Product with *INGENIUM*® BLU technology, start with 'b'		
-dBT	-b1	*INGENIUM*® BLU Gen 1
-dBT2	-b2	*INGENIUM*® BLU Gen 2
Product with *INGENIUM*® ZB technology, start with 'z'		
-dZB	-zb	*INGENIUM*® ZB 3.0
Others		
-d	-dm	Phase-Cut Dimming (Compact Dim, Dimmerable, U-DIM)
-	-da	built-in DALI Dimming
-	-db	Dual Beam Technology™
-	-dc	built-in DC1-10V Dimming
-w	-dw	Dim to Warm
-s	-ds	Step Dimming
-r	-ms	with Microwave Motion Sensor
-	-ps	with PIR Sensor
-p	-pw	Perfect White
-R9	-r9	RichColour
-	-ru	Utlra RichColour
-tw	-tw	Tunable White
-	-ex	External Driver Required
-	-em	Emergency Option
-	-hs	High Saturation
H	-hp	High Power Factor
-	-pl	Permanent Live for Emergency
-	-sc	Switching Correlated Color Temperature (CCT)
-	-sw	ON/OFF Switch

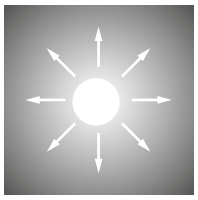
Colours / Materials

Code			Description (Colour, material, main process, 2nd process/texture, sequence)	Reference RAL Colour and Pantone
BK	1	1	Black, Plastic, Injected, Glossy, #1	RAL9004
BK	1	2	Black, Plastic, Injected, Matt, #2	RAL9004
BK	2	1	Black, Metal, Paint sprayed, Glossy, #1	RAL9005
BK	2	2	Black, Metal, Paint sprayed, Matt, #2	RAL9004
BK	2	3	Black, Metal,Paint sprayed, Coarse matt , #3	
BK	2	4	Black, Metal, Paint sprayed, Matt, #4	
BK	6	1	Black, Metal, Anodizing, Matt brush, #1	RAL9005
CH	5	1	Chromium, Metal, Electroplating, Brush, #1	
CH	5	2	Chromium, Metal, Electroplating, #1	
GD	2	1	Gold, Metal, Paint sprayed, Champagne, #1	RAL1035
GD	2	2	Gold, Plastic, Paint sprayed, Champagne, #2	
GD	2	3	Gold, Metal, Paint sprayed, Coarse Matt , #3	
GD	3	1	Gold, Plastic, Hot stamping, Brush, #1	RAL9006
GD	4	1	Gold, Plastic, Vacuum metalising gold, #1	
GD	5	1	Gold, Plastic, Electroplating, #1	
GD	5	2	Gold, Metal, Electroplating, #2	
GN	1	1	Green, Plastic, Injected, Glossy, #1	RAL6012
GN	1	2	Green, Plastic, Injected, Matt, #2	RAL6012
NI	4	1	Nickel, Plastic, Vacuum metalising aluminium, #1	
NI	5	1	Nickel, Plastic, Electroplating, #1	
NI	5	2	Nickel, Plastic, Electroplating, Swirl brush, #2	
NI	5	3	Nickel, Metal,Electroplating,Swirl brush, #3	
SV	1	1	Silver-grey, Plastic, Injected, Glossy, #1	RAL7005
SV	1	2	Silver-grey, Plastic, Injected, Matt, #2	RAL7036
SV	1	3	Silver-grey, Plastic, Injected, Matt, #3	
SV	1	4	Silver-grey, Plastic, Injected, Matt, #4	RAL7047
SV	1	5	Silver-grey, Plastic, Injected, Glossy, #5	RAL7042
SV	1	6	Silver-grey, Plastic, Injected, Matt, #6	
SV	2	1	Silver-grey, Plastic, Paint sprayed, Glossy, #1	RAL7040
SV	2	2	Silver-grey, Plastic, Paint sprayed, Matt, #2	RAL9006
SV	2	3	Silver-grey, Metal, Paint sprayed, Glossy, #3	RAL7038
SV	2	4	Silver-grey, Metal, Paint sprayed, Matt, #4	RAL9006
SV	2	5	Silver-grey, Plastic, Paint sprayed, Glossy, #5	RAL9006
SV	2	6	Silver-grey, Metal, Paint sprayed, Glossy, #6	RAL9006
SV	2	7	Grey, Metal, Paint sprayed, Granite, #7	
SV	2	8	Silver-grey, Metal, Paint sprayed, Glossy, #8	
SV	3	1	Silver-grey, Plastic, Hot stamping, Brush, #1	
SV	6	1	Silver-grey, Metal, Anodizing, Straight brush, #1	RAL9006
SV	6	2	Silver-grey, Metal, Anodizing, Sandblast, #2	RAL9006
SV	6	3	Silver-grey, Metal, Sandblast, #1	
SV	6	4	Silver-grey, Metal, Anodizing, Swirl brush, #4	
WH	1	1	White, Plastic, Injected, Glossy, #1	RAL9001
WH	1	2	White, Plastic, Injected, Matt, #2	RAL9001
WH	1	3	White, Plastic, Injected, Glossy, #3	RAL9003
WH	2	1	White, Metal, Paint sprayed, Glossy, #1	RAL9003
WH	2	2	White, Metal, Paint sprayed, Granite , #2	
WH	2	3	White, Plastic, Paint sprayed,Glossy, #3	
WH	2	4	White, Metal,Paint sprayed,Coarse matt, #4	
WH	2	5	Ivory White, Metal,Paint sprayed,Matt, #5	
WH	2	6	White, Metal,Paint sprayed,Matt, #6	

Connection Box / Terminal Block

Model No.	Connection type		
LA2501	Parallel type (Short version)	2-Way	
LA2502	Single screw type (Long version)	2-Way	
LA2504	Single screw type (Short version)	2-Way	
LA2505	Parallel type (Long version)	2-Way	
LA5111	Single screw type	3-Way	
LA5113	Single/Parallel push-in type	3-Way	
LA5211 (with fixing bracket)	Single screw type	3-Way	
LA5213 (with fixing bracket)	Single/Parallel push-in type	3-Way	

Symbol Information



Luminous Flux
Unit: lumen

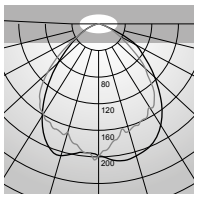
Luminous flux is the total amount of light energy radiated from a light source in all directions and is expressed in lumens.



Luminous Intensity
Unit: candela (cd)

Luminous intensity is the luminous flux in a given direction expressed in candelas (cd) as a measure of the visibility of a light source.

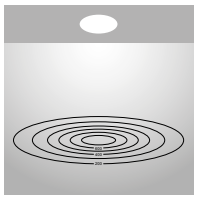
Most light sources emit the light at different strengths in different directions, the intensity distribution must be given for all directions to have a complete description of the light field. The representation in a polar-coordinate diagram is called a luminous intensity distribution curve.



Luminous Intensity Distribution Curve

A luminous intensity distribution curve is a graphical presentation of the distribution of light intensity of a light source, mainly used to show the light output of a reflector lamp or a luminaire. The curve is typically represented in polar plots because this format helps users to visualize both the orientation and the light distribution of the luminaire.

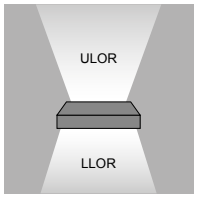
The luminous intensity distribution of a luminaire depends on its optical design that can involve the shape and form of the light source, reflectors, louvres, diffusers, lenses or shields which may be used to control the light output.



Illuminance
Unit: lx

Illuminance is the quantity of light illuminating a surface from all directions. Standard unit of measurement is lux (lx), which is lumen per square meter (lm/m^2).

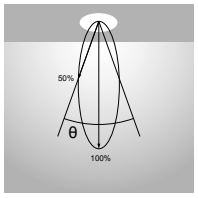
This is used to measure the brightness level of a working surface or an area. The illumination level is often represented with isolux-curves.



Light Output Ratio (LOR)

The ratio of the total light emitted by a luminaire to the total light output of the lamp(s) fitted into the luminaire. The light output ratio is always less than 1.

It is sometimes divided into an Upper Light Output Ratio (ULOR) and a Lower Light Output Ratio (LLOR).



Beam Angle (θ)
Unit: °

The beam angle defines the angular dimension of the light cone from directional lamps, it is measured between the points in the beam that are 50% of the centre peak intensity. It is an important parameter reference for spotlights and reflector lamps.

Explanation of IP Numbers for Degrees of Protection

Degrees of protection indicated by the first characteristic numeral

First characteristic numeral	Degree of protection	
	Short description	Brief details of objects which will be "excluded" from the enclosure
2	Protected against solid objects greater than 12 mm	Fingers or similar objects not exceeding 80 mm in length. Solid objects exceeding 12 mm in diameter
4	Protected against solid objects greater than 1,0 mm	Wires or strips of thickness greater than 1,0 mm. Solid objects exceeding 1,0 mm in diameter
5	Dust-protected	Ingress of dust is not totally prevented but dust does not enter in sufficient quantity to interfere with satisfactory operation of the equipment
6	Dust-tight	No ingress of dust

Degrees of protection indicated by the second characteristic numeral

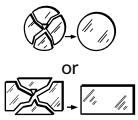
Second characteristic numeral	Degree of protection	
	Short description	Details of the type of protection provided by the enclosure
0	Non-protected	No special protection
3	Protected against spraying water	Water falling as a spray at an angle up to 60° from the vertical shall have no harmful effect
4	Protected against splashing water	Water splashed against the enclosure from any direction shall have no harmful effect
5	Protected against water jets	Water projected by a nozzle against the enclosure from any direction shall have no harmful effect
6	Protected against heavy seas	Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities

Class I - Earthed
Protection against electrical shock by earthing

Class II - Double Insulated
The luminaire provides protection against electrical shock using both the base insulation and an additional or reinforced insulation.

Class III - SELV
Supply by safety extra-low voltage provides protection against electrical shock.

European Community Mark



Replace any cracked protective shield



Beam angle



Rotating angle



Tilting angle





DIALux

MEGAMAN® offers a free and complete lighting design program to help you design various indoor and outdoor lighting schemes. The program includes an electronic catalogue with data sheets, product search function and specifications for management of luminaires and lamps. A photometric database is also included to provide comprehensive results when configuring lighting arrangements. The latest photometric data can also be found on our website.

Please visit www.megaman.cc and select the lighting design software icon to download the most up-to-date plug-ins and photometric information.

Model No.	Product Series	Light Source	Page No.
F01018RC	MEGAMAN® PLANEX	LED GX53 (GX53)	121
F02718RC	MEGAMAN® PLANEX	LED GX53 (GX53)	122
F02818RC	MEGAMAN® PLANEX	LED GX53 (GX53)	122
F03500SP	MEGAMAN ® TEKA	LED Integrated	216
F10314PD	MEGAMAN® ARTCO PAR	LED PAR38 (E27)	26
F10314PD+IP44	MEGAMAN® ARTCO PAR	LED PAR38 (E27)	26
F11301SU	MEGAMAN ® LUSTER	LED Integrated	232
F11517TK	MEGAMAN® MOSAIC	LED PAR16 (GU10)	58
F11914PD	MEGAMAN® ARTCO PAR	LED PAR38 (E27)	26
F11914PD+IP44	MEGAMAN® ARTCO PAR	LED PAR38 (E27)	26
F12217RC	MEGAMAN® CONXENTO	LED AR111 (GU10)	168
F12301RC	MEGAMAN® CONXENTO	LED PAR30 (E27)	168
F12601TK	MEGAMAN® LOFT	LED PAR30 (E27)	54
F12617TK	MEGAMAN® LOFT	LED AR111 (GU10)	54
F13117SM	MEGAMAN® TOBY	LED AR111 (GU10)	46
F13117TK	MEGAMAN® TOBY	LED AR111 (GU10)	46
F13139SM	MEGAMAN® TOBY	LED AR111 (G53)	46
F14241RC	MEGAMAN® MAX	LED MR16 (GU5.3)	156
F14341RC	MEGAMAN® MAX	LED MR16 (GU5.3)	156
F22241TK	MEGAMAN® MOSAIC	LED MR16 (GU5.3)	58
F25139SM	MEGAMAN® TOBY	LED AR111 (G53)	46
F25139TK	MEGAMAN® TOBY	LED AR111 (G53)	46
F25245RC	MEGAMAN® GENOA	TECOH® CFx CF0212d / CF0220d (PHJ65d-2)	150
F25343TK	MEGAMAN® MODENA	TECOH® MHx MH0130 (700mA)	40
F25348TK	MEGAMAN® MODENA	TECOH® MHx MH0219 (500mA)	40
F25349TK	MEGAMAN® MODENA	TECOH® RDx RD0343M (1400mA)	39
F25349TK-p	MEGAMAN® MODENA	TECOH® RDx RD0343M-p (1050mA)	39
F25745RC	MEGAMAN® GENOA	TECOH® CFx CF0212d (PHJ65d-2)	150
F26000RC	MEGAMAN® SIENA	LED Integrated	101
F26100RC	MEGAMAN® SIENA	LED Integrated	101
F26200RC	MEGAMAN® SIENA	LED Integrated	101
F26200RC-d	MEGAMAN® SIENA	LED Integrated	101
F26300RC	MEGAMAN® SIENA	LED Integrated	101
F26300RC-d	MEGAMAN® SIENA	LED Integrated	101
F26400RC	MEGAMAN® SIENA SR	LED Integrated	105
F26400RC-d	MEGAMAN® SIENA SR	LED Integrated	105
F26400RC-dBT	MEGAMAN® SIENA SR	LED Integrated	105
F26400RC-w	MEGAMAN® SIENA SR	LED Integrated	105
F26645RC	MEGAMAN® GENOA	TECOH® CFx CF0212d / CF0220d (PHJ65d-2)	150
F26745RC	MEGAMAN® GENOA	TECOH® CFx CF0212d (PHJ65d-2)	150
F26817TK	MEGAMAN® ALDA	LED AR111 (GU10)	44
F27000PL	MEGAMAN ® ADVANT	LED Integrated	182
F27100RC	MEGAMAN® SIENA	LED Integrated	102
F27100RCv1	MEGAMAN® SIENA	LED Integrated	102
F27100RCv1-d	MEGAMAN® SIENA	LED Integrated	102
F27500RC	MEGAMAN® RICO	LED Integrated	133
F27600RC	MEGAMAN® RICO	LED Integrated	133
F27800TK	MEGAMAN® ESTA	LED Integrated	51
F27800TKv1	MEGAMAN® ESTA	LED Integrated	51
F27900TK	MEGAMAN® ESTA	LED Integrated	52
F28048TK	MEGAMAN® MODENA	TECOH® MHx MH0219 (500mA)	40
F28049TK	MEGAMAN® MODENA	TECOH® RDx RD0231M (700mA)	39
F28049TK-p	MEGAMAN® MODENA	TECOH® RDx RD0231M-p (700mA)	39
F28100RC	MEGAMAN® SIENA	LED Integrated	111
F28100RC-d	MEGAMAN® SIENA	LED Integrated	111
F28100RC-dBT	MEGAMAN® SIENA	LED Integrated	111

Model No.	Product Series	Light Source	Page No.
F28100RCv1	MEGAMAN® SIENA	LED Integrated	111
F28100RCv1-d	MEGAMAN® SIENA	LED Integrated	111
F28100RC-w	MEGAMAN® SIENA	LED Integrated	111
F28249RC	MEGAMAN® CARLO	TECOH® Rdx RD0343M (1050mA)	125
F28249RC-p	MEGAMAN® CARLO	TECOH® Rdx RD0555M-p (700mA)	125
F28249RC-R9	MEGAMAN® CARLO	TECOH® Rdx RD0343M (1050mA)	125
F28400RC	MEGAMAN® RICO	LED Integrated	133
F28500RC	MEGAMAN® SIENA	LED Integrated	102
F28751RC	MEGAMAN® VERSOFIT	TECOH® THx TH0106d	160
F28851RC	MEGAMAN® VERSOFIT	TECOH® THx TH0106d	160
F28951RC	MEGAMAN® VERSOFIT	TECOH® THx TH0106d	160
F29000SM	MEGAMAN® PINO	LED Integrated	79
F29100SM	MEGAMAN® PINO	LED Integrated	79
F29249RC	MEGAMAN® VITO	TECOH® RDx RD0555M (1400mA)	148
F29349RC	MEGAMAN® VITO	TECOH® RDx RD0555M (1050mA)	148
F29349RC-p	MEGAMAN® VITO	TECOH® RDx RD0555M (1050mA)	148
F29500RC	MEGAMAN® SIENA	LED Integrated	112
F29500RC-d	MEGAMAN® SIENA	LED Integrated	112
F29500RCv1	MEGAMAN® SIENA	LED Integrated	112
F29500RCv1-d	MEGAMAN® SIENA	LED Integrated	112
F29500RC-w	MEGAMAN® SIENA	LED Integrated	112
F29600RC	MEGAMAN® RICO	LED Integrated	133
F29700RC	MEGAMAN® RICO	LED Integrated	134
F29800RC	MEGAMAN® RICO	LED Integrated	134
F29900RC	MEGAMAN® RICO	LED Integrated	134
F29900RCv1	MEGAMAN® RICO	LED Integrated	134
F30217RC	MEGAMAN® LUCCA	LED PAR16 (GU10)	154
F30415TK	MEGAMAN® CORRUNA	LED PAR30 (E27)	48
F30417TK	MEGAMAN® CORRUNA	LED AR111 (GU10)	48
F30517TK	MEGAMAN® CORRUNA	LED PAR16 (GU10)	48
F30617RC	MEGAMAN® VERONA	LED PAR16 (GU10)	158
F30717RC	MEGAMAN® VERONA	LED PAR16 (GU10)	158
F31217RC	MEGAMAN® LUCCA	LED PAR16 (GU10)	154
F32114SP	MEGAMAN ® CAPPI	LED PAR38 (E27)	218
F50500SM	MEGAMAN® RENZO	LED Integrated	64
F50500SM+IP44	MEGAMAN® RENZO	LED Integrated	64
F50500SM-H	MEGAMAN® RENZO	LED Integrated	64
F50500SM-H+IP44	MEGAMAN® RENZO	LED Integrated	64
F50600SM	MEGAMAN® RENZO	LED Integrated	64
F50600SM+IP44	MEGAMAN® RENZO	LED Integrated	64
F50600SM-H	MEGAMAN® RENZO	LED Integrated	64
F50600SM-H+IP44	MEGAMAN® RENZO	LED Integrated	64
F50600SM-r+IP44	MEGAMAN® RENZO	LED Integrated	64
F50700SM	MEGAMAN® RENZO	LED Integrated	65
F50700SM+IP44	MEGAMAN® RENZO	LED Integrated	65
F50700SM-H+IP44	MEGAMAN® RENZO	LED Integrated	65
F50700SM-r+IP44	MEGAMAN® RENZO	LED Integrated	65
F51100SM	MEGAMAN ® FONDA	LED Integrated	211
F51100SM-r	MEGAMAN ® FONDA	LED Integrated	211
F51100SMv1	MEGAMAN ® FONDA	LED Integrated	211
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F51100SMv2-r	MEGAMAN ® FONDA	LED Integrated	211
F51300SM	MEGAMAN ® FONDA	LED Integrated	211
F51300SM-r	MEGAMAN ® FONDA	LED Integrated	211
F51400RC	MEGAMAN® SIENA	LED Integrated	102
F51549RC	MEGAMAN® CARLO Mini	TECOH® Rdx RD0231M (700mA)	126

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F51549RC-p	MEGAMAN® CARLO Mini	TECOH® Rdx RD0231M-p (700mA)	126
F51700RC	MEGAMAN® KARA	LED Integrated	164
F51800RC	MEGAMAN® KARA	LED Integrated	164
F52000SU (LA3202 + LA3130)	MEGAMAN ® LUSTER	LED Integrated	229
F52200SU (LA3204 + LA3130)	MEGAMAN ® LUSTER	LED Integrated	231
F52349RC	MEGAMAN® VITO	TECOH® RDx RD0555M (1400mA)	148
F52517RC	MEGAMAN® SIRA	LED PAR16 (GU10)	162
F52600RC	MEGAMAN® CHICO	LED Integrated	152
F52700RC	MEGAMAN® CHICO	LED Integrated	152
F52800RC	MEGAMAN® CHICO	LED Integrated	152
F52900RC	MEGAMAN® CHICO	LED Integrated	152
F53200SU-60D (LA3202 + LA3128)	MEGAMAN ® LUSTER	LED Integrated	229
F53200SU-90D (LA3202 + LA3129)	MEGAMAN ® LUSTER	LED Integrated	229
F53300SU-60D (LA3204 + LA3128)	MEGAMAN ® LUSTER	LED Integrated	231
F53300SU-90D (LA3204 + LA3129)	MEGAMAN ® LUSTER	LED Integrated	231
F53500RC	MEGAMAN® RICO HR	LED Integrated	137
F53500RC-R9	MEGAMAN® RICO HR	LED Integrated	137
F53500RCv2	MEGAMAN® RICO HR	LED Integrated	137
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F54100RC	MEGAMAN® SIENA SR	LED Integrated	103
F54100RC-d	MEGAMAN® SIENA SR	LED Integrated	103
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F54200RC-d	MEGAMAN® SIENA SR	LED Integrated	103
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F54300RCv1	MEGAMAN® SIENA SR	LED Integrated	104
F54300RCv2	MEGAMAN® SIENA SR	LED Integrated	104
F54500RC	MEGAMAN® SIENA FR	LED Integrated	107
F54500RC-R9	MEGAMAN® SIENA FR	LED Integrated	109
F54600RC	MEGAMAN® SIENA FR	LED Integrated	107
F54600RC-d	MEGAMAN® SIENA FR	LED Integrated	107
F54600RC-R9	MEGAMAN® SIENA FR	LED Integrated	109
F54700RC	MEGAMAN® SIENA FR	LED Integrated	107
F54700RC-60D	MEGAMAN® SIENA FR	LED Integrated	106
F54700RC-d	MEGAMAN® SIENA FR	LED Integrated	107
F54700RC-R9	MEGAMAN® SIENA FR	LED Integrated	109
F54800RC	MEGAMAN® SIENA FR	LED Integrated	108
F54800RC-60D	MEGAMAN® SIENA FR	LED Integrated	106
F54800RC-R9	MEGAMAN® SIENA FR	LED Integrated	110
F54800RCv1	MEGAMAN® SIENA FR	LED Integrated	108
F54800RCv1-R9	MEGAMAN® SIENA FR	LED Integrated	110
F54800RCv2	MEGAMAN® SIENA FR	LED Integrated	108
F54800RCv2-R9	MEGAMAN® SIENA FR	LED Integrated	110
F54952RC	MEGAMAN® ABBY	TECOH® THx	142
F55052RC	MEGAMAN® ABBY	TECOH® THx	142
F55752RC	MEGAMAN® ZEKI	TECOH® THx	146
F55852RC	MEGAMAN® ZEKI	TECOH® THx	146
F55952RC	MEGAMAN® ZEKI	TECOH® THx	146
F56353RC	MEGAMAN® ZEKI	TECOH® THx	145
F56453RC	MEGAMAN® ZEKI	TECOH® THx	145
F56553RC	MEGAMAN® ZEKI	TECOH® THx	145
F59900SM	MEGAMAN® KETO	LED Integrated	87
F60000SM	MEGAMAN® KETO	LED Integrated	87
F60100SM	MEGAMAN® KETO	LED Integrated	87
F60900SM	MEGAMAN ® DINO 2	LED Integrated	190
F61000SM	MEGAMAN ® DINO 2	LED Integrated	190
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F61400SM	MEGAMAN ® DINO 2	LED Integrated	191
F61500SM	MEGAMAN ® DINO 2	LED Integrated	191
F61500SMv1	MEGAMAN ® DINO 2	LED Integrated	191
F61600SM	MEGAMAN ® DINO 2	LED Integrated	191
F61600SMv1	MEGAMAN ® DINO 2	LED Integrated	191
F62300RC	MEGAMAN® RICO HR	LED Integrated	138
F62300RC-R9	MEGAMAN® RICO HR	LED Integrated	138
F62300RCv2	MEGAMAN® RICO HR	LED Integrated	138
F62300RC-w	MEGAMAN® RICO HR	LED Integrated	138
FBH51100v0-em	MEGAMAN ® FONDA	LED Integrated	211
FCL50500v0-zb/dm+IP44	MEGAMAN® RENZO	LED Integrated	63
FCL50600v1-zb/dm+IP44	MEGAMAN® RENZO	LED Integrated	63
FCL50700v1	MEGAMAN® RENZO	LED Integrated	65
FCL50700v1+IP44	MEGAMAN® RENZO	LED Integrated	65
FCL50700v1-ms+IP44	MEGAMAN® RENZO	LED Integrated	65
FCL50700v1-zb/dm+IP44	MEGAMAN® RENZO	LED Integrated	63
FCL50700v2-zb/dm+IP44	MEGAMAN® RENZO	LED Integrated	63
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CA-LUM-E-2018.1