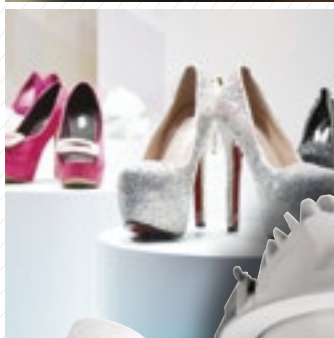




Life IN Light

MEGAMAN®

Technical
Luminaires
2015-16



and the other hand, the fact that the model is based on a single study may be a limitation.

It is important to note that the model is not intended to be used for the prediction of the number of deaths in a specific country. The model is only intended to be used for the prediction of the number of deaths in a specific region. The model is based on data from a single study and therefore may not be applicable to other regions.

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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.

- The MEGAMAN® range now includes more than 400 high-quality light sources;
- MEGAMAN now offers Smart Control with *INGENIUM*® BLU – providing further energy saving potential by giving users full lighting control via their smart device;
- MEGAMAN® now offers a full suite of lighting solutions with the addition of several new fixture lines, for both indoor and outdoor applications;
- MEGAMAN®'s *TECOH*® Light Engines and Modules range provides low-energy serviceable solutions for fixture makers worldwide;
- MEGAMAN® operates in over 90 countries across Europe, Asia-Pacific, the Middle East, Africa, North and South America, the USA and Canada;
- Our advanced research and development facilities ensure a continuous supply of new and exciting energy-efficient lighting products come to market every year.

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

MEGAMAN® MILESTONES



- 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** *DIMMERABLE*® 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



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.

Innovative and Unique Products

With our patented LED design and technology, the MEGAMAN® LED lamps and luminaires 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 Ra94
- 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




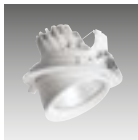













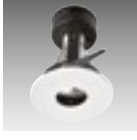

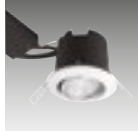

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INDOOR LIGHTING/

Recessed

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INDOOR LIGHTING/

Surface Mounted



MEGAMAN®
CONXENTO 65



MEGAMAN®
PALMLITE 67

Panel



MEGAMAN®
BERTO 71

Track Lighting



MEGAMAN®
MODENA 77



MEGAMAN®
ALDA 81



MEGAMAN®
TOBY 83



MEGAMAN®
CORRUNA 85



MEGAMAN®
ESTA 87



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MEGAMAN®
REFLEXO 95



MEGAMAN®
CONXENTO 97

Batten



MEGAMAN®
PINO 101

Bulkhead



MEGAMAN®
RENZO 105

Floodlight



MEGAMAN®
KARA 111

Suspended



MEGAMAN®
LUSTER-LED 115



MEGAMAN®
ARTCO PAR 119

OUTDOOR LIGHTING/

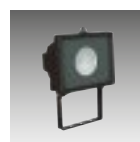
Floodlight



MEGAMAN®
TOTT 123



MEGAMAN®
KEPPA 127



MEGAMAN®
CORTONA 129



MEGAMAN®
ADVANT 131

Batten



MEGAMAN®
DINO 135

Bulkhead



MEGAMAN®
FONDA 141

Surface and Spike Mounted



MEGAMAN®
TEKA 145



MEGAMAN®
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LUMINAIRES by Light Source

B Indoor Lighting/ Batten	B Outdoor Lighting/ Batten
F Indoor Lighting/ Floodlight	F Outdoor Lighting/ Floodlight
H Indoor Lighting/ Bulkhead	H Outdoor Lighting/ Bulkhead
P Indoor Lighting/ Panel	M Outdoor Lighting/ Surface and Spike Mounted
R Indoor Lighting/ Recessed	
S Indoor Lighting/ Surface Mounted	
T Indoor Lighting/ Track Lighting	
U Indoor Lighting/ Suspended	

Integrated Luminaire

MEGAMAN® SIENA	R	31
MEGAMAN® RICO	R	37
MEGAMAN® CHICO	R	41
MEGAMAN® BERTO	P	71
MEGAMAN® ESTA	T	87
MEGAMAN® PINO	B	101
MEGAMAN® RENZO	H	105
MEGAMAN® KARA	F	111
MEGAMAN® LUSTER-LED	U	115
MEGAMAN® TOTT	F	123
MEGAMAN® ADVANT	F	131
MEGAMAN® DINO	B	135
MEGAMAN® FONDA	H	141
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LED Module – TECOH® RDx

MEGAMAN® VITO	R	11
MEGAMAN® CARLO and CARLO MINI	R	13
MEGAMAN® MODENA	T	77

LED Module – TECOH® MHx

MEGAMAN® CARLO and CARLO MINI	R	13
MEGAMAN® MODENA	T	77

LED Light Engine – TECOH® CFx

MEGAMAN® GENOA	R	19
MEGAMAN® CORTONA	F	129

LED Light Engine – TECOH® THx

MEGAMAN® VERSOFIT	R	57
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LED AR111

MEGAMAN® ANCONA	R	21
MEGAMAN® CONXENTO	R	23
MEGAMAN® MALCOLM	R	25
MEGAMAN® ALDA	T	81
MEGAMAN® TOBY	T	83
MEGAMAN® CORRUNA	T	85
MEGAMAN® LOFT	T	89

LED MR16

MEGAMAN® MALCOLM	R	25
MEGAMAN® LUCCA	R	43
MEGAMAN® MAX	R	45
MEGAMAN® MIRO	R	47
MEGAMAN® FOCO	R	51
MEGAMAN® MOSAIC	T	93
MEGAMAN® REFLEXO	T	95

LED PAR16

MEGAMAN® MALCOLM	R	25
MEGAMAN® LUCCA	R	43
MEGAMAN® MAX	R	45
MEGAMAN® MIRO	R	47
MEGAMAN® FOCO	R	51
MEGAMAN® ENVY	R	53
MEGAMAN® VERONA	R	55
MEGAMAN® SIRA	R	59
MEGAMAN® CORRUNA	T	85
MEGAMAN® MOSAIC	T	93
MEGAMAN® REFLEXO	T	95

LED PAR30S

MEGAMAN® GRANADA	R	29
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LED PAR30

MEGAMAN® CONXENTO	R	23
MEGAMAN® MALCOLM	R	25
MEGAMAN® CORRUNA	T	85
MEGAMAN® LOFT	T	89

LED PAR38

MEGAMAN® GRANADA	R	29
MEGAMAN® LOFT	T	89
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LED GX53

MEGAMAN® CONXENTO		
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LED R7s

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LED CLUSTERLITE®

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MEGAMAN® KEPPI	F	127



INDOOR LIGHTING/ Recessed



MEGAMAN®
VITO
11



MEGAMAN®
CARLO and
CARLO Mini
13



MEGAMAN®
GENOA
19



MEGAMAN®
ANCONA
21



MEGAMAN®
CONXENTO
23



MEGAMAN®
MALCOLM
25



MEGAMAN®
GRANADA
29



MEGAMAN®
SIENA
31



MEGAMAN®
RICO
37



MEGAMAN®
CHICO
41



MEGAMAN®
LUCCA
43



MEGAMAN®
MAX
45



MEGAMAN®
MIRO
47



MEGAMAN®
FOCO
51



MEGAMAN®
ENVY
53



MEGAMAN®
VERONA
55



MEGAMAN®
VERSOFIT
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MEGAMAN®
SIRA
59



MEGAMAN®
PLANEX
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MEGAMAN® VITO



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[#]
- High CRI version: Ra94 available
- Easy installation
- External driver required
- Die cast aluminium housing

[#] 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.

Applications

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

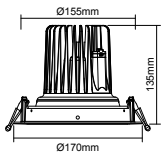


Working with TECOH® RDx LED Module

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



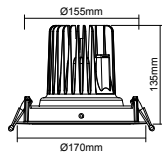
F29249RC



F29349RC / F52349RC



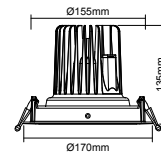
NEW



F29349RC-p

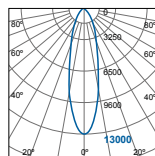
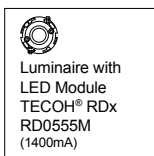


NEW



Model No.	Input Current (mA)	Nominal Voltage	Wattage ^A (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	Weight (g)
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 [#]	Active	TECOH® RDx RD0555M with input current 1400mA	Metal housing	LA11023	1119
NEW 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 [#]	Passive	TECOH® RDx RD0555M with input current 1400mA	Metal housing	LA11023	1304
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 [#]	Passive	TECOH® RDx RD0555M with input current 1050mA	Metal housing	LD0445x1-C1050	1042
NEW F29349RC-p*	1050	DC42-48V	48	3100 [3000K]	65 [3000K]	Ø170 x H135	Ø155	7000 [35°] 4100 [60°]	3000K [Ra82]	50000	Dimmable [#]	Passive	TECOH® RDx RD0555M-p with input current 1050mA	Metal housing	LD0445x1-C1050	1045

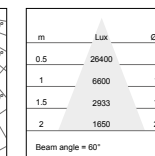
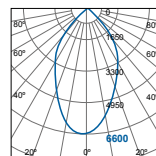
F29249RC-35° / F52349RC-35°



m	Lux	Ø cm
0.5	52000	32
1	13000	63
1.5	5778	95
2	3250	128

Beam angle = 35°

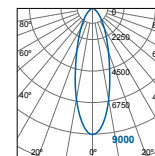
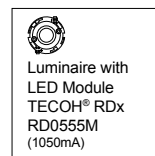
F29249RC-60° / F52349RC-60°



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

Beam angle = 60°

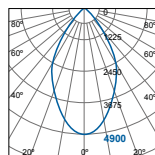
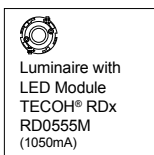
F29349RC-35°



m	Lux	Ø cm
0.5	36000	32
1	9000	63
1.5	4000	95
2	2250	128

Beam angle = 35°

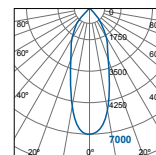
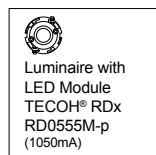
F29349RC-60°



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

Beam angle = 60°

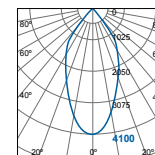
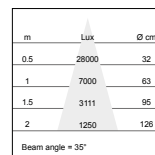
F29349RC-p-35°



m	Lux	Ø cm
0.5	28000	32
1	7000	63
1.5	3111	95
2	1250	128

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

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.

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

MEGAMAN® CARLO and CARLO Mini



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.

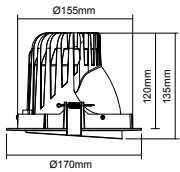
Features

- 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

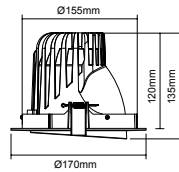
F28249RC



F28249RC-p

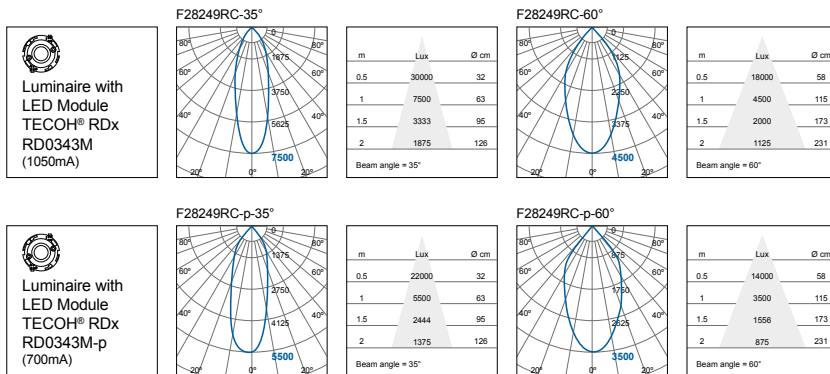


NEW



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	Light Source	Materials	Suggested Driver	Weight (g)
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 [^]	TECOH® RDx RD0343M with input current 1050mA	Metal housing	LD0436x1-C1050	1065
F28249RC-p*	700	DC40-46V	31	2400 [3000K]	77 [3000K]	Ø170 x H135	Ø155	5500 [35°] 3500 [60°]	3000K [Ra82]	50000	Dimmable [^]	TECOH® RDx RD0555M-p with input current 700mA	Metal housing	LA11053	1065

NEW



Working with TECOH® RDx LED Module

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

Different reflectors options available



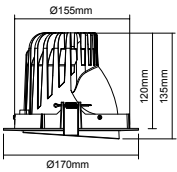
LA3107
35° Reflector

LA3108
60° Reflector

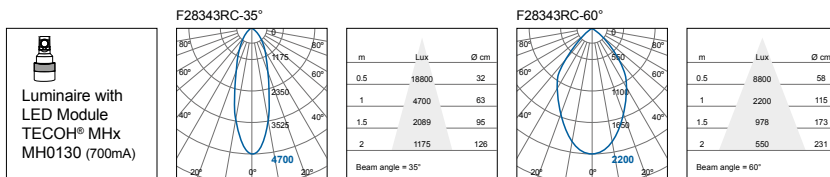
^{*} Preliminary data
[^] Capable of linear dimming when working with DALI, DSI or 1-10V dimming driver, and the dimming performance depends on the specification of driver. Please contact us for details.
[^] The wattage declared is the wattage of the luminaire without driver, the system wattage will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

MEGAMAN® CARLO

F28343RC



Model No.	Wattage [^] (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Materials	Weight (g)
F28343RC	28	Ø170 x H135	Ø155	TECOH® MHx MH0130 with input current 700mA	Metal housing	905



Specification of MEGAMAN® LED module TECOH® MHx

Model No.	Input Current (mA)	Nominal Voltage (V)	Wattage (W)	Luminous Flux at Ta 25°C (lm)	Luminous Efficacy at Ta 25°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% [#]	LD0424x1v-C700 / LD0424x1-C700	A+



Working with TECOH® MHx LED Module

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

Different reflectors options available



LA3109
35° Reflector



LA3110
60° Reflector

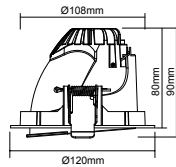
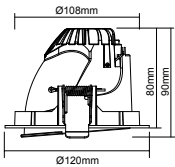
[#] Capable of linear dimming when working with DALI, DSI or 1-10V dimming driver, and the dimming performance depends on the specification of driver. Please contact us for details.
[^] The wattage declared is the wattage of the luminaire without driver; the system wattage will be dependent on driver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

MEGAMAN® CARLO Mini

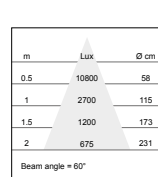
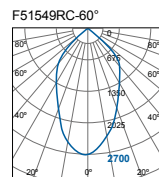
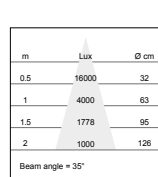
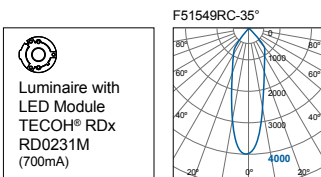
F51549RC



F51549RC-p



Model No.	Input Current (mA)	Nominal Voltage	Wattage ^A (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	Weight (g)
NEW 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 [#]	TECOH® RDx RD0231M with input current 700mA	Metal housing	LD0425x1-C700	431
NEW F51549RC-p*	700	DC33-39V	25	1800 [3000K]	72 [3000K]	Ø120 x H90	Ø108	3200 [35°] 2100 [60°]	3000K [Ra82]	50000	Dimmable [#]	TECOH® RDx RD0231M-p with input current 700mA	Metal housing	LD0425x1-C700	431



**Working with
TECOH® RDx
LED Module**

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

Different reflectors options available



LA3111
35° Reflector

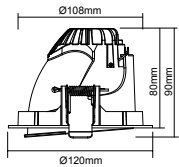


LA3112
60° Reflector

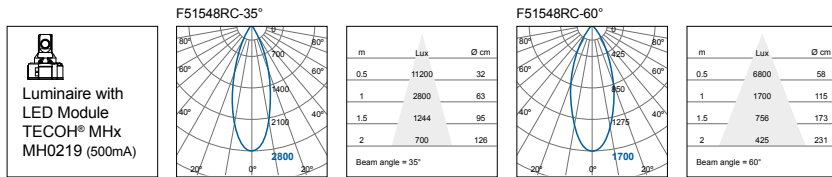
* Preliminary data
[#] Capable of linear dimming when working with DALI, DSI or 1-10V dimming driver, and the dimming performance depends on the specification of driver. Please contact us for details.
^A The wattage declared is the wattage of the luminaire without driver; the system wattage will be dependent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

MEGAMAN® CARLO Mini

F51548RC



Model No.	Wattage [^] (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Materials	Weight (g)
F51548RC	19	Ø120 x H90	Ø108	TECOH® MHx MH0219 with input current 500mA	Metal housing	431



Specification of MEGAMAN® LED module TECOH® MHx

Model No.	Input Current (mA)	Nominal Voltage (V)	Wattage (W)	Luminous Flux at Ta 25°C (lm)	Luminous Efficacy at Ta 25°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
MH0219	500	DC34V	17	2000 [3000K] 2200 [4000K]	118 [3000K] 129 [4000K]	1700 [3000K] 1900 [4000K]	100 [3000K] 112 [4000K]	3000K [Ra82] 4000K [Ra85]	50000	100-1% [#]	LD0217x1v-C500 / LD0217x1-C500	A+



Working with TECOH® MHx LED Module

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

Different reflectors options available



LA3113
35° Reflector

LA3114
60° Reflector

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



MEGAMAN® GENOA



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

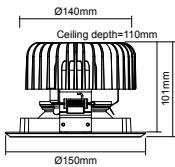
- Shopping malls
- Hotel lobbies
- Restaurants
- Supermarkets
- Reception areas
- Corridors

MEGAMAN® GENOA

F25245RC



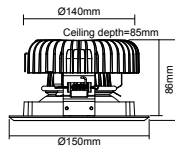
IP20 Class I



F25745RC



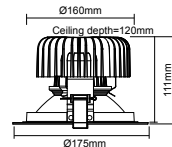
IP20 Class I



F26645RC



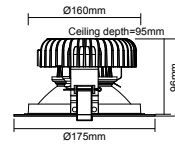
IP20 Class I



F26745RC

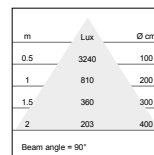
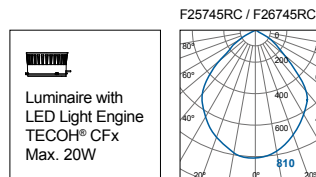
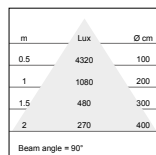
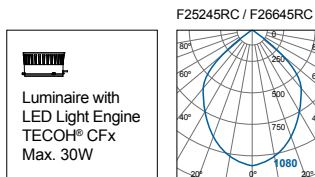


IP20 Class I



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

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials	Weight (g)
F25245RC	30	Ø150 x H101	Ø140	TECOH® CFx CF0112 / CF0112d / CF0120 / CF0120d	PHJ65d-2	Aluminium	800
F25745RC	20	Ø150 x H86	Ø140	TECOH® CFx CF0112 / CF0112d	PHJ65d-2	Aluminium	650
F26645RC	30	Ø175 x H111	Ø160	TECOH® CFx CF0112 / CF0112d / CF0120 / CF0120d	PHJ65d-2	Aluminium	900
F26745RC	20	Ø175 x H96	Ø160	TECOH® CFx CF0112 / CF0112d	PHJ65d-2	Aluminium	656



Please refer to page 161 for more light source information

Specification of MEGAMAN® LED light engine TECOH® CFx

Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp. [CRI]	Life Time at L70 B10 and Tc 65°C (hrs)	Dimmable	Energy Label
CF0112	220-240	15	1200	80	2800K / 4000K [Ra80]	25000	No	A+
CF0120	220-240	26	2000	77	2800K / 4000K [Ra80]	25000	No	A
CF0112d	220-240	20	1100 [2800K] 1200 [4000K]	55 [2800K] 60 [4000K]	2800K [Ra82] 4000K [Ra85]	35000	100-10%	A
CF0120d	220-240	30	1800 [2800K] 2000 [4000K]	60 [2800K] 67 [4000K]	2800K [Ra82] 4000K [Ra85]	35000	100-10%	A



Working with TECOH® CFx LED Light Engine

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

MEGAMAN® ANCONA



MEGAMAN® ANCONA works perfectly with the LED AR111 reflector to deliver superb light output and up to 40,000 hours life time for halogen replacement. It offers high uniformity soft light with low glare. MEGAMAN® ANCONA has a tilting angle of 30° for directional lighting applications, which is ideal for shopping malls, restaurants, hotels, offices and corridors.

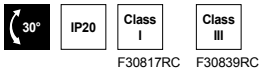
Features

- Trimless recessed gimbal downlight, MEGAMAN® ANCONA works perfectly with LED AR111 reflector for halogen replacement
 - Offers a tilting angle of 30° for directional lighting
 - Offers visual comfort without glare
 - Steel body
-

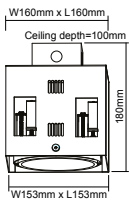
Applications

- Shopping malls
- Restaurants
- Hotels
- Offices
- Corridors

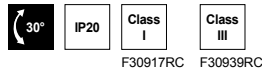
F30817RC / F30839RC



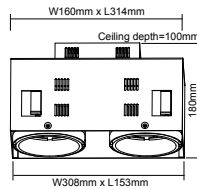
F30817RC F30839RC



F30917RC / F30939RC

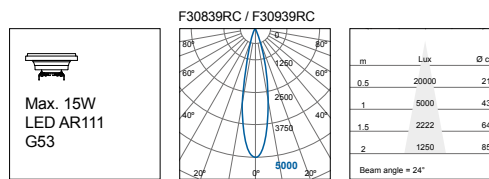
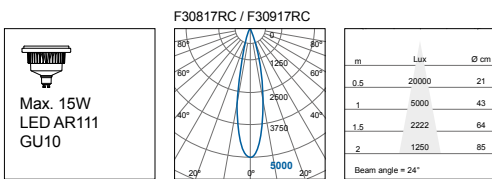


F30917RC F30939RC



Black (BK22)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials	Weight (g)
F30817RC	15	W153 x L153 x H180	W160 x L160	LED AR111	GU10	Steel	1315
F30839RC	15	W153 x L153 x H180	W160 x L160	LED AR111	G53	Steel	1295
F30917RC	2 x 15	W308 x L153 x H180	W160 x L314	LED AR111	GU10	Steel	2620
F30939RC	2 x 15	W308 x L153 x H180	W160 x L314	LED AR111	G53	Steel	2620



Please refer to page 151 for more light source information

MEGAMAN® CONXENTO



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. When fitted with MEGAMAN® LED lamps, it employs patented Thermal Conductive Highway™ technology which dissipates heat efficiently to prevent deterioration of the LED and the reflector design minimises glare.

- 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 168 for details

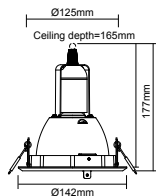
* Please refer to page 65 for surface mounted version and page 97 for track lighting version

Applications

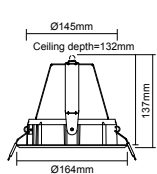
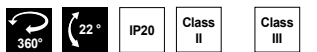
- Retail outlets
- Hotels
- Restaurants
- Galleries
- Residential applications
- Corridors

MEGAMAN® CONXENTO

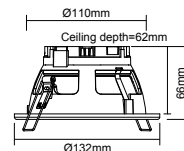
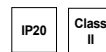
F12301RC



F12217RC / F12239RC

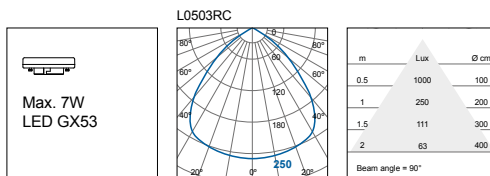
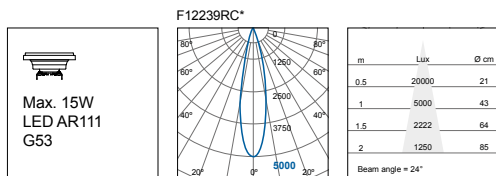
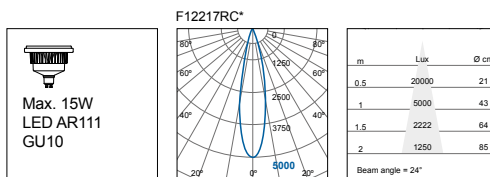
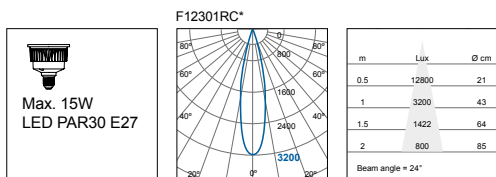


L0503RC



- White
(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	Weight (g)
F12301RC	15	Ø142 x H177	Ø125	LED PAR30	E27	Aluminium	315
F12217RC	15	Ø164 x H137	Ø145	LED AR111	GU10	Aluminium	390
F12239RC	15	Ø164 x H137	Ø145	LED AR111	G53	Aluminium	340
L0503RC	7	Ø132 x H66	Ø110	LED GX53	GX53	Polycarbonate	105



* Please refer to page 151 for more light source information

MEGAMAN® MALCOLM



MEGAMAN® MALCOLM works perfectly with LED MR16, PAR16, PAR30 and AR111 reflectors to replace halogen recessed lighting. It delivers excellent light output with up to 40,000 hours lifetime. MEGAMAN® MALCOLM provides a well-controlled light beam that is perfect for directional accent lighting. The gimbal construction has a 330° rotation angle and 30° tilting angle which allows ultra flexible adjustment. Round trim, square trim, twin and triple head options available, MEGAMAN® MALCOLM caters for different applications such as shops, restaurants, galleries, museums and the home.

Features

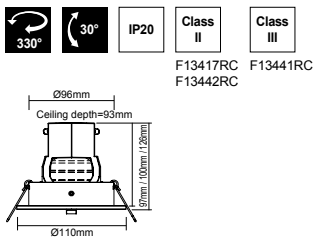
- To replace halogen recessed fittings, MEGAMAN® MALCOLM is designed to work with LED MR16, LED PAR16, LED PAR30, LED AR111 reflectors to offer powerful light output
- The gimbal construction provides multi-directional tilt
- Ultra flexible with 330° rotation angle and 30° tilting angle adjustment
- Creates controlled light beam for directional accent lighting
- Has options for different types of supply terminations, please refer to page 168 for details

Applications

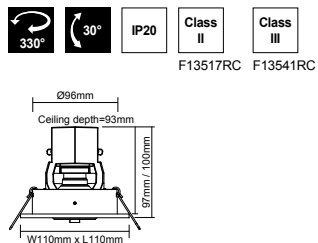
- Shops and boutiques
- Restaurants
- Galleries and museums
- Homes
- Department stores
- Exhibition booths

MEGAMAN® MALCOLM

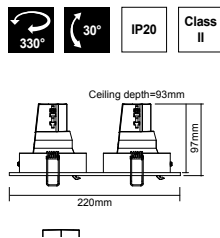
F13417RC / F13441RC / F13442RC



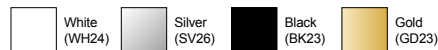
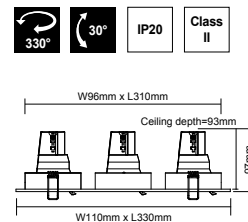
F13517RC / F13541RC



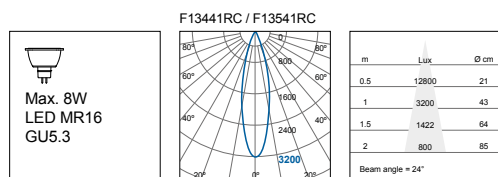
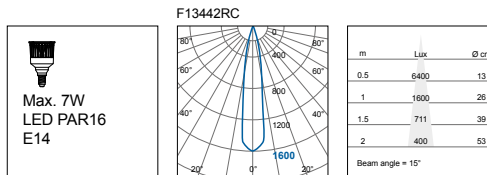
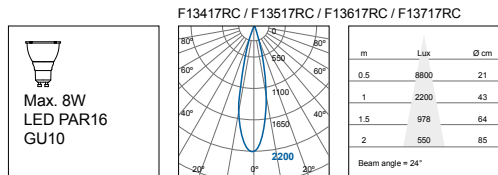
F13617RC



F13717RC



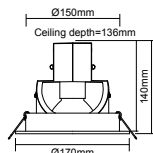
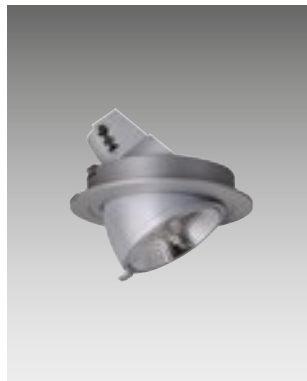
Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials	Weight (g)
F13417RC	8	Ø110 x H97	Ø96	LED PAR16	GU10	Aluminium and polycarbonate	255
F13441RC	8	Ø110 x H100	Ø96	LED MR16	GU5.3	Aluminium and polycarbonate	255
F13442RC	7	Ø110 x H126	Ø96	LED PAR16	E14	Aluminium and polycarbonate	245
F13517RC	8	W110 x L110 x H97	Ø96	LED PAR16	GU10	Aluminium and polycarbonate	290
F13541RC	8	W110 x L110 x H100	Ø96	LED MR16	GU5.3	Aluminium and polycarbonate	226
F13617RC	2 x 8	W110 x L220 x H97	W96 x L205	LED PAR16	GU10	Aluminium and polycarbonate	585
F13717RC	3 x 8	W110 x L330 x H97	W96 x L310	LED PAR16	GU10	Aluminium and polycarbonate	885



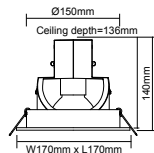
Please refer to page 151 for more light source information

MEGAMAN® MALCOLM

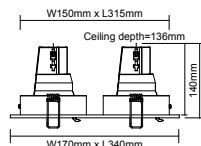
F13815RC



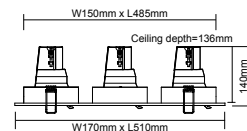
F13915RC



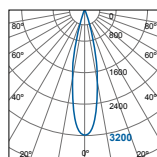
F14015RC



F14115RC



Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials	Weight (g)
F13815RC	15	Ø170 x H140	Ø150	LED PAR30	E27	Aluminium and polycarbonate	350
F13915RC	15	W170 x L170 x H140	Ø150	LED PAR30	E27	Aluminium and polycarbonate	415
F14015RC	2 x 15	W170 x L340 x H140	W150 x L315	LED PAR30	E27	Aluminium and polycarbonate	591
F14115RC	3 x 15	W170 x L510 x H140	W150 x L485	LED PAR30	E27	Aluminium and polycarbonate	1531



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

Beam angle = 24°

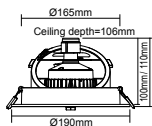
Please refer to page 151 for more light source information

MEGAMAN® MALCOLM

F14417RC / F14439RC



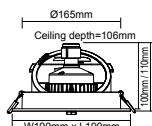
F14417RC F14439RC



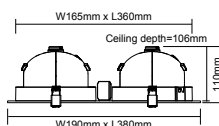
F14517RC / F14539RC



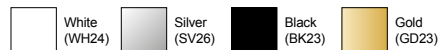
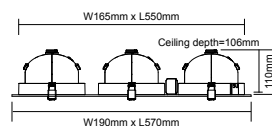
F14517RC F14539RC



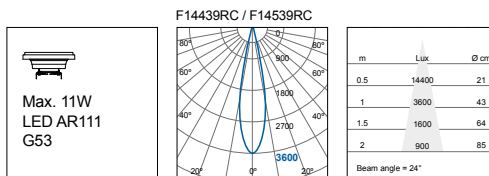
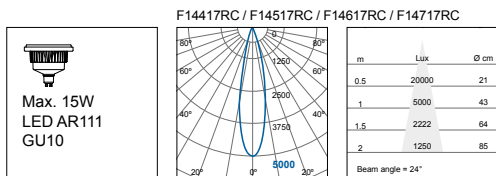
F14617RC



F14717RC



Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials	Weight (g)
F14417RC	15	Ø190 x H110	Ø165	LED AR111	GU10	Aluminium and polycarbonate	390
F14439RC	11	Ø190 x H100	Ø165	LED AR111	G53	Aluminium and polycarbonate	380
F14517RC	15	W190 x L190 x H110	Ø165	LED AR111	GU10	Aluminium and polycarbonate	485
F14539RC	11	W190 x L190 x H100	Ø165	LED AR111	G53	Aluminium and polycarbonate	460
F14617RC	2 x 15	W190 x L380 x H110	W165 x L360	LED AR111	GU10	Aluminium and polycarbonate	946
F14717RC	3 x 15	W190 x L570 x H110	W165 x L550	LED AR111	GU10	Aluminium and polycarbonate	1390



Please refer to page 151 for more light source information

MEGAMAN® GRANADA



MEGAMAN® GRANADA has a metal can housing design that allows use under thermal insulation. MEGAMAN® GRANADA is designed to work with LED PAR30S and PAR38 reflectors to provide excellent light quality for conventional applications.

Features

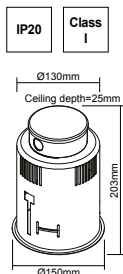
- Ideal for use with LED PAR30S and PAR38 reflectors, MEGAMAN® GRANADA delivers up to 30,000 hours lifetime for conventional applications
- Aluminium body
- Offers visual comfort without glare

Applications

- Shopping malls
- Restaurants
- Hotels
- Offices
- Corridors

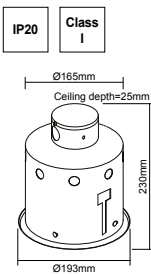
MEGAMAN® GRANADA

F31015RC



IP20 Class I

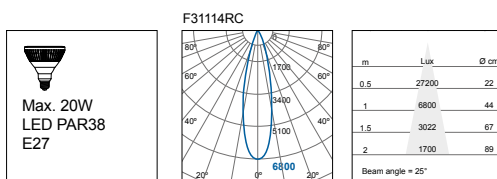
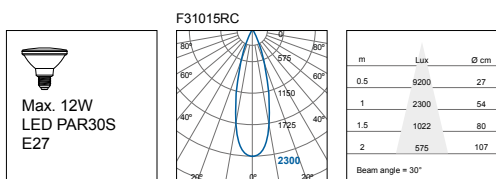
F31114RC



IP20 Class I

White (WH21)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials	Weight (g)
F31015RC	12	Ø150 x H203	Ø130	LED PAR30S	E27	Aluminium	710
F31114RC	20	Ø193 x H230	Ø165	LED PAR38	E27	Aluminium	1110



Please refer to page 151 for more light source information

MEGAMAN® SIENA



MEGAMAN® SIENA is a range of low energy LED recessed 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 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 suitable for restricted ceiling recess depths
- Different beam angle versions are available to cater for different applications
- IP44 rated diffuser versions for damp locations such as bathrooms and kitchens
- Value engineered with a minimum number of components for a cost competitive solution

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

- Options available in *INGENIUM*® BLU, Dim to Warm and linear dimming technologies:
 - **INGENIUM® BLU**: integrated with *INGENIUM*® BLU Bluetooth 4.0 technology, the MEGAMAN® SIENA downlight can be controlled by smart device via an app*
 - **Dim to Warm**: emits a warmer light when dimmed. The colour temperature changes from 2800K to 1800K when dimmed from 100 to 10%
 - **Linear dimming**: the luminaire can be dimmed from 100% to 10% when working with most conventional dimmers.
- Product benefits of MEGAMAN® SIENA 2.5" recessed adjustable downlight include:
 - 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
 - Multi-directional tilting angle allows adjustment after installation

Indoor Lighting • Recessed
MEGAMAN® SIENA

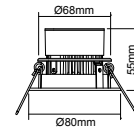
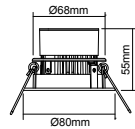
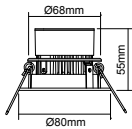
F28100RC / F28100RC-d
F28100RCv1 / F28100RCv1-d

F28100RC-dBT

ingenium™ BLU Bluetooth®

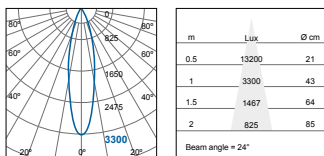
F28100RC-w

Dim to WARM

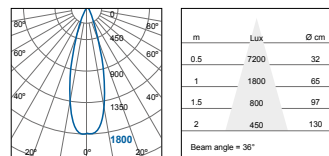


Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Materials	Weight (g)
F28100RC	220-240	7.5	500	67	Ø80 x H55	Ø68	3300 [24°] 1800 [36°]	2800K / 4000K [>Ra80]	25000	No	Metal housing with diffuser	180
NEW F28100RCv1	220-240	7.5	650	87	Ø80 x H55	Ø68	3650 [24°] 2000 [36°]	2800K / 4000K [>Ra80]	25000	No	Metal housing with diffuser	180
F28100RC-d	220-240	8	500	63	Ø80 x H55	Ø68	3300 [24°] 1800 [36°]	2800K / 4000K [>Ra80]	25000	100-10%#	Metal housing with diffuser	206
NEW F28100RCv1-d	220-240	8	650	81	Ø80 x H55	Ø68	3650 [24°] 2000 [36°]	2800K / 4000K [>Ra80]	25000	100-10%#	Metal housing with diffuser	212
NEW F28100RC-dBT*	220-240	8	500	63	Ø80 x H55	Ø68	3300 [24°] 1800 [36°]	2800K / 4000K [>Ra80]	25000	100-10%^	Metal housing with diffuser	213
NEW F28100RC-w	220-240	8	500	63	Ø80 x H55	Ø68	1800 [36°]	2800K [>Ra80]	25000	100-10%# (2800K-1800K)	Metal housing with diffuser	212

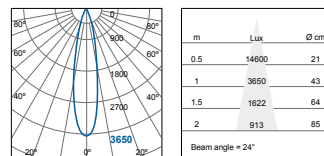
F28100RC-24° / F28100RC-d-24° / F28100RC-dBT-24°



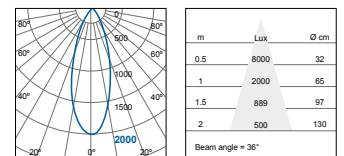
F28100RC-36° / F28100RC-d-36° / F28100RC-dBT-36° / F28100RC-w-36°



F28100RCv1-24° / F28100RCv1-d-24°



F28100RCv1-36° / F28100RCv1-d-36°



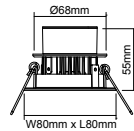
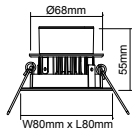
i Integrated LED luminaire

* Preliminary data
Capable of linear dimming from 100% to 10% when working with most conventional dimmers. Please refer to the compatible dimmer list at www.megaman.co.uk/user-guide for further details.
^ Dimmable by MEGAMAN® Bluetooth Control only.

MEGAMAN® SIENA

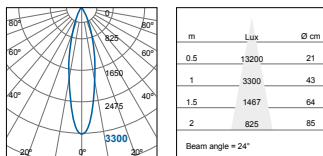
F29500RC / F29500RC-d
F29500RCv1 / F29500RCv1-d

F29500RC-w

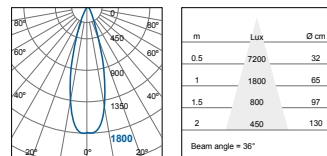


Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Materials	Weight (g)
NEW F29500RC	220-240	7.5	500	67	W80 x L80 x H55	Ø68	3300 [24°] 1800 [36°]	2800K / 4000K [>Ra80]	25000	No	Metal housing with diffuser	188
NEW F29500RCv1	220-240	7.5	650	87	W80 x L80 x H55	Ø68	3650 [24°] 2000 [36°]	2800K / 4000K [>Ra80]	25000	No	Metal housing with diffuser	188
NEW F29500RC-d	220-240	8	500	63	W80 x L80 x H55	Ø68	3300 [24°] 1800 [36°]	2800K / 4000K [>Ra80]	25000	100-10%#	Metal housing with diffuser	220
NEW F29500RCv1-d	220-240	8	650	81	W80 x L80 x H55	Ø68	3650 [24°] 2000 [36°]	2800K / 4000K [>Ra80]	25000	100-10%#	Metal housing with diffuser	220
NEW F29500RC-w	220-240	8	500	63	W80 x L80 x H55	Ø68	1800 [36°]	2800K [>Ra80]	25000	100-10%# (2800K-1800K)	Metal housing with diffuser	220

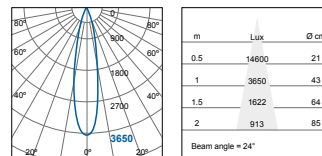
F29500RC-24° / F29500RC-d-24°



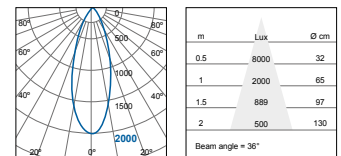
F29500RC-36° / F29500RC-d-36° / F29500RC-w-36°



F29500RCv1-24° / F29500RCv1-d-24°



F29500RCv1-36° / F29500RCv1-d-36°

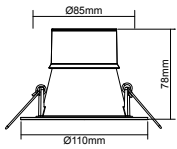
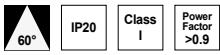


i Integrated LED luminaire

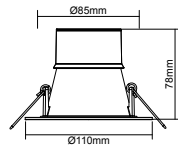
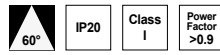
* Capable of linear dimming from 100% to 10% when working with most conventional dimmers. Please refer to the compatible dimmer list at www.megaman.cc/user-guide for further details.

Indoor Lighting • Recessed
MEGAMAN® SIENA

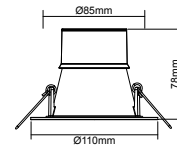
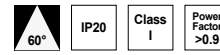
F26400RC / F26400RC-d



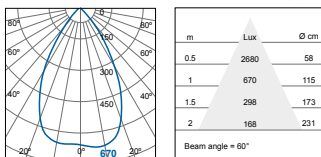
F26400RC-dBT



F26400RC-w



Model No.	Voltage (V)	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	Weight (g)
F26400RC	220-240	12.5	900	72	Ø110 x H78	Ø85	670 [60°]	2800K / 4000K / 6500K [>Ra80]	25000	No	Metal housing with silver reflector	150
F26400RC-d	220-240	13	900	69	Ø110 x H78	Ø85	670 [60°]	2800K / 4000K / 6500K [>Ra80]	25000	100-10%#	Metal housing with silver reflector	160
NEW F26400RC-dBT	220-240	13	900	69	Ø110 x H78	Ø85	670 [60°]	2800K / 4000K / 6500K [>Ra80]	25000	100-10%^	Metal housing with silver reflector	157
NEW F26400RC-w	220-240	13	900	69	Ø110 x H78	Ø85	670 [60°]	2800K [>Ra80]	25000	100-10%# (2800K-1800K)	Metal housing with silver reflector	172



i Integrated LED luminaire

Capable of linear dimming from 100% to 10% when working with most conventional dimmers. Please refer to the compatible dimmer list at www.megaman.co/user-guide for further details.

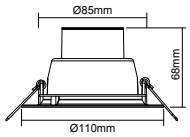
^ Dimmable by MEGAMAN® Bluetooth Control only.

MEGAMAN® SIENA

F26000RC



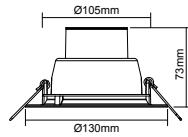
IP44 Class I Power Factor >0.9



F26100RC



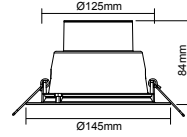
IP44 Class I Power Factor >0.9



F26200RC / F26200RC-d



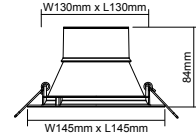
IP44 Class I Power Factor >0.9



F51400RC



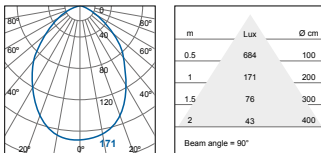
IP44 Class I Power Factor >0.9



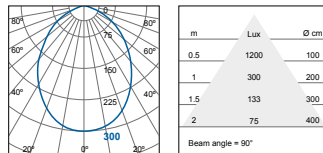
White (WH26) Silver (SV26)

Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Materials	Weight (g)
F26000RC	220-240	5	350	70	Ø110 x H68	Ø85	2800K / 4000K / 6500K [>Ra80]	25000	No	Metal housing with plastic diffuser	140
F26100RC	220-240	7.5	550	73	Ø130 x H73	Ø105	2800K / 4000K / 6500K [>Ra80]	25000	No	Metal housing with plastic diffuser	166
F26200RC	220-240	12.5	950	76	Ø145 x H84	Ø125	2800K / 4000K / 6500K [>Ra80]	25000	No	Metal housing with plastic diffuser	217
NEW F26200RC-d	220-240	13	950	73	Ø145 x H84	Ø125	2800K / 4000K / 6500K [>Ra80]	25000	100-10%#	Metal housing with plastic diffuser	220
NEW F51400RC	220-240	12.5	950	76	W145 x L145 x H84	W130 x L130	2800K / 4000K / 6500K [>Ra80]	25000	No	Metal housing with plastic diffuser	245

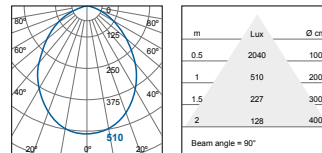
F26000RC



F26100RC



F26200RC / F26200RC-d / F51400RC



i Integrated LED luminaire

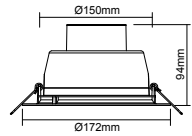
Capable of linear dimming from 100% to 10% when working with most conventional dimmers. Please refer to the compatible dimmer list at www.megaman.cc/user-guide for further details.

MEGAMAN® SIENA

F26300RC / F26300RC-d



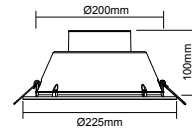
IP44 Class I Power Factor >0.9



F27100RC / F27100RCv1 / F27100RCv1-d / F28500RC



IP44 Class I Power Factor >0.9



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



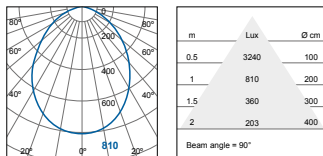
Conduit Connection

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

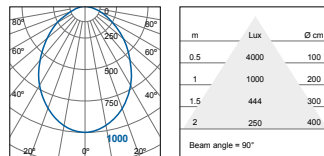


Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Materials	Weight (g)
F26300RC	220-240	20.5	1560	76	Ø172 x H94	Ø150	2800K / 4000K / 6500K [>Ra80]	25000	No	Metal housing with plastic diffuser	266
NEW F26300RC-d	220-240	21.5	1560	73	Ø172 x H94	Ø150	2800K / 4000K / 6500K [>Ra80]	25000	100-10%#	Metal housing with plastic diffuser	264
NEW F27100RCv1	220-240	20.5	1560	76	Ø225 x H100	Ø200	2800K / 4000K / 6500K [>Ra80]	25000	No	Metal housing with plastic diffuser	417
NEW F27100RCv1-d	220-240	21.5	1560	73	Ø225 x H100	Ø200	2800K / 4000K / 6500K [>Ra80]	25000	100-10%#	Metal housing with plastic diffuser	417
F28500RC	220-240	27	2000	74	Ø225 x H100	Ø200	2800K / 4000K / 6500K [>Ra80]	25000	No	Metal housing with plastic diffuser	438
F27100RC High Output	220-240	35.5	2700	76	Ø225 x H100	Ø200	2800K / 4000K / 6500K [>Ra80]	25000	No	Metal housing with plastic diffuser	447

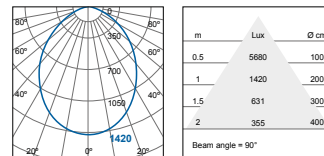
F26300RC / F26300RC-d / F27100RCv1 / F27100RCv1-d



F28500RC



F27100RC



i Integrated LED luminaire

Capable of linear dimming from 100% to 10% when working with most conventional dimmers. Please refer to the compatible dimmer list at www.megaman.cc/user-guide for further details.

MEGAMAN® RICO



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.

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

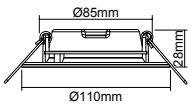
Applications

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

F27500RC



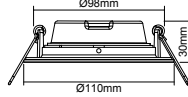
IP44 Class III



F27600RC



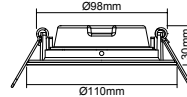
30° IP20 Class III



F28400RC



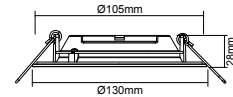
45° 30° IP20 Class III



F29600RC



IP44 Class III



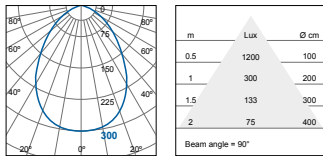
NEW

White (WH26) Silver (SV26)

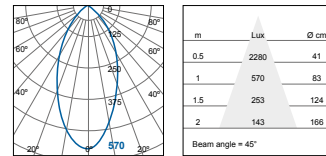
Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Materials	Suggested Driver	Weight (g)
F27500RC	350	DC17-21V	7	550	79	Ø110 x H28	Ø85	—	2800K / 4000K / 6500K (>Ra80)	25000	Dimmable [#]	Metal housing with plastic diffuser	LD0208x1d-C350	111
F27600RC	350	DC17-21V	7	550	79	Ø110 x H30	Ø98	—	2800K / 4000K / 6500K (>Ra80)	25000	Dimmable [#]	Metal housing with plastic diffuser	LD0208x1d-C350	125
F28400RC	350	DC18-20V	7	550	79	Ø110 x H30	Ø98	570 [45°]	2800K / 4000K / 6500K (>Ra80)	25000	Dimmable [#]	Metal housing with plastic diffuser	LD0208x1d-C350	117
F29600RC	350	DC20-23V	7	550	79	Ø130 x H28	Ø105	—	2800K / 4000K / 6500K (>Ra80)	25000	Dimmable [#]	Metal housing with plastic diffuser	LD0208x1d-C350	119

NEW

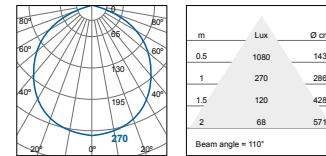
F27500RC / F27600RC



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)

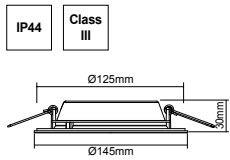
i Integrated LED luminaire

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.

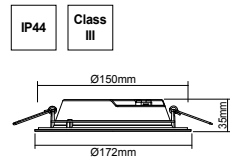
[#] Capable of linear dimming when working with DALI, DSI or 1-10V dimming driver, and the dimming performance depends on the specification of driver. Please contact us for details.

MEGAMAN® RICO

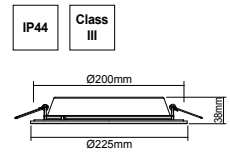
F29700RC



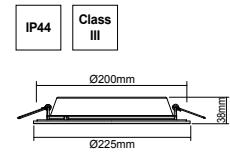
F29800RC



F29900RCv1

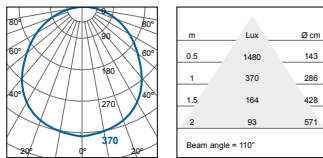


F29900RC

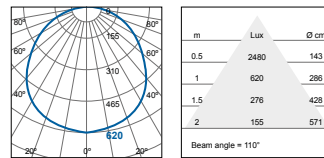


Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Materials	Suggested Driver	Weight (g)
NEW F29700RC	350	DC28-33V	11	950	86	Ø145 x H30	Ø125	2800K / 4000K / 6500K [>Ra80]	25000	Dimmable#	Metal housing with plastic diffuser	LD0212x1-C350	149
NEW F29800RC	500	DC37-43V	19	1560	82	Ø172 x H35	Ø150	2800K / 4000K / 6500K [>Ra80]	25000	Dimmable#	Metal housing with plastic diffuser	LD0219x1-C500 LD0219x1v-C500	200
NEW F29900RCv1	700	DC34-40V	25	2000	80	Ø225 x H38	Ø200	2800K / 4000K / 6500K [>Ra80]	25000	Dimmable#	Metal housing with plastic diffuser	LD0425x1-C700 LD0425x1v-C700	346
NEW F29900RC High Output	1050	DC28-33V	32	2700	84	Ø225 x H38	Ø200	2800K / 4000K / 6500K [>Ra80]	25000	Dimmable#	Metal housing with plastic diffuser	LD0436x1-C1050	345

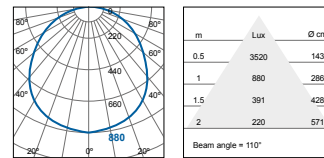
F29700RC



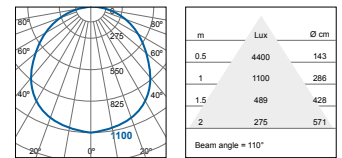
F29800RC



F29900RCv1



F29900RC



List of suggested MEGAMAN® LED converter

Driver Model No.	Input Voltage (V)	Output Current (mA)	Output Voltage	Lamp Wattage (W)	Power Factor (A)	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

i 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.
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® CHICO



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.

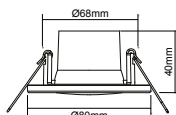
Features

- 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
-

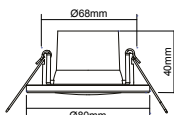
Applications

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

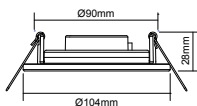
F52600RC



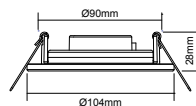
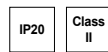
F52800RC



F52700RC

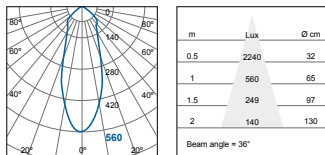


F52900RC

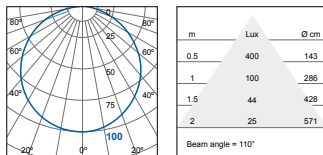


Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Max. Luminous Intensity (cd) [Beam Angle]	Colour Temp. [CRI]	Rated Life (hrs)	Materials	Weight (g)
NEW F52600RC	220-240	4	250	63	Ø80 x H40	Ø68	560 [36°]	2800K / 4000K [>Ra80]	15000	Plastic housing and diffuser	63
NEW F52800RC	220-240	4	250	63	Ø80 x H40	Ø68	560 [36°]	2800K / 4000K [>Ra80]	15000	Plastic housing and diffuser	66
NEW F52700RC	220-240	5	300	60	Ø104 x H28	Ø90	—	2800K / 4000K [>Ra80]	15000	Plastic housing and diffuser	97
NEW F52900RC	220-240	5	300	60	Ø104 x H28	Ø90	—	2800K / 4000K [>Ra80]	15000	Plastic housing and diffuser	97

F52600RC / F52800RC



F52700RC / F52900RC



MEGAMAN® LUCCA



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 168 for details
 - Can accommodate different heights of PAR16 and MR16 lamps
-

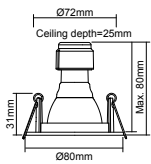
Applications

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

F30217RC



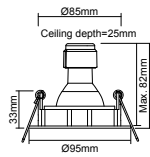
IP20 Class II



F31217RC



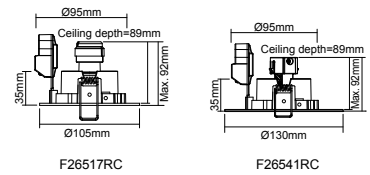
30° IP20 Class II



F26517RC / F26541RC

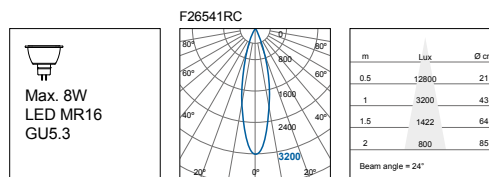
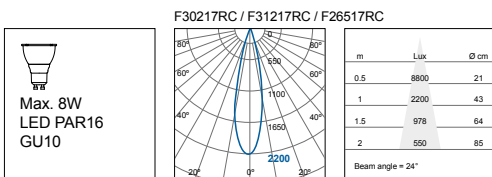


37° ±22° IP20 Class II Class III
 F26517RC F26541RC



White (WH21)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials	Weight (g)
F30217RC	8	Ø80 x H31	Ø72	LED PAR16	GU10	Aluminium	68
F31217RC	8	Ø95 x H33	Ø85	LED PAR16	GU10	Aluminium	75
F26517RC	8	Ø105 x H35	Ø95	LED PAR16	GU10	Aluminium	128
F26541RC	8	Ø130 x H35	Ø95	LED MR16	GU5.3	Aluminium	128



Please refer to page 151 for more light source information

MEGAMAN® MAX



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 168 for details
-

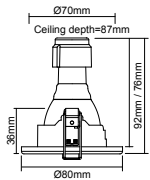
Applications

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

L0301RC / F14241RC



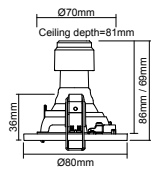
IP20 Class II



L0302RC / F14341RC

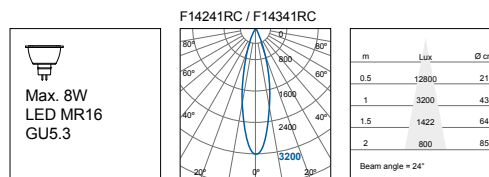
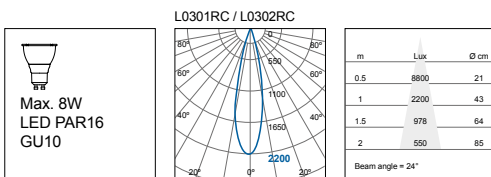


30° IP20 Class II



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	Weight (g)
L0301RC	8	Ø80 x H36	Ø70	LED PAR16	GU10	Polycarbonate	25
F14241RC	8	Ø80 x H36	Ø70	LED MR16	GU5.3	Polycarbonate	25
L0302RC	8	Ø80 x H36	Ø70	LED PAR16	GU10	Polycarbonate	30
F14341RC	8	Ø80 x H36	Ø70	LED MR16	GU5.3	Polycarbonate	30



Please refer to page 151 for more light source information

MEGAMAN® MIRO



MEGAMAN® MIRO works perfectly with LED MR16 and PAR16 reflectors to offer up to 25,000 hours lifetime and replace halogen MR16 and PAR16 downlights.

MEGAMAN® MIRO is available in a variety of versions, each boasting special features such as a diffuser glass cover, IP65 for outdoor under canopy use and adjustable tilt angle. The diffuser glass design version enhances visual comfort and delivers even light distribution, which is ideal for general lighting. The IP65 water resistant outdoor version allows for use in bathrooms, washrooms, wet areas and other outdoor (under canopy use) applications.

Features

- Designed to replace halogen MR16 and PAR16 downlights, using LED MR16 and PAR16 reflectors
- Offers up to 25,000 hours lifetime
- Stylish aluminium luminaire body
- Diffuser glass cover version available for enhanced visual comfort
- Adjustable tilt angle version available
- IP65 protection version available for outdoor under canopy use
- Has options for different types of supply terminations, please refer to page 168 for details

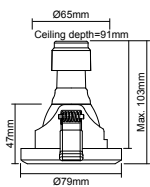
Applications

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

F01317RC / F01341RC



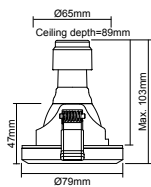
IP20 Class II Class III
 F01317RC F01341RC



F01417RC / F01441RC



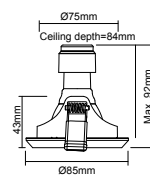
IP65 Class II Class III
 F01417RC F01441RC



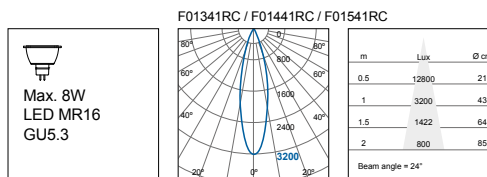
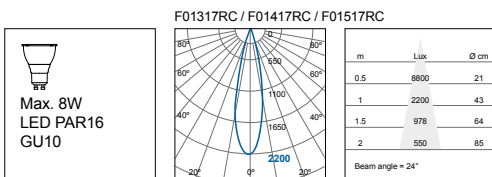
F01517RC / F01541RC



30° IP20 Class II Class III
 F01517RC F01541RC



Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials	Weight (g)
F01317RC	8	Ø79 x H47	Ø65	LED PAR16	GU10	Aluminium and polycarbonate	100
F01341RC	8	Ø79 x H47	Ø65	LED MR16	GU5.3	Aluminium and polycarbonate	120
F01417RC	8	Ø79 x H47	Ø65	LED PAR16	GU10	Aluminium and polycarbonate	110
F01441RC	8	Ø79 x H47	Ø65	LED MR16	GU5.3	Aluminium and polycarbonate	130
F01517RC	8	Ø85 x H43	Ø75	LED PAR16	GU10	Aluminium and polycarbonate	70
F01541RC	8	Ø85 x H43	Ø75	LED MR16	GU5.3	Aluminium and polycarbonate	100



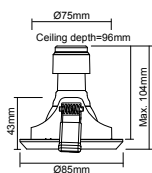
Please refer to page 151 for more light source information

MEGAMAN® MIRO

F01617RC / F01641RC



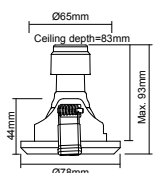
30° IP20 Class II Class III
F01617RC F01641RC



F01717RC / F01741RC

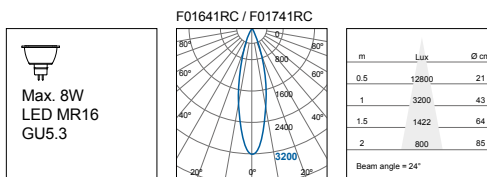
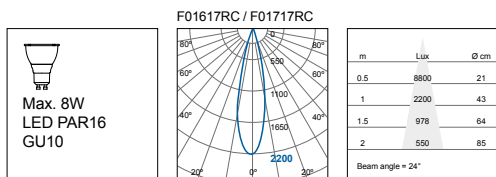


IP20 Class II Class III
F01717RC F01741RC



Silver (SV26)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials	Weight (g)
F01617RC	8	Ø85 x H43	Ø75	LED PAR16	GU10	Aluminium and polycarbonate	90
F01641RC	8	Ø85 x H43	Ø75	LED MR16	GU5.3	Aluminium and polycarbonate	110
F01717RC	8	Ø78 x H44	Ø65	LED PAR16	GU10	Aluminium and polycarbonate	80
F01741RC	8	Ø78 x H44	Ø65	LED MR16	GU5.3	Aluminium and polycarbonate	100



Please refer to page 151 for more light source information



MEGAMAN® FOCO



MEGAMAN® FOCO is designed to work with LED PAR16 and MR16 reflectors to offer high quality lighting performance with up to 25,000 hours lifetime – replacing halogen PAR16 and MR16 downlights.

With the flexible 30° tilt angle, MEGAMAN® FOCO can be adjusted after installation for optimal directional lighting. It also offers visual comfort with minimal glare that is perfect for a wide range of applications including retail, conference room, showroom and hospitality installations. MEGAMAN® FOCO enables users to create an eco-friendly lighting solution for their business or private occasions without compromising on lighting quality.

Features

- Works perfectly with LED PAR16 and LED MR16 reflector to offer up to 25,000 hours lifetime and replace halogen MR16 and PAR16 downlights
- Stylish aluminium body
- Adjustable version with 30° tilt angle available
- Offers visual comfort with minimal glare
- Has options for different types of supply terminations, please refer to page 168 for details

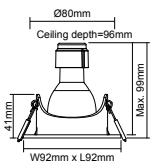
Applications

- Retail shops
- Conference room
- Showroom
- Hospitality installations

F01817RC / F01841RC



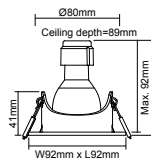
IP20 Class II Class III
 F01817RC F01841RC



F01917RC / F01941RC



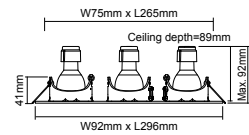
30° IP20 Class II Class III
 F01917RC F01941RC



F12917RC

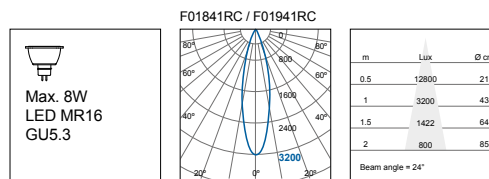
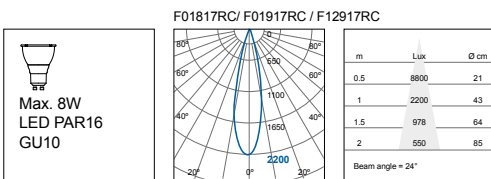


30° IP20 Class II



Silver (SV26)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials	Weight (g)
F01817RC	8	W92 x L92 x H41	Ø80	LED PAR16	GU10	Aluminium and polycarbonate	70
F01841RC	8	W92 x L92 x H41	Ø80	LED MR16	GU5.3	Aluminium and polycarbonate	90
F01917RC	8	W92 x L92 x H41	Ø80	LED PAR16	GU10	Aluminium and polycarbonate	70
F01941RC	8	W92 x L92 x H41	Ø80	LED MR16	GU5.3	Aluminium and polycarbonate	90
F12917RC	3 x 8	W92 x L296 x H41	W75 x L265	LED PAR16	GU10	Aluminium and polycarbonate	290



Please refer to page 151 for more light source information

MEGAMAN® ENVY



MEGAMAN® ENVY is designed with a recessed depth of 100mm, making it versatile enough for installation in a variety of ceilings. An ideal replacement for the halogen PAR16 downlight, MEGAMAN® ENVY can fit LED PAR16 reflectors, while offering up to 25,000 hours lifetime.

The secondary reflector design allows users to enjoy visual comfort by minimizing glare. MEGAMAN® ENVY has an integral wiring box and cable grip with space for looping installation cables. MEGAMAN® ENVY offers three different IP rated products; IP65, IP44 and IP20, catering for both indoor and outdoor (under canopy use) applications.

Features

- Designed for PAR16 downlight applications, MEGAMAN® ENVY works with LED PAR16 reflectors and offers up to 25,000 hours life
- Recessed depth of 100mm — suitable for a variety of ceilings
- Secondary reflector offers visual comfort by minimizing glare
- Entire range available in three different IP ratings for indoor and outdoor applications
- IP version has tempered, frosted glass cover
- Integrated wiring box and cable grip with space for looping installation cables

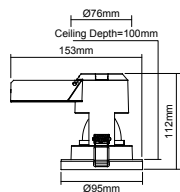
Applications

- Conference rooms
- Corridors
- Elevators
- Restaurants
- Lounges
- Bathrooms
- Patios
- Podiums
- Footbridges

F05717RC+IP44 / F05717RC+IP65



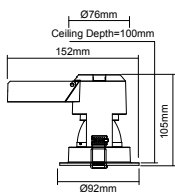
IP44 IP65 Class II



F05817RC

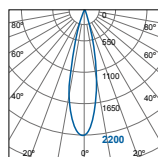
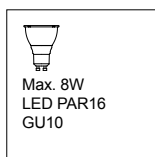


IP20 Class II



White (WH21 - F05717RC) (WH12/WH23- F05817RC) Silver (SV25 - F05817RC) (SV26 - F05717RC) Black (BK12 - F05817RC) (BK21 - F05717RC) Gold (GD21 - F05717RC) (GD22 - F05817RC)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials	Weight (g)
F05717RC+IP44	8	Ø95 x L153 x H112	Ø76	LED PAR16	GU10	Polycarbonate	200
F05717RC+IP65	8	Ø95 x L153 x H112	Ø76	LED PAR16	GU10	Polycarbonate	200
F05817RC	8	Ø92 x L152 x H105	Ø76	LED PAR16	GU10	Polycarbonate	140



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® VERONA



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

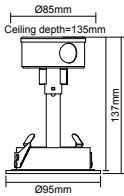
F30617RC



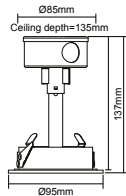
F30717RC



IP20 Class I

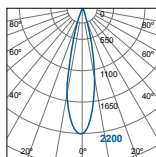
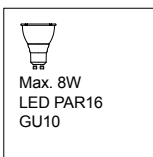


30° IP20 Class I



White (WH21)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials	Weight (g)
F30617RC	8	Ø95 x H137	Ø85	LED PAR16	GU10	Aluminium	245
F30717RC	8	Ø95 x H137	Ø85	LED PAR16	GU10	Aluminium	245



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® VERSOFIT



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

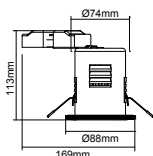
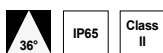
- Designed to provide protection to the floor above in the case of fire for 90 minutes
- Fully compliant to BS476 Part 21
- Loop in loop out features to save installation time
- Advanced thermal design to lower operating temperatures and extend life
- Adjustable and fixed options available
- Works with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

Applications

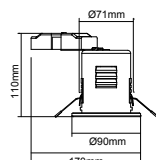
- Restaurants
- Hotels
- Offices
- Kitchens
- Corridors

MEGAMAN® VERSOFIT

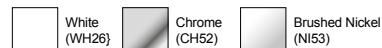
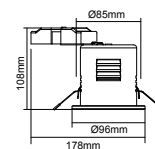
F28751RC



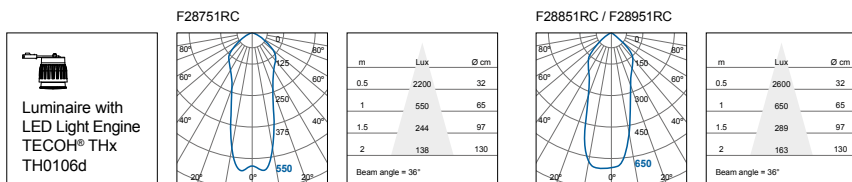
F28851RC



F28951RC



Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Materials	Weight (g)
NEW F28751RC	8	Ø88 x L169 x H113	Ø74	TECOH® THx TH0106d	Steel body	264
NEW F28851RC	8	Ø90 x L170 x H110	Ø71	TECOH® THx TH0106d	Steel body	235
NEW F28951RC	8	Ø96 x L178 x H108	Ø85	TECOH® THx TH0106d	Steel body	340



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%* [‡]	A



Working with TECOH® THx LED Light Engine

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

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

MEGAMAN® SIRA



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.

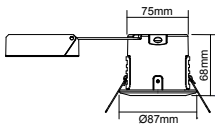
Features

- 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
-

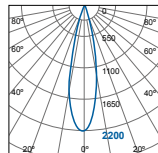
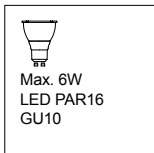
Applications

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

F52517RC



Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials	Weight (g)
NEW F52517RC*	6	Ø87 x H68	Ø75	LED PAR16	GU10	Steel body	140



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

* Preliminary data

MEGAMAN® PLANEX



Ideal for any ceiling recess with a 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 30,000 hours lifetime without the disadvantages of the extreme heat of halogens such as overheating, discolouration and deformation to furniture and display items.

Features

- Integral cabinet lighting with GX53 lamp holder
- Ultra slim profile: the luminaire height is only 26mm, up to 39mm
- Perfect for slim surface mounted and conventional recessed applications
- Eliminates problems of heat and damage to furniture and display objects. Metal ring construction version for perfect blend with furniture is available.
- Has options for different types of supply terminations, please refer to page 168 for details

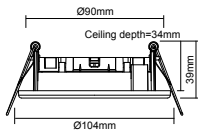
Applications

- Workstations
- Study rooms
- Light boxes
- Display shelves
- Kitchen cabinets and counters
- Bathrooms
- Wardrobes

L0504RC



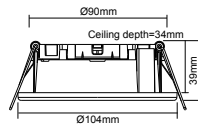
IP20 Class II



F01018RC



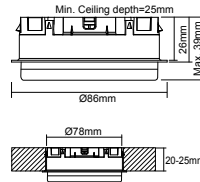
IP20 Class II



F02718RC



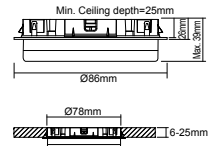
IP20 Class II



F02818RC

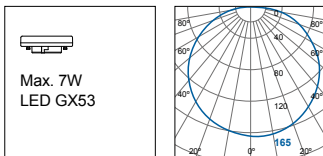


IP20 Class II



White (WH11 - F01018RC / L0504RC) (WH21 - F02718RC / F02818RC)
 Silver (SV22)
 Black (BK11 - F01018RC / L0504RC) (BK21 - F02718RC / F02818RC)
 Gold (GD21 - F02718RC / F02818RC) (GD41 - F01018RC / L0504RC)

Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials	Weight (g)
L0504RC	7	Ø104 x H39	Ø90	LED GX53	GX53	Polycarbonate	75
F01018RC	7	Ø104 x H39	Ø90	LED GX53	GX53	Polycarbonate	75
F02718RC	7	Ø86 x H26	Ø78	LED GX53	GX53	Steel	90
F02818RC	7	Ø86 x H26	Ø78	LED GX53	GX53	Steel	70



Please refer to page 151 for more light source information



INDOOR LIGHTING/ Surface Mounted



MEGAMAN®
CONXENTO
65



MEGAMAN®
PALMLITE
67

MEGAMAN® CONXENTO



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*

* Tracklight version of the adjustable luminaire on page 97; recessed downlight version on page 23

Applications

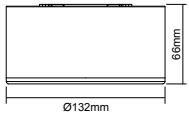
- Cabinets
- Shelves
- Workstations
- Showcase displays

Indoor Lighting • Surface Mounted
MEGAMAN® CONXENTO

L0503CL

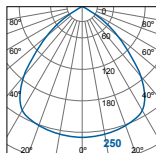
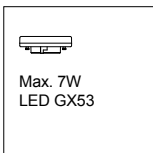


IP20 Class II



White (WH11) Black (BK11)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
L0503CL	7	Ø132 x H66	LED GX53	GX53	Polycarbonate	165



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

Beam angle = 90°

MEGAMAN® PALMLITE



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 168 for details
-

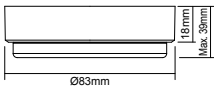
Applications

- Cabinets
- Shelves
- Workstations
- Showcase displays

L0501CB

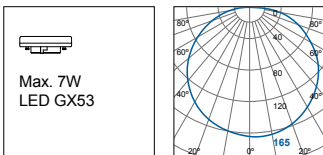


IP20 Class II



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

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
L0501CB	7	Ø83 x H18	LED GX53	GX53	Polycarbonate	60



Please refer to page 151 for more light source information



INDOOR LIGHTING/ Panel



MEGAMAN®
BERTO
71

MEGAMAN® BERTO



MEGAMAN® BERTO is an ultra slim integrated lighting solution that facilitates easy installation and maintenance. It delivers a high luminous efficacy up to 109lm/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 colour temperature of the LED panel is tunable from a cool white 6000K to a warm white 2800K allowing the user to create mood and set the ambience. 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 109lm/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
- Tunable white option can follow the circadian rhythm for human centric lighting
- Wide beam angle, ideal for general lighting
- High light uniformity
- External driver required

Applications

- Conference rooms
- Offices
- Classrooms
- Corridors

MEGAMAN® BERTO

F31300RC / F31400RC / F31500RC / F53700RC

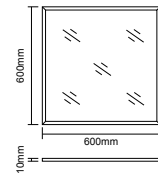
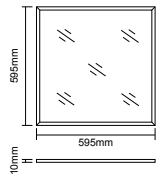


F31400RC-tw



IP20 Class III

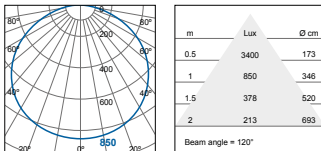
IP20 Class III



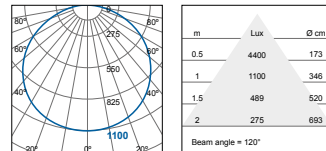
White (WH26) Silver (SV63)

Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Materials	Suggested Driver	Weight (g)
NEW F31300RC	700	DC 37-43V	28	2400 [3000K] 2600 [4000K] 2700 [6000K]	86 [3000K] 93 [4000K] 96 [6000K]	W595 x L595 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11015 / LA11050	3723
NEW F31400RC	1400	DC 23-27V	35	3000 [3000K] 3200 [4000K] 3300 [6000K]	86 [3000K] 91 [4000K] 94 [6000K]	W595 x L595 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11017 / LA11048	3723
NEW F31500RC	1400	DC 29-33V	43	3800 [3000K] 4100 [4000K] 4300 [6000K]	88 [3000K] 95 [4000K] 100 [6000K]	W595 x L595 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11019 / LA11049	3723
NEW F53700RC*	1400	DC 29-33V	43	3800 [3000K] 4100 [4000K] 4300 [6000K]	88 [3000K] 95 [4000K] 100 [6000K]	W595 x L595 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11019 / LA11049	3723
NEW F31400RC-tw*	2 x 700	2 x DC24V	2 x 17	1800 [3000K] 3600 [4000K]* 1800 [6000K]	106	W600 x L600 x H10	2800K to 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11034	3723

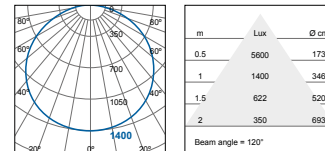
F31300RC



F31400RC



F31500RC / F53700RC



List of suggested driver

Model No	Nominal Voltage	Input Current(mA)	Dimmable	Panel Model No.
LA11015	100-240V	700	Yes	F31300RC
LA11017	100-240V	1400	Yes	F31400RC
LA11019	100-240V	1400	Yes	F31500RC and F53700RC
LA11034	220-240V	700	Yes (1-10V)	F31400RC-tw
LA11048	220-240V	1400	No	F31400RC and F31600RC
LA11049	220-240V	1400	No	F31500RC and F53700RC
LA11050	220-240V	700	No	F31300RC

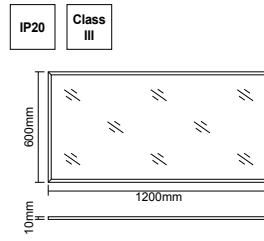
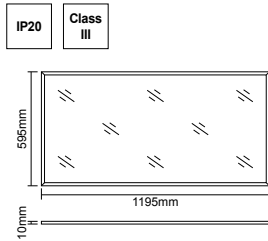
Integrated LED luminaire

* Preliminary data
* Colour temperature range from 2800K to 6000K is at minimum 1800lm and 17W. Maximum luminous flux at full power is 34W, 3600lm and 4000K listed.

MEGAMAN® BERTO

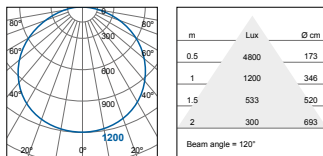
F31700RC / F31700RCv1 / F53800RC / F53800RCv1

F31700RC-tw

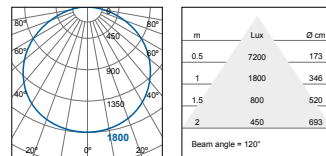


Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Materials	Suggested Driver	Weight (g)
NEW F31700RC	900	DC 33-40V	33	3300 [3000K] 3400 [4000K] 3600 [6000K]	100 [3000K] 103 [4000K] 109 [6000K]	W595 x L1195 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11020 / LA11051	8130
NEW F53800RC*	900	DC 33-40V	33	3300 [3000K] 3400 [4000K] 3600 [6000K]	100 [3000K] 103 [4000K] 109 [6000K]	W595 x L1195 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11020 / LA11051	8130
NEW F31700RCv1	1400	DC 33-40V	51	4500 [3000K] 4700 [4000K] 5000 [6000K]	88 [3000K] 92 [4000K] 98 [6000K]	W595 x L1195 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11021 / LA11022	8120
NEW F53800RCv1*	1400	DC 33-40V	51	4500 [3000K] 4700 [4000K] 5000 [6000K]	88 [3000K] 92 [4000K] 98 [6000K]	W595 x L1195 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11021 / LA11022	8120
NEW F31700RC-tw*	2 x 700	2 x DC24V	2 x 17	1800 [3000K] 3600 [4000K]* 1800 [6000K]	106	W600 x L1200 x H10	2800K to 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11034	8130

F31700RC / F53800RC



F31700RCv1 / F53800RCv1



List of suggested driver

Model No	Nominal Voltage	Input Current (mA)	Dimmable	Panel Model No.
LA11020	100-240V	900	Yes	F31700RC and F53800RC
LA11021	220-240V	1400	No	F31700RCv1 and F53800RCv1
LA11022	100-240V	1400	Yes	F31700RCv1 and F53800RCv1
LA11034	220-240V	700	Yes (1-10V)	F31700RC-tw
LA11051	220-240V	900	No	F31700RC and F53800RC

Integrated LED luminaire

* Preliminary data

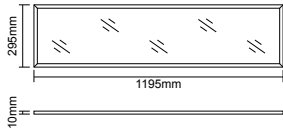
* Colour temperature range from 2800K to 6000K is at minimum 1800lm and 17W. Maximum luminous flux at full power is 34W, 3600lm and 4000K listed.

MEGAMAN® BERTO

F31600RC



IP20 Class III

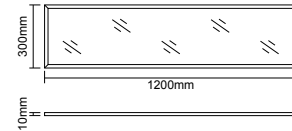


F31600RC-tw

Tunable White



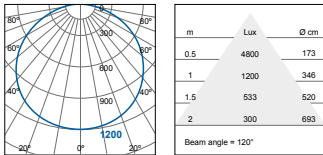
IP20 Class III



White (WH26) Silver (SV63)

Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Materials	Suggested Driver	Weight (g)
NEW F31600RC	1400	DC 23-27V	35	2800 [3000K] 3000 [4000K] 3100 [6000K]	80 [3000K] 86 [4000K] 89 [6000K]	W295 x L1195 x H10	3000K / 4000K / 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11017 / LA11048	3618
NEW F31600RC-tw*	2 x 700	2 x DC24V	2 x 17	1800 [3000K] 3600 [4000K]* 1800 [6000K]	106	W300 x L1200 x H10	2800K to 6000K [>Ra80]	50000	Aluminium frame and PMMA diffuser	LA11034	3618

F31600RC



List of suggested driver

Model No	Nominal Voltage	Input Current (mA)	Dimmable	Panel Model No.
LA11017	100-240V	1400	Yes	F31600RC
LA11034	220-240V	700	Yes (1-10V)	F31600RC-tw
LA11048	220-240V	1400	No	F31600RC

Accessories for MEGAMAN® BERTO LED Panel



LA10011
4-wire Suspension Kits



LA10012
6-wire Suspension Kits



LA10013
Surface Mounted Kits



LA10014
Surface Mounted Kits (With 6 hook kits)

Integrated LED luminaire

* Preliminary data
* Colour temperature range from 2800K to 6000K is at minimum 1800lm and 17W. Maximum luminous flux at full power is 34W, 3600lm and 4000K listed.



INDOOR LIGHTING/ Track Lighting



MEGAMAN®
MODENA
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MEGAMAN®
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MEGAMAN®
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MEGAMAN®
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MEGAMAN®
ESTA
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MEGAMAN®
LOFT
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MEGAMAN®
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MEGAMAN®
REFLEXO
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MEGAMAN®
CONXENTO
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MEGAMAN® MODENA



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 $\pm 90^\circ$ 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

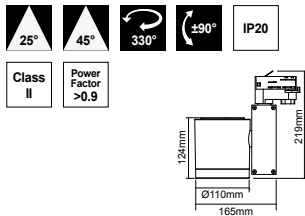
- Delivers powerful lighting performance of up to 89lm/W with only 27W power consumption – a perfect metal halide replacement
- Different beam angle options available for various applications
- Adjustable arm for multi-directional lighting: 330° horizontal rotation and $\pm 90^\circ$ vertical tilting 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
- Dimming option is available
- High CRI version: Ra94 available

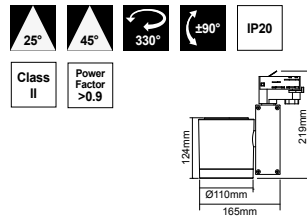
Applications

- Shop lighting
- Restaurants
- Hotels
- Museums
- Showrooms

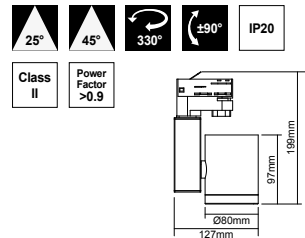
F25349TK



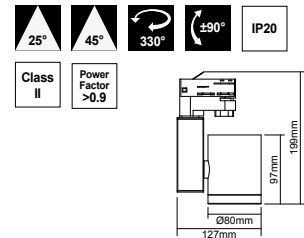
F25349TK-p



F28049TK

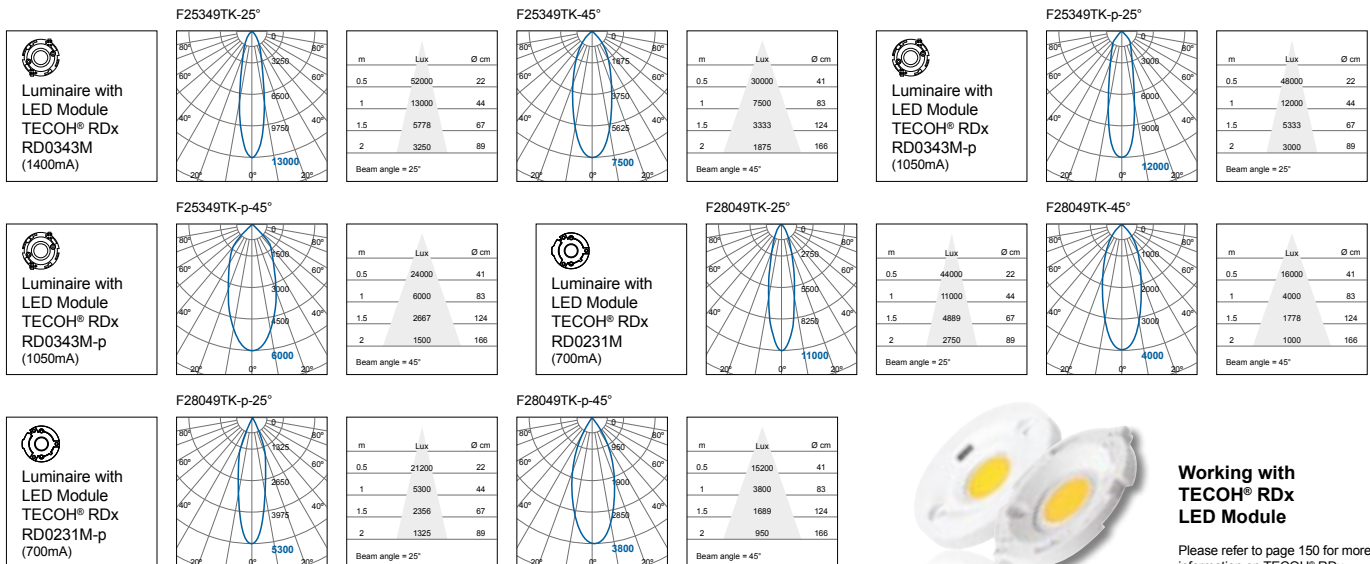


F28049TK-p



White (WH25) (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	Weight (g)
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 [#]	TECOH® RDx RD0343M with input current 1400mA	Aluminium	1908
NEW F25349TK-p*	220-240	53	3100 [3000K]	58 [3000K]	Ø110 x L165 x H219	12000 [25°] 6000 [45°]	3000K [Ra82]	50000	Dimmable [#]	TECOH® RDx RD0343M-p with input current 1050mA	Aluminium	1829
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 [#]	TECOH® RDx RD0231M with input current 700mA	Aluminium	937
NEW F28049TK-p*	220-240	29	1650 [3000K]	57 [3000K]	Ø80 x L127 x H199	5300 [25°] 3800 [45°]	3000K [Ra82]	50000	Dimmable [#]	TECOH® RDx RD0231M-p with input current 700mA	Aluminium	956



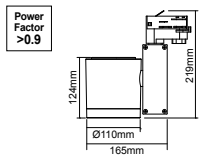
Working with TECOH® RDx LED Module

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

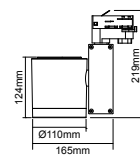
* Preliminary data
 # Capable of linear dimming when working with DALI, DSI or 1-10V dimming driver, and the dimming performance depends on the specification of driver. Please contact us for details.

MEGAMAN® MODENA

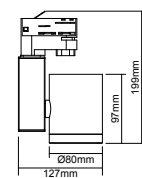
F25343TK



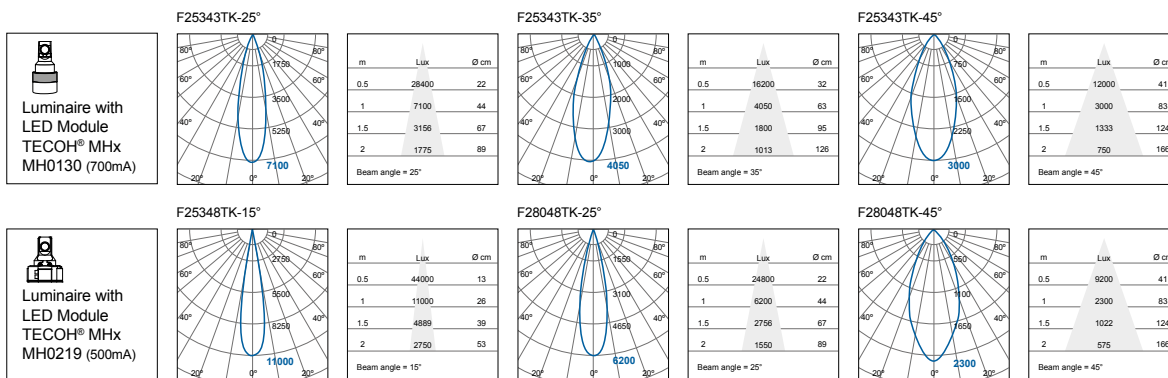
F25348TK



F28048TK



Model No.	Wattage (W)	Dimension (mm)	Light Source	Materials	Weight (g)
F25343TK	28	Ø110 x L165 x H219	TECOH® Mhx MH0130 with input current 700mA	Aluminium	1552
F25348TK	19	Ø110 x L165 x H219	TECOH® Mhx MH0219 with input current 500mA	Aluminium	1620
F28048TK	19	Ø80 x L127 x H199	TECOH® Mhx MH0219 with input current 500mA	Aluminium	937



Specification of MEGAMAN® LED module TECOH® Mhx

Model No.	Input Current (mA)	Nominal Voltage (V)	Wattage (W)	Luminous Flux at Ta 25°C (lm)	Luminous Efficacy at Ta 25°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%*	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%*	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

* Capable of linear dimming from 100% to 1% when used with a DC1-10V dimming driver and DC1-10V dimmer



MEGAMAN® ALDA



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° titling angle.

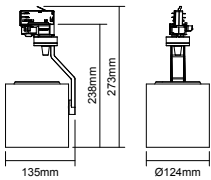
Features

- 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
-

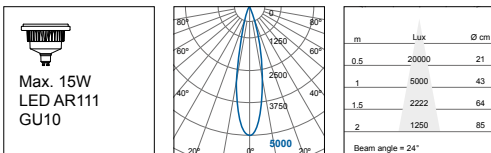
Applications

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

F26817TK



Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
F26817TK	15	Ø124 x L135 x H273	LED AR111	GU10	Aluminium	540



Please refer to page 151 for more light source information

MEGAMAN® TOBY



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.

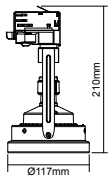
Features

- 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

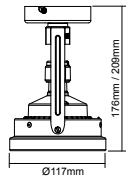
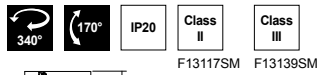
Applications

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

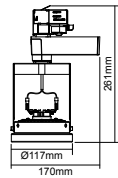
F13117TK



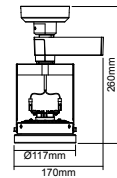
F13117SM / F13139SM



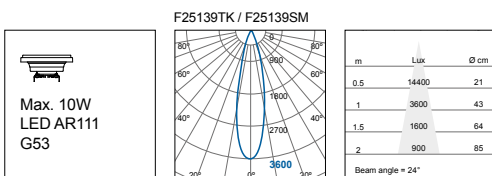
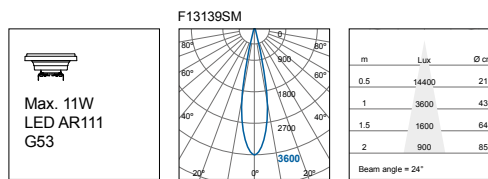
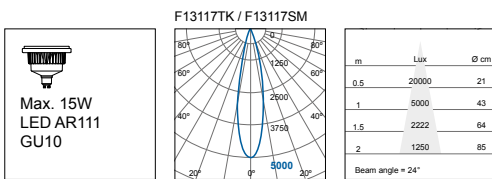
F25139TK



F25139SM



Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
F13117TK	15	Ø117 x H210	LED AR111	GU10	Steel	237
F13117SM	15	Ø117 x H176	LED AR111	GU10	Steel	310
F13139SM	11	Ø117 x H209	LED AR111	G53	Steel and Plastic	270
F25139TK	10	Ø117 x L170 x H261	LED AR111	G53	Steel and Plastic	277
F25139SM	10	Ø117 x L170 x H260	LED AR111	G53	Steel and Plastic	312



Please refer to page 151 for more light source information

MEGAMAN® CORRUNA



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

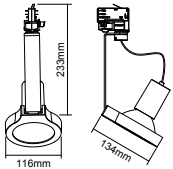
- Designed to replace conventional track lighting applications, MEGAMAN® CORRUNA works with LED PAR16, PAR30 and AR111 reflectors to offer up to 40,000 hours service lifetime
- Simple-structure and clean design that makes maintenance easier
- Open design at the back allows sufficient air flow for good 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

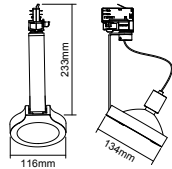
- Shops
- Department stores
- Boutiques
- Supermarkets
- Galleries
- Museums

MEGAMAN® CORRUNA

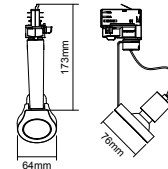
F30415TK



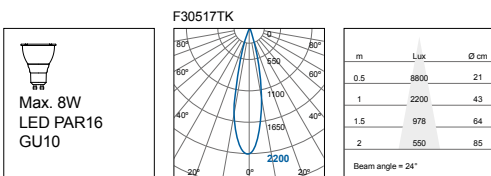
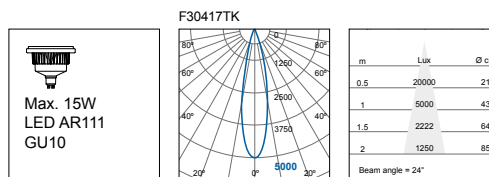
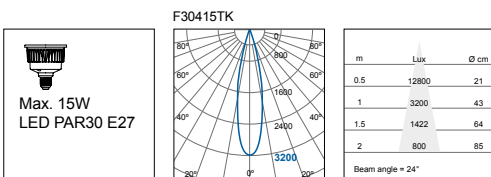
F30417TK



F30517TK



Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
F30415TK	15	W134 x L116 x H233	LED PAR30	E27	Die-cast Aluminium	498
F30417TK	15	W134 x L116 x H233	LED AR111	GU10	Die-cast Aluminium	420
F30517TK	8	W76 x L64 x H173	LED PAR16	GU10	Die-cast Aluminium	230



Please refer to page 151 for more light source information

MEGAMAN® ESTA



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.

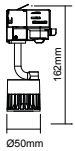
MEGAMAN® ESTA has an adjustable arm for multi-directional lighting with 330° horizontal rotation and 180° vertical tilting angle that can be easily adjusted to a desired angle after installation. It comes with various interchangeable decorative housing trims, which allows the user to customize the appearance 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 180° 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

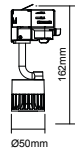
Applications

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

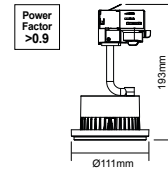
F27800TK



F27800TKv1

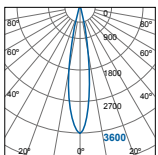


F27900TK



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)	Materials	Weight (g)
F27800TK	220-240	8	550	69	Ø50 x H162	3600 [24°] 2000 [36°]	2800K [Ra82] 4000K [Ra85]	25000	Aluminium housing with diffuser	136
NEW F27800TKv1 High Output	220-240	8	700	88	Ø50 x H162	4000 [24°] 2200 [36°]	2800K [Ra82] 4000K [Ra85]	25000	Aluminium housing with diffuser	136
F27900TK	220-240	15	950	63	Ø111 x H193	20000 [8°] 5000 [24°] 2000 [45°]	2800K [Ra82] 4000K [Ra85]	40000	Aluminium housing with diffuser	353

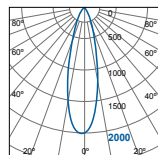
F27800TK-24°



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

Beam angle = 24°

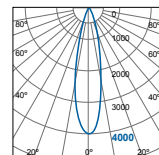
F27800TK-36°



m	Lux	Ø cm
0.5	8000	32
1	2000	65
1.5	889	97
2	500	130

Beam angle = 36°

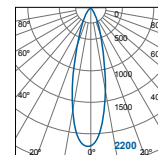
F27800TKv1-24°



m	Lux	Ø cm
0.5	16000	21
1	4000	43
1.5	1778	64
2	1000	85

Beam angle = 24°

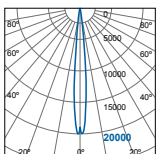
F27800TKv1-36°



m	Lux	Ø cm
0.5	8800	32
1	2200	65
1.5	978	97
2	550	130

Beam angle = 36°

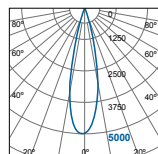
F27900TK-8°



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

Beam angle = 8°

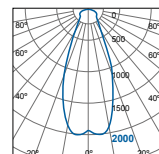
F27900TK-24°



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

Beam angle = 24°

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

50W
Halogen MR16
Replacement



LA10010
Can Cover

75W
Halogen AR111
Replacement



LA10009
Oval Cover



LA10008
Gold Colour Cover
(GD41)



LA10008
White Colour Cover
(WH12)

MEGAMAN® LOFT



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.

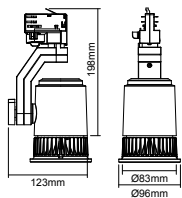
Features

- 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

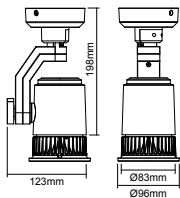
Applications

- Shops
- Galleries
- Museums
- Wall lighting

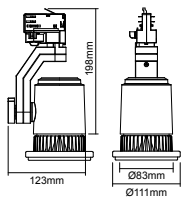
F12601TK



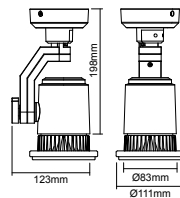
F12601SM



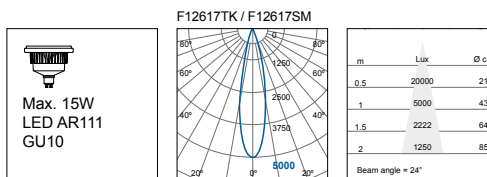
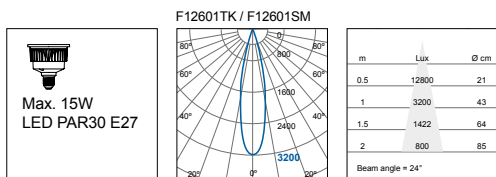
F12617TK



F12617SM



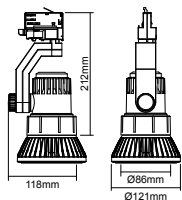
Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
F12601TK	15	Ø83 x L123 x H198	LED PAR30	E27	Polypropylene compound	169
F12601SM	15	Ø83 x L123 x H198	LED PAR30	E27	Polypropylene compound	200
F12617TK	15	Ø83 x L123 x H198	LED AR111	GU10	Polypropylene compound	182
F12617SM	15	Ø83 x L123 x H198	LED AR111	GU10	Polypropylene compound	212



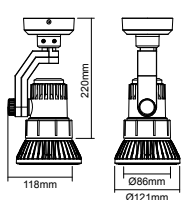
Please refer to page 151 for more light source information

MEGAMAN® LOFT

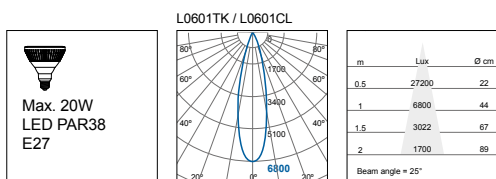
L0601TK



L0601CL



Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
L0601TK	20	Ø86 x L118 x H212	LED PAR38	E27	Polypropylene compound	205
L0601CL	20	Ø86 x L118 x H220	LED PAR38	E27	Polypropylene compound	235



Please refer to page 151 for more light source information



MEGAMAN® MOSAIC



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

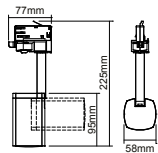
- Flexible multi-directional lighting: adjustable 330° rotation and 90° tilt angle, Ideal for use in galleries, restaurants, showrooms, hotels, retail outlets, reception areas, etc.
 - Offers visual comfort with minimal glare
 - Adjustable lamp holder for easy installation
 - Offers two installation 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

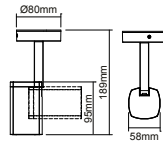
- Galleries
- Restaurants
- Showrooms
- Hotels
- Retail outlets
- Reception areas

MEGAMAN® MOSAIC

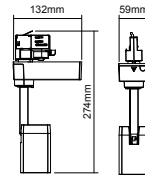
F11517TK



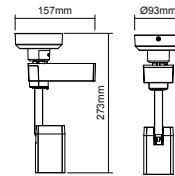
F11517SM



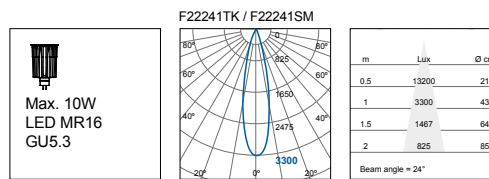
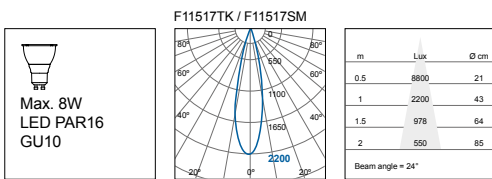
F22241TK



F22241SM



Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
F11517TK	8	W58 x L77 x H225	LED PAR16	GU10	Polycarbonate	161
F11517SM	8	W58 x Ø80 x H189	LED PAR16	GU10	Polycarbonate	145
F22241TK	10	W59 x L132 x H274	LED MR16	GU5.3	Polycarbonate	325
F22241SM	10	Ø93 x L157 x H273	LED MR16	GU5.3	Polycarbonate	360



Please refer to page 151 for more light source information

MEGAMAN® REFLEXO



MEGAMAN® REFLEXO works perfectly with LED PAR16 and MR16 reflectors to deliver excellent light output and a service lifetime of up to 25,000 hours – an ideal replacement for halogen lamps. It is designed with adjustable 350° rotation and 110° tilt angles allowing for multidirectional lighting. It offers visual comfort with low glare, and can be installed in track or surface mounted.

Features

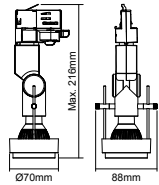
- Ideal to replace halogen in multidirectional applications, MEGAMAN® REFLEXO works perfectly with LED PAR16 and MR16 reflectors
 - Flexible multidirectional lighting with adjustable 350° rotation and 110° tilt angles
 - Offers visual comfort without glare
 - Offers two installation methods: track and surface mounted
 - Track version has 3 circuit track adaptor as standard compatible with most 3 circuit systems
 - Asian track adaptor version available
-

Applications

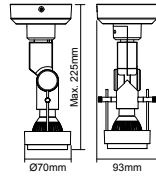
- Shops
- Art galleries
- Museums
- Residential applications

MEGAMAN® REFLEJO

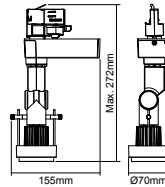
F21017TK



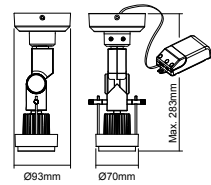
F21017SM



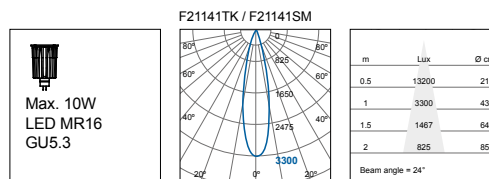
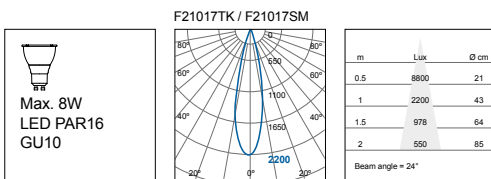
F21141TK



F21141SM



Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
F21017TK	8	Ø70 x L88 x H216 (max.)	LED PAR16	GU10	Polycarbonate	140
F21017SM	8	Ø70 x L93 x H225 (max.)	LED PAR16	GU10	Polycarbonate	163
F21141TK	10	Ø70 x L155 x H272 (max.)	LED MR16	GU5.3	Polycarbonate	191
F21141SM	10	Ø70 x L93 x H283 (max.)	LED MR16	GU5.3	Polycarbonate	315



Please refer to page 151 for more light source information

MEGAMAN® CONXENTO



MEGAMAN® CONXENTO is designed to use LED GX53, with its excellent light output and up to 30,000 hours lifetime which perfectly replaces halogen track lights. With the flexibility of the adjustable arm, MEGAMAN® CONXENTO is suitable for multi-directional lighting.

Features

- Designed for LED GX53 reflectors to offer up to 30,000 hours lifetime and replace halogen track lights
- Adjustable arm for multi-directional lighting
- Offers visual comfort with minimal glare
- Family of luminaires with recessed, track and surface mounted options*
- Track version has 3 circuit track adaptor as standard compatible with most 3 circuit systems
- Asian track adaptor version available

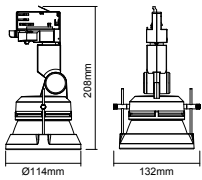
* Please refer page 23 for recessed version and page 65 for surface mounted version

Applications

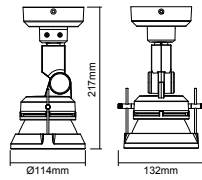
- Shops
- Department stores
- Boutiques
- Supermarkets
- Galleries
- Museums

MEGAMAN® CONXENTO

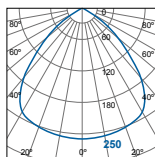
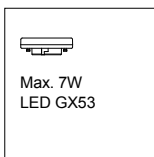
L0505TK



L0505CL



Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
L0505TK	7	Ø114 x L132 x H208	LED GX53	GX53	Polycarbonate	235
L0505CL	7	Ø114 x L132 x H217	LED GX53	GX53	Polycarbonate	265



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

Beam angle = 90°

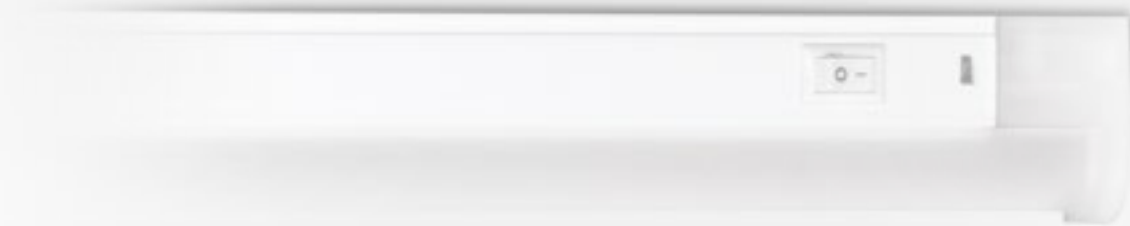


INDOOR LIGHTING/ Batten



MEGAMAN®
PINO
101

MEGAMAN® PINO



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

Applications

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

MEGAMAN® PINO

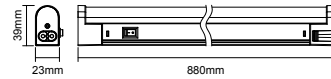
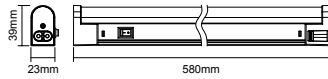
F29000SM

F29100SM



IP20 Class II

IP20 Class II



White (WH13)

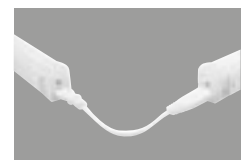
Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Materials	Weight (g)
NEW F29000SM	220-240	11	1000 [3000K] 1100 [4000K]	91 [3000K] 100 [4000K]	L580 x W23 x H39	3000K / 4000K [>Ra80]	25000	Polycarbonate	153
NEW F29100SM	220-240	17	1600 [3000K] 1700 [4000K]	94 [3000K] 100 [4000K]	L880 x W23 x H39	3000K / 4000K [>Ra80]	25000	Polycarbonate	226



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

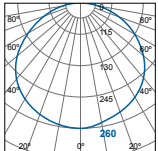


Extendable built-in socket



150mm patch cord to cater angular connection

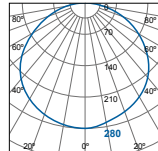
F29000SM-3000K



m	Lux	Ø cm
0.5	1040	173
1	260	346
1.5	116	520
2	65	693

Beam angle = 120°

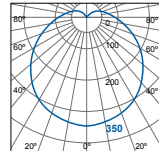
F29000SM-4000K



m	Lux	Ø cm
0.5	1120	173
1	280	346
1.5	124	520
2	70	693

Beam angle = 120°

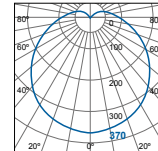
F29100SM-3000K



m	Lux	Ø cm
0.5	1400	173
1	350	346
1.5	156	520
2	88	693

Beam angle = 120°

F29100SM-4000K



m	Lux	Ø cm
0.5	1480	173
1	370	346
1.5	164	520
2	93	693

Beam angle = 120°

Accessory



LA8002 Power Cord



LA8003 150mm Patch Cord



LA8004 Angle Joint



LA8005 Mounting Clips
(Comes with the MEGAMAN® PINO)

i Integrated LED luminaire



INDOOR LIGHTING/ Bulkhead



MEGAMAN®
RENZO
105

MEGAMAN® RENZO



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

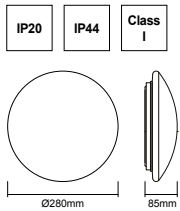
- Energy efficient replacement for interior CFL luminaires
- A wide range of lumen packages for a perfect alternative to traditional wall and ceiling mounted luminaires (replacing CFL from 1x18W up to 2x26W)
- IP44 version available for high moisture locations
- The built-in microwave motion sensor option uses low power microwave signals which are reflected by moving person, perfect for stairwell and walkway application
- Suitable for surface mounting on solid walls or ceilings
- Unobtrusive and understated design style for all situations
- Opal PMMA diffuser for an evenly distributed light effect and visual comfort

Applications

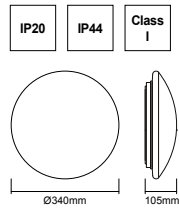
- Hotels
- Bathrooms
- Kitchens
- Corridors
- Residential applications

MEGAMAN® RENZO

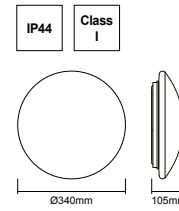
F50500SM / F50500SM+IP44



F50600SM / F50600SM+IP44



F50600SM-r+IP44

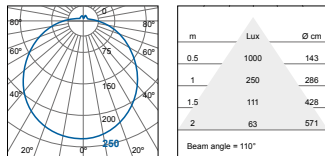


White (WH26)

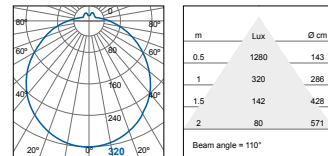
Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	IP Rating	Colour Temp. [CRI]	Rated Life (hrs)	Housing Materials	Diffuser Materials	Weight (g)
NEW F50500SM	220-240	10.5	800	76	Ø280 x H85	IP20	3000K / 4000K [>Ra80]	25000	Steel	PMMA	374
NEW F50500SM+IP44	220-240	10.5	800	76	Ø280 x H85	IP44	3000K / 4000K [>Ra80]	25000	Steel	PMMA	400
NEW F50600SM	220-240	14.5	1100	76	Ø340 x H105	IP20	3000K / 4000K [>Ra80]	25000	Steel	PMMA	560
NEW F50600SM+IP44	220-240	14.5	1100	76	Ø340 x H105	IP44	3000K / 4000K [>Ra80]	25000	Steel	PMMA	604
NEW F50600SM-r+IP44	220-240	15.5	1100	71	Ø340 x H105	IP44	3000K / 4000K [>Ra80]	25000	Steel	PMMA	652

With microwave motion sensor

F50500SM / F50500SM+IP44

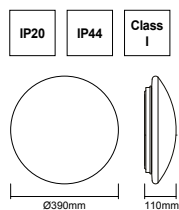


F50600SM / F50600SM+IP44 / F50600SM-r+IP44

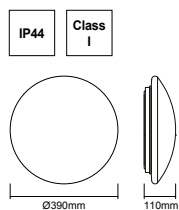


MEGAMAN® RENZO

F50700SM / F50700SM+IP44



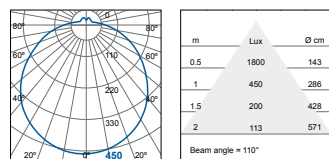
F50700SM-r+IP44



White (WH26)

Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	IP Rating	Colour Temp. [CRI]	Rated Life (hrs)	Housing Materials	Diffuser Materials	Weight (g)
NEW F50700SM	220-240	18.5	1400	76	Ø390 x H110	IP20	3000K / 4000K [>Ra80]	25000	Steel	PMMA	700
NEW F50700SM+IP44	220-240	18.5	1400	76	Ø390 x H110	IP44	3000K / 4000K [>Ra80]	25000	Steel	PMMA	740
NEW F50700SM-r+IP44	220-240	19.5	1400	72	Ø390 x H110	IP44	3000K / 4000K [>Ra80]	25000	Steel	PMMA	788

With microwave motion sensor





5 FT

4 FT

4 FT





INDOOR LIGHTING/ Floodlight



MEGAMAN®
KARA
111

MEGAMAN® KARA



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 tilting head that allows the user to adjust the desired angle easily.

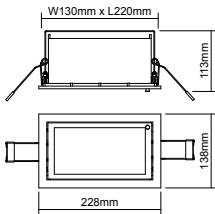
Features

- Fully adjustable tilting 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

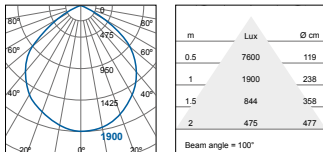
F51700RC / F51800RC



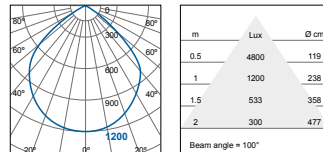
White (WH26)

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	Weight (g)
NEW F51700RC*	1400	DC28-33V	43	4100 [3000K] 4500 [4000K]	95 [3000K] 105 [4000K]	W138 x L228 x H113	W130 x L220	1900 [100°]	3000K / 4000K [Ra80]	25000	Dimmable [#]	Aluminium	LD0448x1-C1400	1480
NEW F51800RC*	700	DC34-39V	26	2200 [3000K] 2400 [4000K]	85 [3000K] 92 [4000K]	W138 x L228 x H113	W130 x L220	1200 [100°]	3000K / 4000K [Ra80]	25000	Dimmable [#]	Aluminium	LD0425x1-C700	1185

F51700RC



F51800RC



i Integrated LED luminaire

* Preliminary data
[#] Capable of linear dimming when applying DALI, DSI or 1-10V dimming driver with 3-circuit dimmable adaptor, please contact us for details
[^] The wattage declared is the wattage of the luminaire without driver, the system wattage will be dependent on driver choice.



INDOOR LIGHTING/ Suspended



MEGAMAN®
LUSTER-LED
115



MEGAMAN®
ARTCO PAR
119

MEGAMAN® LUSTER-LED



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

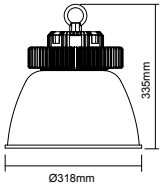
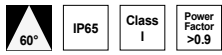
- High-ceilings
- Halls
- Warehouses
- Manufacturing bays
- Trade fairs
- Exhibitions

MEGAMAN® LUSTER-LED

F52000SU



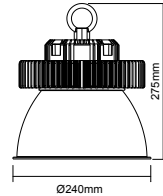
NEW



F53200SU



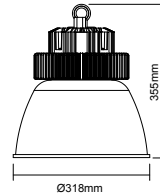
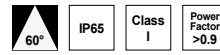
NEW



F52100SU



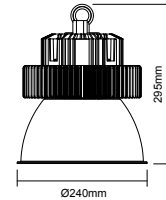
NEW



F52400SU



NEW



Silver (SV26)

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)	Materials	Weight (g)
NEW F52000SU*	220-240	65	7200	111	Ø318 x H335	8500 [60°]	4000K [>Ra80]	50000	Aluminium housing and plastic reflector	TBA
NEW F53200SU*	220-240	65	7200	111	Ø240 x H275	6200 [60°] 4500 [90°]	4000K [>Ra80]	50000	Aluminium housing and reflector	TBA
NEW F52100SU*	220-240	110	11000	100	Ø318 x H355	12000 [60°]	4000K [>Ra80]	50000	Aluminium housing and plastic reflector	TBA
NEW F52400SU*	220-240	110	11000	100	Ø240 x H295	9500 [60°] 6500 [90°]	4000K [>Ra80]	50000	Aluminium housing and reflector	TBA

i Integrated LED luminaire

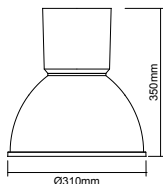
* Preliminary data

MEGAMAN® LUSTER-LED

F11301SU

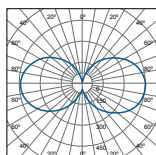


IP20 Class II



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

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
F11301SU	35	Ø310 x H350	LED CLUSTERLITE®	E27	Polycarbonate	1100



Please refer to page 151 for more light source information



MEGAMAN® ARTCO PAR



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 30,000 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

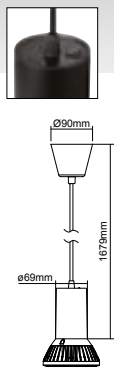
- Dining rooms
- Kitchens
- Market stalls
- Pantries

MEGAMAN® ARTCO PAR

F10314PD



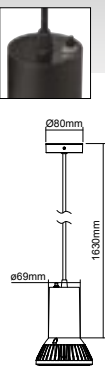
IP20 Class II



F10314PD+IP44



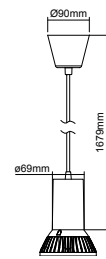
IP44 Class II



F11914PD



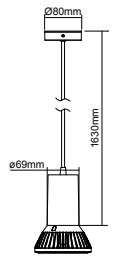
IP20 Class II



F11914PD+IP44

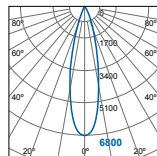
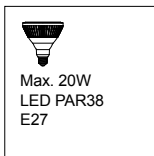


IP44 Class II



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

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
F10314PD	20	Ø90 x H1679	LED PAR38	E27	Polypropylene compound	185
F10314PD+IP44	20	Ø80 x H1630	LED PAR38	E27	Polypropylene compound	220
F11914PD	20	Ø90 x H1679	LED PAR38	E27	Polypropylene compound	180
F11914PD+IP44	20	Ø80 x H1630	LED PAR38	E27	Polypropylene compound	215



m	Lux	Ø cm
0.5	27200	22
1	6800	44
1.5	3022	67
2	1700	89

Beam angle = 25°

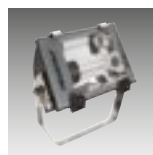
Please refer to page 151 for more light source information



OUTDOOR LIGHTING/ Floodlight



MEGAMAN®
TOTT
123



MEGAMAN®
KEPPA
127



MEGAMAN®
CORTONA
129



MEGAMAN®
ADVANT
131

MEGAMAN® TOTT



MEGAMAN® TOTT works perfectly with the double-ended LED R7s to replace halogen outdoor floodlights while offering up to 25,000 hours lamp life, MEGAMAN® TOTT is also available as an integrated LED with built-in driver, and in different sizes for high lumen output applications. MEGAMAN® TOTT is made of durable aluminium material but has a compact profile and is extra light in weight; it offers powerful and uniform floodlight illumination.

Designed for outdoor directional floodlighting, MEGAMAN® TOTT has rust-free finish and up to IP65 protection, with a flexible tilt angle.

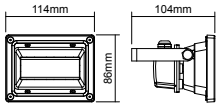
Features

- Working with double-ended LED R7s, MEGAMAN® TOTT is a halogen replacement that offers up to 25,000 hours lamp life
- LED chip-on-board with integrated driver version available for high lumen output applications
- Up to IP65 protection, perfect for outdoor use
- Flexible tilt angle for directional floodlighting
- Offers powerful and uniform floodlight illumination in compact profile
- Different sizes (small, medium, and large) for different applications
- PIR sensor version available for energy savings
- Made with extra light weight and durable aluminium material
- Rust-free finish

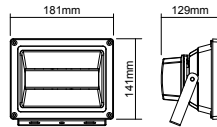
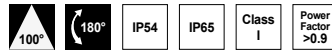
Applications

- Signages
- Billboards
- Gate areas
- Pillar facades

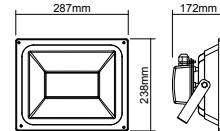
F25500SM+IP54 / F25500SM+IP65



F25400SM+IP54 / F25400SM+IP65

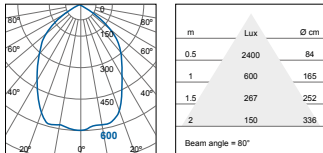


F25600SM+IP54 / F25600SM+IP65

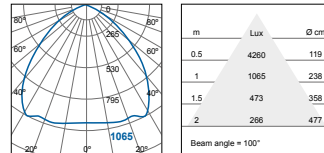


Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Max. Luminous Intensity (cd) [Beam Angle]	IP Rating	Colour Temp. [CRI]	Rated Life (hrs)	Materials	Weight (g)
F25500SM+IP54	220-240	12	900	75	W86 x L114 x H104	600 [80°]	IP54	3000K / 4000K [Ra80]	25000	Aluminium	370
F25500SM+IP65	220-240	12	900	75	W86 x L114 x H104	600 [80°]	IP65	3000K / 4000K [Ra80]	25000	Aluminium	551
F25400SM+IP54	220-240	33	2300	70	W141 x L181 x H129	1065 [100°]	IP54	3000K / 4000K [Ra80]	25000	Aluminium	1049
F25400SM+IP65	220-240	33	2300	70	W141 x L181 x H129	1065 [100°]	IP65	3000K / 4000K [Ra80]	25000	Aluminium	1210
F25600SM+IP54	220-240	60	4200	70	W238 x L287 x H172	2000 [100°]	IP54	3000K / 4000K [Ra80]	25000	Aluminium	2728
F25600SM+IP65	220-240	60	4200	70	W238 x L287 x H172	2000 [100°]	IP65	3000K / 4000K [Ra80]	25000	Aluminium	2909

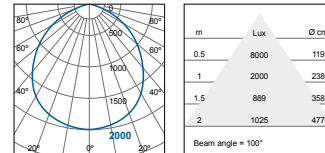
F25500SM+IP54 / F25500SM+IP65



F25400SM+IP54 / F25400SM+IP65



F25600SM+IP54 / F25600SM+IP65

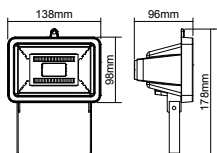
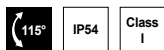


MEGAMAN® TOTT

F25546SM



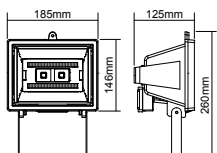
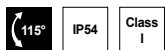
TOTT S



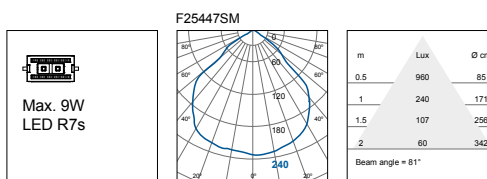
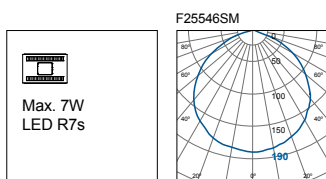
F25447SM



TOTT M



Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
F25546SM	7	W96 x L138 x H178	LED R7s	R7s	Aluminium Alloy	505
F25447SM	9	W125 x L185 x H260	LED R7s	R7s	Aluminium Alloy	990





MEGAMAN® KEPPA



MEGAMAN® KEPPA works perfectly with LED CLUSTERLITE® with up to 25,000 hours lifetime to replace conventional floodlights. The flexible 330° tilt angle of MEGAMAN® KEPPA is ideal for directional floodlighting.

With rust-free finishing and IP65 protection, MEGAMAN® KEPPA is resistant to dust and water (to IP65) which is perfect for outdoor applications, such as signage, billboards, gate areas and facades.

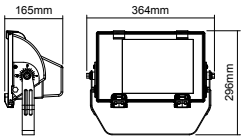
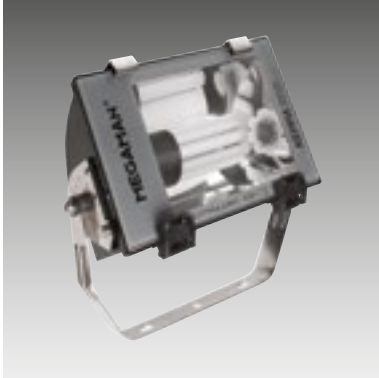
Features

- Works perfectly with LED CLUSTERLITE® with up to 25,000 hours lifetime to replace conventional high lumen output floodlights
- With IP65 protection, perfect for outdoor application
- Superb lighting output and high luminous efficacy with LED supplied
- Flexible tilt angle of 330° for directional floodlighting
- Made with light-weight and durable polycarbonate material
- Rust-free finishing

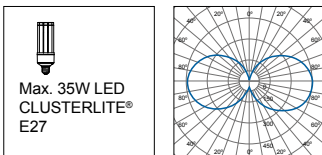
Applications

- Signages
- Billboards
- Gate areas
- Pillar facades

F00601SM



Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
F00601SM	35	W165 x L364 x H296	LED CLUSTERLITE®	E27	Polycarbonate	2676



Please refer to page 151 for more light source information

MEGAMAN® CORTONA



MEGAMAN® CORTONA is an energy saving floodlight using the TECOH® CFx LED light engine which offers up to 35,000 hours lifetime. The socketable design with no external driver facilitates easy installation and maintenance.

MEGAMAN® CORTONA offers IP54 protection against dust and water, suitable for outdoor applications such as signage, gate areas or facades

Features

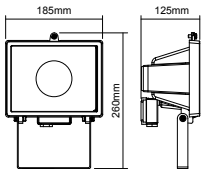
- Energy saving floodlight with TECOH® CFx LED light engine which offers up to 35,000 hours lifetime – an ideal replacement for halogen or metal halide floodlights
- No external driver and socketable design – facilitates easy installation and maintenance
- With IP54 protection for outdoor use
- 100% to 10% linear dimming feature is available
- Class I Protection

Applications

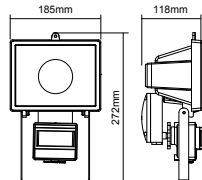
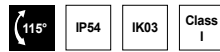
- Signages
- Gate areas
- Pillar facades

MEGAMAN® CORTONA

F25445SM



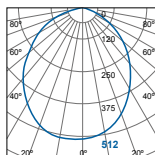
F25845SM



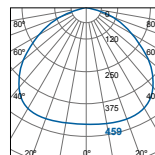
Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
F25445SM	30	W125 x L185 x H260	TECOH® CFx	PHJ65d-2	Aluminium	1040
F25845SM	30	W118 x L185 x H272	TECOH® CFx	PHJ65d-2	Aluminium	1357

With PIR sensor

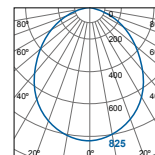
Luminaire with LED Light Engine TECOH® CFx Max. 15W



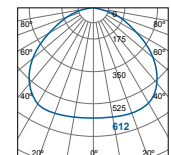
Luminaire with LED Light Engine TECOH® CFx Max. 20W



Luminaire with LED Light Engine TECOH® CFx Max. 26W



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



Specification of MEGAMAN® LED light engine TECOH® CFx

Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Colour Temp. [CRI]	Life Time at L70 B10 and Tc 65°C (hrs)	Dimmable	Energy Label
CF0112	220-240	15	1200	80	2800K/ 4000K [Ra80]	25000	No	A+
CF0120	220-240	26	2000	77	2800K/ 4000K [Ra80]	25000	No	A
CF0112d	220-240	20	1100 [3000K] 1200 [4000K]	55 [3000K] 60 [4000K]	2800K [Ra82] 4000K [Ra85]	25000	100-10%	A
CF0120d	220-240	30	1800 [3000K] 2000 [4000K]	60 [3000K] 67 [4000K]	2800K [Ra82] 4000K [Ra85]	25000	100-10%	A



Working with TECOH® CFx LED Light Engine

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

MEGAMAN® ADVANT



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

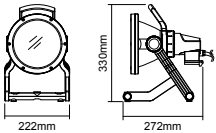
F27000PL



Built-in Socket



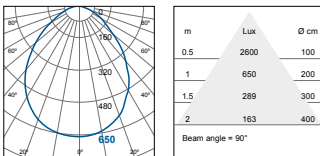
- 66°
- IP66
- IK03
- Class II
- Power Factor >0.9



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

Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Materials	Weight (g)
F27000PL	220-240	19	1350	71	W272 x L222 x H330	3000K / 4000K [Ra80]	25000	Polypropylene compound	1253

F27000PL





OUTDOOR LIGHTING/ Waterproof Batten



MEGAMAN®
DINO
135

MEGAMAN® DINO



Designed with a tough polycarbonate body and prismatic diffuser, MEGAMAN® DINO has IP66 protection against water and dust and IK08 for vandal resistance – an ideal alternative to T5 and T8 waterproof battens for outdoor and indoor applications. MEGAMAN® DINO is designed to be simple in installation, easy to clean and maintain. It is through wired so that it is perfect for use in car parks, warehouses, workshops, underground areas and more industrial applications.

A passive infrared (PIR) sensor option is available. MEGAMAN® DINO with PIR sensor has the ability of sensing the movement of the human body that can be used for security in car parks and some underground areas in power saving mode.

Features

- Alternative to T5 and T8 waterproof battens in outdoor and indoor applications
- IP66 protection against water and dust, suitable for use in all weathers
- IK08 rated for vandal resistance
- Tough polycarbonate body and prismatic diffuser
- UV resistant and corrosion proof
- Simple installation without the use of tools
- Easy to clean and maintain
- Perfect for use in car parks, warehouses, workshops, underground areas
- PIR option to dim down to 10% for further energy saving
- Through wired with 1.5mm² 3 core cable for linear series connection. Connect up to
 - 5 units for F50300SM and F50400SM
 - 9 units for F50100SM and F50200SM
 - 10 units for F50300SMv1
 - 16 units for F50100SMv1
 - 21 units for F50000SM

Applications

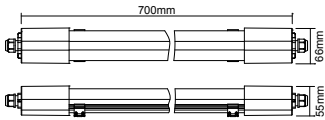
- Car parks
- Warehouses
- Workshops
- Underground areas

MEGAMAN® DINO

F50000SM



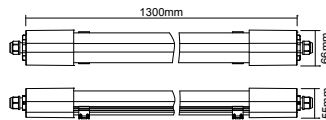
IP66 IK08 Class II Power Factor >0.9



F50100SM / F50100SMv1



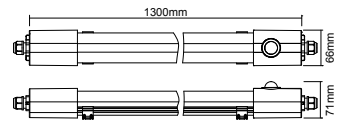
IP66 IK08 Class II Power Factor >0.9



F50200SM



IP66 IK08 Class II Power Factor >0.9

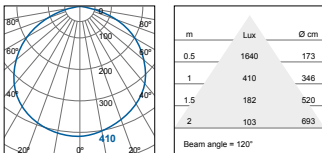


Silver (SV16)

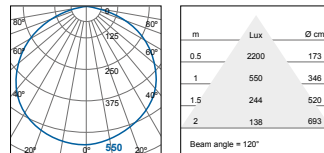
Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Materials	Weight (g)
NEW F50000SM	220-240	19.5	1750 [3000K] 1800 [4000K]	90 [3000K] 92 [4000K]	L700 x W66 x H55	3000K / 4000K [>Ra80]	50000	Polycarbonate	663
NEW F50100SMv1	220-240	22.5	2250 [3000K] 2350 [4000K]	100 [3000K] 104 [4000K]	L1300 x W66 x H55	3000K / 4000K [>Ra80]	50000	Polycarbonate	1079
NEW F50100SM High Output	220-240	41.5	4150 [3000K] 4300 [4000K]	100 [3000K] 104 [4000K]	L1300 x W66 x H55	3000K / 4000K [>Ra80]	50000	Polycarbonate	1103
NEW F50200SM	220-240	41.5	4150 [3000K] 4300 [4000K]	100 [3000K] 104 [4000K]	L1300 x W66 x H71	3000K / 4000K [>Ra80]	50000	Polycarbonate	1116

With PIR sensor

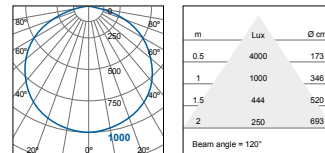
F50000SM



F50100SMv1



F50100SM / F50200SM



Accessory



LA8012
Security Clip

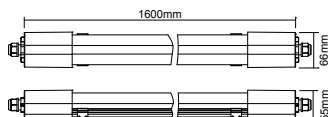
Integrated LED luminaire

MEGAMAN® DINO

F50300SM / F50300SMv1



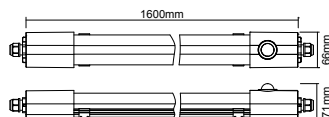
IP66 IK08 Class II Power Factor >0.9



F50400SM



IP66 IK08 Class II Power Factor >0.9

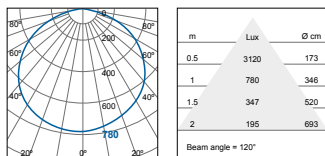


Silver (SV16)

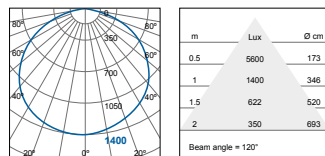
Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Materials	Weight (g)
NEW F50300SMv1	220-240	35	3500 [3000K] 3600 [4000K]	100 [3000K] 103 [4000K]	L1600 x W66 x H55	3000K / 4000K [>Ra80]	50000	Polycarbonate	1243
NEW F50300SM High Output	220-240	63	6300 [3000K] 6500 [4000K]	100 [3000K] 103 [4000K]	L1600 x W66 x H55	3000K / 4000K [>Ra80]	50000	Polycarbonate	1283
NEW F50400SM	220-240	63	6300 [3000K] 6500 [4000K]	100 [3000K] 103 [4000K]	L1600 x W66 x H71	3000K / 4000K [>Ra80]	50000	Polycarbonate	1296

With PIR sensor

F50300SMv1



F50300SM / F50400SM



Accessory



LA8012 Security Clip

Integrated LED luminaire





OUTDOOR LIGHTING/ Bulkhead



MEGAMAN®
FONDA
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MEGAMAN® FONDA



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

- More efficient replacement for CFL luminaires
- Available for wall or ceiling-mounting on solid surfaces
- IK10 for high vandal resistance
- IP66 protection from water and dust
- UV resistant
- Corrosion free tough polycarbonate enclosure
- Suitable for outdoor use in all weather conditions
- Oval and round options available
- Microwave motion sensor options also available

Applications

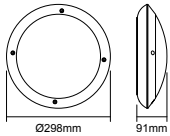
- Corridors
- Patios

MEGAMAN® FONDA

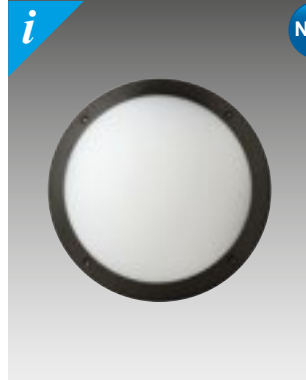
F51100SM



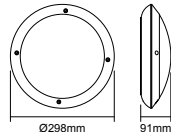
IP66 IK10 Class II Power Factor >0.9



F51100SM-r



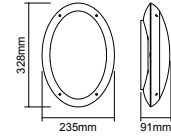
IP66 IK10 Class II



F51300SM



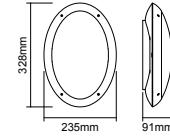
IP66 IK10 Class II Power Factor >0.9



F51300SM-r



IP66 IK10 Class II

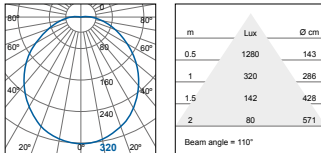


White (WH12) Silver (SV15 - F51100SM-r / F51300SM-r) (SV25 - F51100SM / F51300SM) Black (BK12)

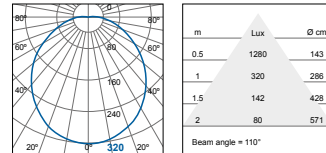
Model No.	Voltage (V)	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Housing Materials	Diffuser Materials	Weight (g)
F51100SM	220-240	10.5	800	76	Ø298 x H91	3000K / 4000K [>Ra80]	25000	Polycarbonate	Polycarbonate	745
F51100SM-r	220-240	11.5	800	70	Ø298 x H91	3000K / 4000K [>Ra80]	25000	Polycarbonate	Polycarbonate	770
F51300SM	220-240	10.5	800	76	W235 x L328 x H91	3000K / 4000K [>Ra80]	25000	Polycarbonate	Polycarbonate	728
F51300SM-r	220-240	11.5	800	70	W235 x L328 x H91	3000K / 4000K [>Ra80]	25000	Polycarbonate	Polycarbonate	716

With microwave motion sensor

F51100SM / F51100SM-r

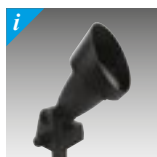


F51300SM / F51300SM-r





OUTDOOR LIGHTING/ Surface and Spike Mounted



MEGAMAN®
TEKA
145



MEGAMAN®
CAPPI
147

MEGAMAN® TEKA



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.

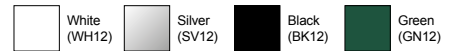
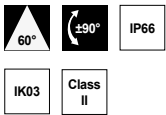
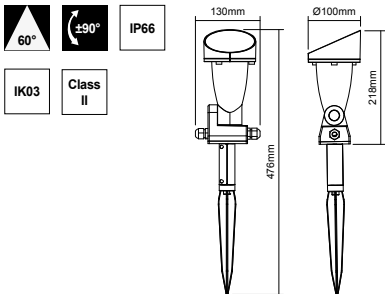
Features

- 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

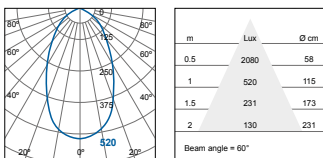
Applications

- Gardens
- Driveways
- Small lanes

F03500SP



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)	Materials	Weight (g)
F03500SP	220-240	10.5	700	67	W130 x Ø100 x H476	520 [60°]	3000K / 4000K [Ra80]	25000	Polypropylene compound	603



Complete set comes with



Luminaire



Glare Shield



Spike

Integrated LED luminaire

MEGAMAN® CAPPI



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

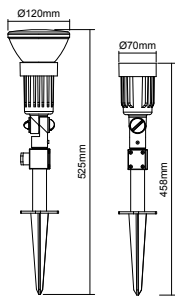
Applications

- Gardens
- Driveways
- Small lanes

F32114SP

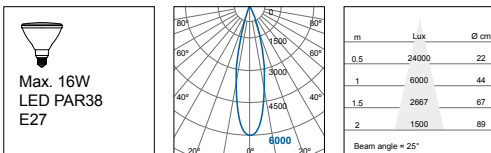


120° IP54 Class II



Black (BK12)

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials	Weight (g)
F32114SP	16	Ø70 x H458	LED PAR38	E27	Polypropylene compound	517



Please refer to page 151 for more light source information

MEGAMAN® TECOH® Series/ LED Modules and Light Engines



TECOH® LED Module and Light Engine



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

Specification of LED Light Source/

LED AR111	152	LED GX53	161
LED MR16	154	LED R7s	162
LED PAR16	157	LED CLUSTERLITE®	162
LED PAR30	160		
LED PAR30S	160		
LED PAR38	161		



Specification of LED Light Source



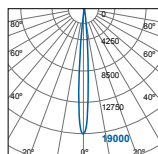
LED AR111 | AC12V | G53



ER2116d-100H08D



Wattage (W)	16
Max. Luminous Intensity (cd)	19000
Beam Angle (°)	8
Luminous Flux (lm)	1300



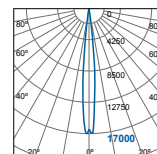
m	Lux	Ø cm
0.5	76000	7
1	19000	14
1.5	8444	21
2	4750	28

Beam angle = 8°

ER2115d-75H08D



Wattage (W)	15
Max. Luminous Intensity (cd)	17000
Beam Angle (°)	8
Luminous Flux (lm)	850



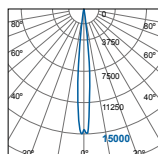
m	Lux	Ø cm
0.5	68000	7
1	17000	14
1.5	7556	21
2	4250	28

Beam angle = 8°

ER2111d-50H08D



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



m	Lux	Ø cm
0.5	60000	7
1	15000	14
1.5	6667	21
2	3750	28

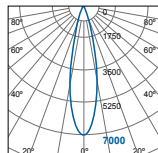
Beam angle = 8°



ER2016d-100H24D



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



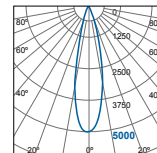
m	Lux	Ø cm
0.5	28000	21
1	7000	43
1.5	3111	64
2	1750	85

Beam angle = 24°

ER2712d-75H24D



Wattage (W)	12
Max. Luminous Intensity (cd)	5000
Beam Angle (°)	24
Luminous Flux (lm)	850



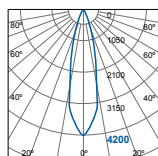
m	Lux	Ø cm
0.5	20000	21
1	5000	43
1.5	2222	64
2	1250	85

Beam angle = 24°

ER2712p-75H24D



Wattage (W)	12
Max. Luminous Intensity (cd)	4200
Beam Angle (°)	24
Luminous Flux (lm)	700



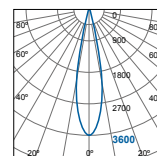
m	Lux	Ø cm
0.5	16800	21
1	4200	43
1.5	1867	64
2	1050	85

Beam angle = 24°

ER2711d-50H24D



Wattage (W)	11
Max. Luminous Intensity (cd)	3600
Beam Angle (°)	24
Luminous Flux (lm)	600



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

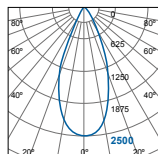
Beam angle = 24°



ER2216d-100H45D



Wattage (W)	16
Max. Luminous Intensity (cd)	2500
Beam Angle (°)	45
Luminous Flux (lm)	1300



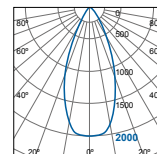
m	Lux	Ø cm
0.5	10000	41
1	2500	83
1.5	1111	124
2	625	166

Beam angle = 45°

ER2912d-75H45D



Wattage (W)	12
Max. Luminous Intensity (cd)	2000
Beam Angle (°)	45
Luminous Flux (lm)	750



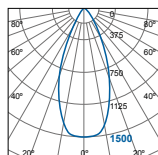
m	Lux	Ø cm
0.5	8000	41
1	2000	83
1.5	889	124
2	500	166

Beam angle = 45°

ER2912p-75H45D



Wattage (W)	12
Max. Luminous Intensity (cd)	1500
Beam Angle (°)	45
Luminous Flux (lm)	700



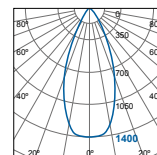
m	Lux	Ø cm
0.5	6000	41
1	1500	83
1.5	667	124
2	375	166

Beam angle = 45°

ER2911d-50H45D



Wattage (W)	11
Max. Luminous Intensity (cd)	1400
Beam Angle (°)	45
Luminous Flux (lm)	630



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

Beam angle = 45°

Specification of LED Light Source



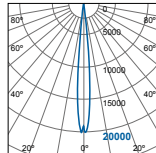
LED AR111 | Constant Current Type | G53



ER0218-100H08D



Wattage (W)	18
Max. Luminous Intensity (cd)	20000
Beam Angle (°)	8
Luminous Flux (lm)	1500



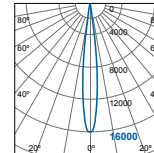
m	Lux	Ø cm
0.5	80000	7
1	20000	14
1.5	8889	21
2	5000	28

Beam angle = 8°

ER0210-50H08D



Wattage (W)	10
Max. Luminous Intensity (cd)	16000
Beam Angle (°)	8
Luminous Flux (lm)	550



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

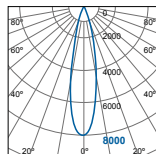
Beam angle = 8°



ER0118-100H24D



Wattage (W)	18
Max. Luminous Intensity (cd)	8000
Beam Angle (°)	24
Luminous Flux (lm)	1500



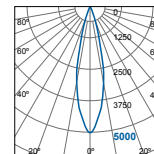
m	Lux	Ø cm
0.5	32000	21
1	8000	43
1.5	3556	64
2	2000	85

Beam angle = 24°

ER3712w-75H24D



Wattage (W)	12
Max. Luminous Intensity (cd)	5000
Beam Angle (°)	24
Luminous Flux (lm)	850



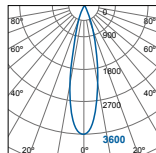
m	Lux	Ø cm
0.5	20000	21
1	5000	43
1.5	2222	64
2	1250	85

Beam angle = 24°

ER0110-50H24D



Wattage (W)	10
Max. Luminous Intensity (cd)	3600
Beam Angle (°)	24
Luminous Flux (lm)	600



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

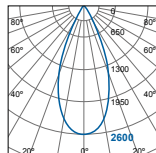
Beam angle = 24°



ER0318-100H45D



Wattage (W)	18
Max. Luminous Intensity (cd)	2600
Beam Angle (°)	45
Luminous Flux (lm)	1500



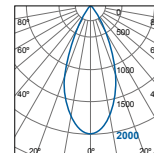
m	Lux	Ø cm
0.5	10400	41
1	2600	83
1.5	1156	124
2	650	166

Beam angle = 45°

ER3912w-75H45D



Wattage (W)	12
Max. Luminous Intensity (cd)	2000
Beam Angle (°)	45
Luminous Flux (lm)	850



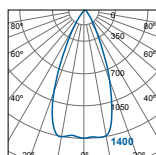
m	Lux	Ø cm
0.5	8000	41
1	2000	83
1.5	889	124
2	500	166

Beam angle = 45°

ER0310-50H45D



Wattage (W)	10
Max. Luminous Intensity (cd)	1400
Beam Angle (°)	45
Luminous Flux (lm)	630



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

Beam angle = 45°

Specification of LED Light Source



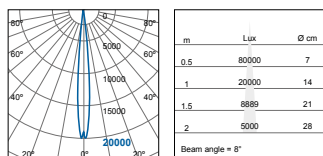
LED AR111 | Line Voltage | GU10



LR1715d-75H08D



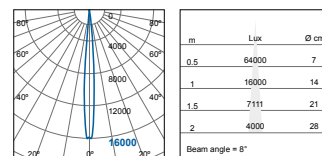
Wattage (W)	15
Max. Luminous Intensity (cd)	20000
Beam Angle (°)	8
Luminous Flux (lm)	950



LR1712d-50H08D



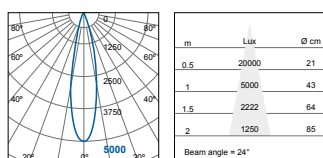
Wattage (W)	12
Max. Luminous Intensity (cd)	16000
Beam Angle (°)	8
Luminous Flux (lm)	550



LR1615d-75H24D



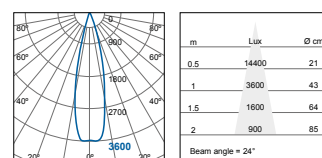
Wattage (W)	15
Max. Luminous Intensity (cd)	5000
Beam Angle (°)	24
Luminous Flux (lm)	950



LR1612d-50H24D



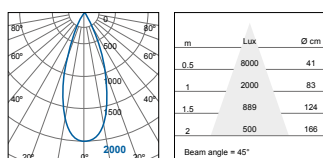
Wattage (W)	12
Max. Luminous Intensity (cd)	3600
Beam Angle (°)	24
Luminous Flux (lm)	600



LR1815d-75H45D



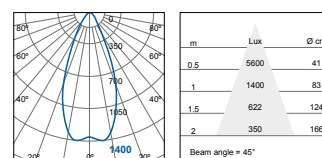
Wattage (W)	15
Max. Luminous Intensity (cd)	2000
Beam Angle (°)	45
Luminous Flux (lm)	950



LR1812d-50H45D



Wattage (W)	12
Max. Luminous Intensity (cd)	1400
Beam Angle (°)	45
Luminous Flux (lm)	630



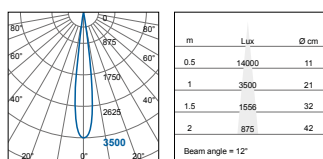
LED MR16 | AC12V | GU5.3



ER1908d-SP



Wattage (W)	8
Max. Luminous Intensity (cd)	3500
Beam Angle (°)	12
Luminous Flux (lm)	400



Specification of LED Light Source

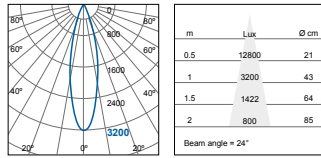


LED MR16 | AC12V | GU5.3



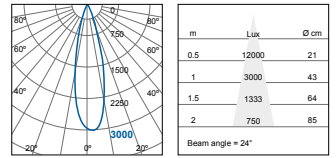
ER2607.5LN-FL

Wattage (W)	7.5
Max. Luminous Intensity (cd)	3200
Beam Angle (°)	24
Luminous Flux (lm)	500



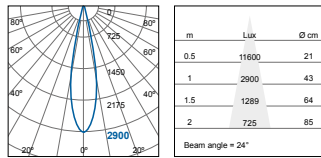
ER3308dLN-FL

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



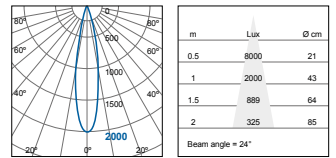
ER2508dLN-FL

Wattage (W)	8
Max. Luminous Intensity (cd)	2900
Beam Angle (°)	24
Luminous Flux (lm)	450



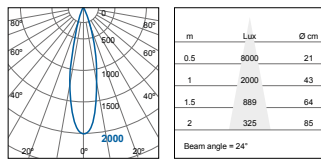
ER3207-50H24D

Wattage (W)	7
Max. Luminous Intensity (cd)	2000
Beam Angle (°)	24
Luminous Flux (lm)	500



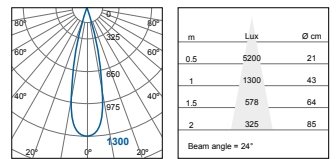
ER3207.5d-50H24D

Wattage (W)	7.5
Max. Luminous Intensity (cd)	2000
Beam Angle (°)	24
Luminous Flux (lm)	450



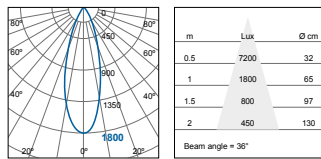
ER2404.5-35H24D

Wattage (W)	4.5
Max. Luminous Intensity (cd)	1300
Beam Angle (°)	24
Luminous Flux (lm)	240



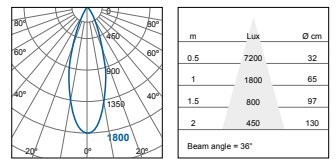
ER3308dDG-WFL

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



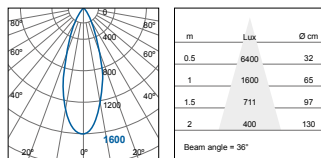
ER2607.5LN-WFL

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



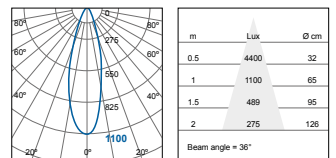
ER2508dLN-WFL

Wattage (W)	8
Max. Luminous Intensity (cd)	1600
Beam Angle (°)	36
Luminous Flux (lm)	450



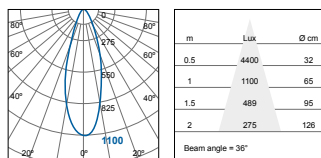
ER3207-50H36D

Wattage (W)	7
Max. Luminous Intensity (cd)	1100
Beam Angle (°)	36
Luminous Flux (lm)	500



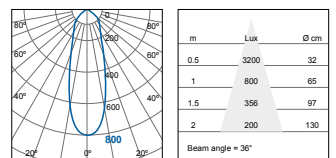
ER3207.5d-50H36D

Wattage (W)	7.5
Max. Luminous Intensity (cd)	1100
Beam Angle (°)	36
Luminous Flux (lm)	450



ER2507.5DG-WFL

Wattage (W)	7.5
Max. Luminous Intensity (cd)	800
Beam Angle (°)	36
Luminous Flux (lm)	500



Specification of LED Light Source



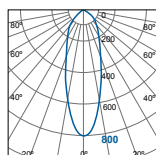
LED MR16 | AC12V | GU5.3



ER2508dDG-WFL



Wattage (W)	8
Max. Luminous Intensity (cd)	800
Beam Angle (°)	36
Luminous Flux (lm)	450

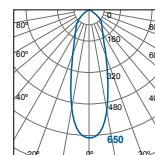


m	Lux	Ø cm
0.5	3200	32
1	800	65
1.5	356	97
2	200	130

Beam angle = 36°

ER2506DG-WFL

Wattage (W)	6
Max. Luminous Intensity (cd)	650
Beam Angle (°)	36
Luminous Flux (lm)	380

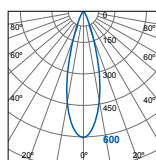


m	Lux	Ø cm
0.5	2600	32
1	650	65
1.5	289	97
2	163	130

Beam angle = 36°

ER2404.5-35H36D

Wattage (W)	4.5
Max. Luminous Intensity (cd)	600
Beam Angle (°)	36
Luminous Flux (lm)	240

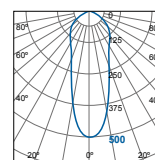


m	Lux	Ø cm
0.5	2400	32
1	600	65
1.5	267	97
2	150	130

Beam angle = 36°

ER3406DG-WFL

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

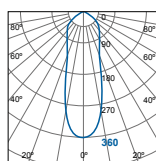


m	Lux	Ø cm
0.5	2000	32
1	500	65
1.5	222	97
2	125	130

Beam angle = 36°

ER2405DG-WFL

Wattage (W)	5
Max. Luminous Intensity (cd)	360
Beam Angle (°)	36
Luminous Flux (lm)	330

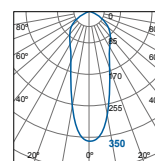


m	Lux	Ø cm
0.5	1440	32
1	360	65
1.5	160	97
2	90	130

Beam angle = 36°

ER3405DG-WFL

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

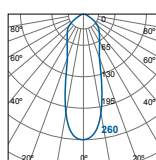


m	Lux	Ø cm
0.5	1400	32
1	350	65
1.5	156	97
2	88	130

Beam angle = 36°

ER2404DG-WFL

Wattage (W)	4
Max. Luminous Intensity (cd)	260
Beam Angle (°)	36
Luminous Flux (lm)	220



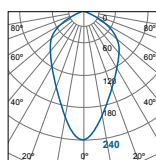
m	Lux	Ø cm
0.5	1040	32
1	260	65
1.5	116	97
2	65	130

Beam angle = 36°



ER2405DG-VWFL

Wattage (W)	5
Max. Luminous Intensity (cd)	240
Beam Angle (°)	60
Luminous Flux (lm)	330

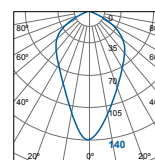


m	Lux	Ø cm
0.5	960	58
1	240	115
1.5	107	173
2	60	231

Beam angle = 60°

ER2404DG-VWFL

Wattage (W)	4
Max. Luminous Intensity (cd)	140
Beam Angle (°)	60
Luminous Flux (lm)	220



m	Lux	Ø cm
0.5	560	58
1	140	115
1.5	62	173
2	35	231

Beam angle = 60°

Specification of LED Light Source



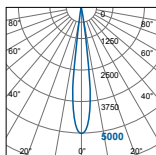
LED MR16 | Constant Current Type | GU5.3



ER1810-50H12D



Wattage (W)	10
Max. Luminous Intensity (cd)	5000
Beam Angle (°)	12
Luminous Flux (lm)	580



m	Lux	Ø cm
0.5	20000	11
1	5000	21
1.5	2222	32
2	1250	42

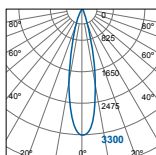
Beam angle = 12°



ER0510-50H24D



Wattage (W)	10
Max. Luminous Intensity (cd)	3300
Beam Angle (°)	24
Luminous Flux (lm)	620



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

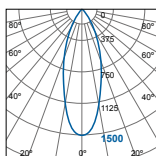
Beam angle = 24°



ER0510-50H36D



Wattage (W)	10
Max. Luminous Intensity (cd)	1500
Beam Angle (°)	36
Luminous Flux (lm)	700



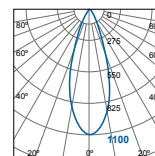
m	Lux	Ø cm
0.5	6000	32
1	1500	65
1.5	667	97
2	375	130

Beam angle = 36°

ER3306w-50H36D



Wattage (W)	6
Max. Luminous Intensity (cd)	1100
Beam Angle (°)	36
Luminous Flux (lm)	500



m	Lux	Ø cm
0.5	4400	32
1	1100	65
1.5	489	95
2	275	126

Beam angle = 36°

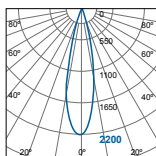


LED PAR16 | GU10



LR4407-50H24D

Wattage (W)	7
Max. Luminous Intensity (cd)	2200
Beam Angle (°)	24
Luminous Flux (lm)	500



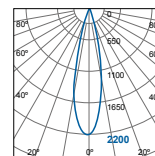
m	Lux	Ø cm
0.5	8800	21
1	2200	43
1.5	978	64
2	550	85

Beam angle = 24°

LR4407d-50H24D



Wattage (W)	7
Max. Luminous Intensity (cd)	2200
Beam Angle (°)	24
Luminous Flux (lm)	450

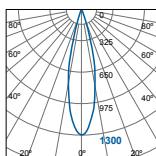


m	Lux	Ø cm
0.5	8800	21
1	2200	43
1.5	978	64
2	550	85

Beam angle = 24°

LR4204.5-35H24D

Wattage (W)	4.5
Max. Luminous Intensity (cd)	1300
Beam Angle (°)	24
Luminous Flux (lm)	240



m	Lux	Ø cm
0.5	5200	21
1	1300	43
1.5	578	64
2	325	85

Beam angle = 24°

Specification of LED Light Source

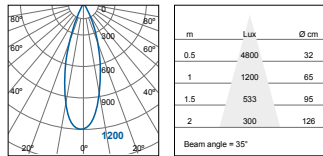


LED PAR16 | GU10



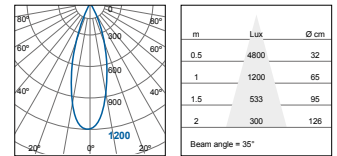
LR4407-50H35D

Wattage (W)	7
Max. Luminous Intensity (cd)	1200
Beam Angle (°)	35
Luminous Flux (lm)	500



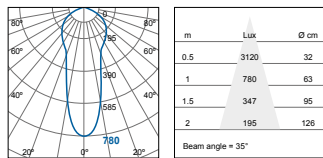
LR4407d-50H35D

Wattage (W)	7
Max. Luminous Intensity (cd)	1200
Beam Angle (°)	35
Luminous Flux (lm)	450



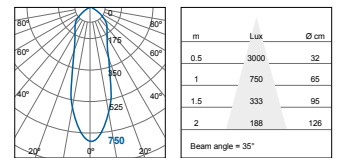
LR5007dDG-WFL

Wattage (W)	7
Max. Luminous Intensity (cd)	780
Beam Angle (°)	35
Luminous Flux (lm)	700



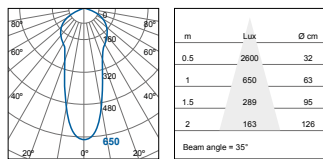
LR3808dBT-WFL

Wattage (W)	8
Max. Luminous Intensity (cd)	750
Beam Angle (°)	35
Luminous Flux (lm)	540



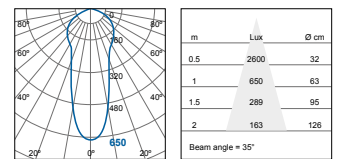
LR2307dDG-WFL

Wattage (W)	7
Max. Luminous Intensity (cd)	650
Beam Angle (°)	35
Luminous Flux (lm)	550



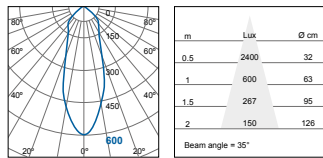
LR2307DG-WFL

Wattage (W)	7
Max. Luminous Intensity (cd)	650
Beam Angle (°)	35
Luminous Flux (lm)	550



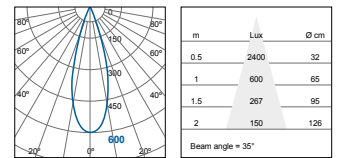
LR2105DG-WFL

Wattage (W)	5
Max. Luminous Intensity (cd)	600
Beam Angle (°)	35
Luminous Flux (lm)	360



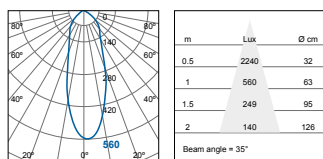
LR4204.5-35H35D

Wattage (W)	4.5
Max. Luminous Intensity (cd)	600
Beam Angle (°)	35
Luminous Flux (lm)	240



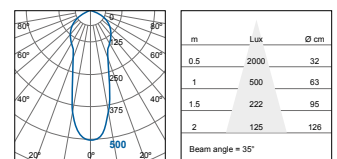
LR2104DG-WFL

Wattage (W)	4
Max. Luminous Intensity (cd)	560
Beam Angle (°)	35
Luminous Flux (lm)	250



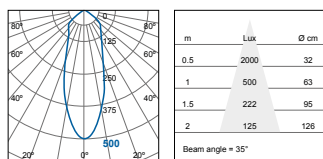
LR1206dDGv2-WFL

Wattage (W)	6
Max. Luminous Intensity (cd)	500
Beam Angle (°)	35
Luminous Flux (lm)	450



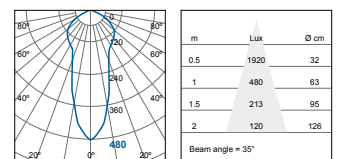
LR4604DG-WFL

Wattage (W)	4
Max. Luminous Intensity (cd)	500
Beam Angle (°)	35
Luminous Flux (lm)	250



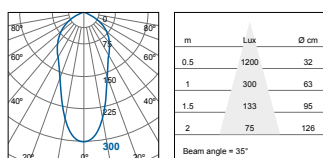
LR5006wDG-WFL

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



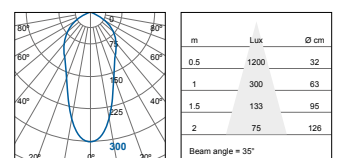
LR1204DGv2-WFL

Wattage (W)	4
Max. Luminous Intensity (cd)	300
Beam Angle (°)	35
Luminous Flux (lm)	320



LR1204dDGv2-WFL

Wattage (W)	4
Max. Luminous Intensity (cd)	300
Beam Angle (°)	35
Luminous Flux (lm)	280



Specification of LED Light Source

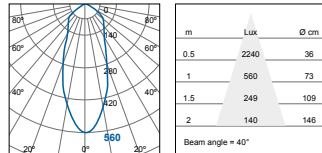


LED PAR16 | GU10



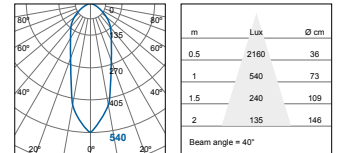
LR4605DG-WFL

Wattage (W)	5
Max. Luminous Intensity (cd)	560
Beam Angle (°)	40
Luminous Flux (lm)	360



LR4607DG-WFL

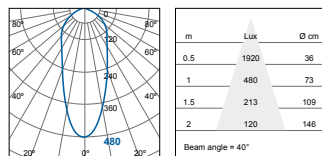
Wattage (W)	7
Max. Luminous Intensity (cd)	540
Beam Angle (°)	40
Luminous Flux (lm)	500



LR4606dDG-WFL



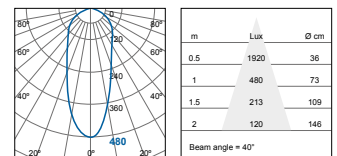
Wattage (W)	6
Max. Luminous Intensity (cd)	480
Beam Angle (°)	40
Luminous Flux (lm)	360



LR2106sDG-WFL



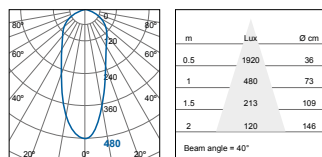
Wattage (W)	6
Max. Luminous Intensity (cd)	480
Beam Angle (°)	40
Luminous Flux (lm)	360



LR2106dDG-WFL



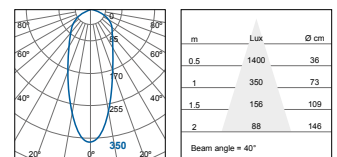
Wattage (W)	6
Max. Luminous Intensity (cd)	480
Beam Angle (°)	40
Luminous Flux (lm)	360



LR2105sDG-WFL



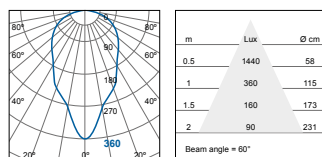
Wattage (W)	5
Max. Luminous Intensity (cd)	350
Beam Angle (°)	40
Luminous Flux (lm)	250



LR5007dDG-VWFL



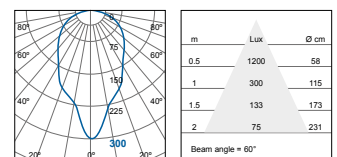
Wattage (W)	7
Max. Luminous Intensity (cd)	360
Beam Angle (°)	60
Luminous Flux (lm)	700



LR2307dDG-VWFL

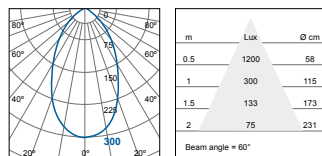


Wattage (W)	7
Max. Luminous Intensity (cd)	300
Beam Angle (°)	60
Luminous Flux (lm)	550



LR2104DG-VWFL

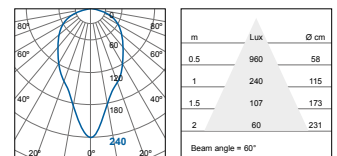
Wattage (W)	4
Max. Luminous Intensity (cd)	300
Beam Angle (°)	60
Luminous Flux (lm)	250



LR1206dDGv2-VWFL

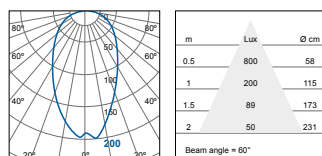


Wattage (W)	6
Max. Luminous Intensity (cd)	240
Beam Angle (°)	60
Luminous Flux (lm)	450



LR1204DGv2-VWFL

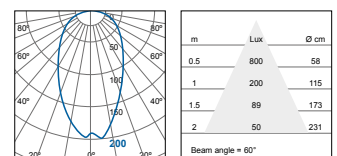
Wattage (W)	4
Max. Luminous Intensity (cd)	200
Beam Angle (°)	60
Luminous Flux (lm)	320



LR1204dDGv2-VWFL



Wattage (W)	4
Max. Luminous Intensity (cd)	200
Beam Angle (°)	60
Luminous Flux (lm)	280



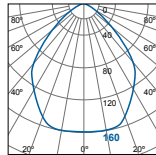


LED PAR16 | GU10



LR2104DG-SWFL

Wattage (W)	4
Max. Luminous Intensity (cd)	160
Beam Angle (°)	90
Luminous Flux (lm)	250



m	Lux	Ø cm
0.5	640	100
1	160	200
1.5	71	300
2	40	400

Beam angle = 90°

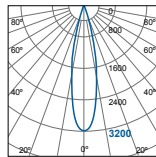


LED PAR30 | E27



LR0215d-100H24D

Wattage (W)	15
Max. Luminous Intensity (cd)	3200
Beam Angle (°)	24
Luminous Flux (lm)	530



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

Beam angle = 24°

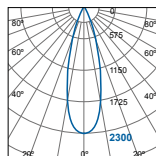


LED PAR30S | E27



LR1412d-75H30D

Wattage (W)	12
Max. Luminous Intensity (cd)	2300
Beam Angle (°)	30
Luminous Flux (lm)	600



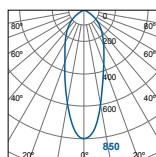
m	Lux	Ø cm
0.5	9200	27
1	2300	54
1.5	1022	80
2	575	107

Beam angle = 30°



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°

Specification of LED Light Source



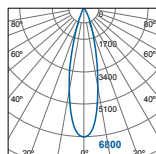
LED PAR38 | E27



LR0920d-25M25D



Wattage (W)	20
Max. Luminous Intensity (cd)	6800
Beam Angle (°)	25
Luminous Flux (lm)	1200



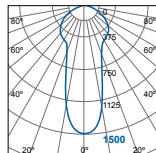
m	Lux	Ø cm
0.5	27200	22
1	6800	44
1.5	3022	67
2	1700	89

Beam angle = 25°



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

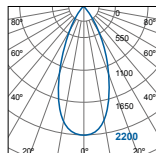
Beam angle = 35°



LR0920d-25M45D



Wattage (W)	20
Max. Luminous Intensity (cd)	2200
Beam Angle (°)	45
Luminous Flux (lm)	1200



m	Lux	Ø cm
0.5	8800	41
1	2200	83
1.5	978	124
2	550	166

Beam angle = 45°

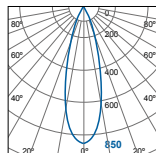


LED GX53



LR1305-30D

Wattage (W)	5
Max. Luminous Intensity (cd)	850
Beam Angle (°)	30
Luminous Flux (lm)	350



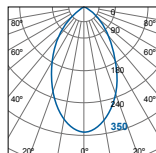
m	Lux	Ø cm
0.5	3400	27
1	850	54
1.5	378	80
2	213	107

Beam angle = 30°



LR1305-60D

Wattage (W)	5
Max. Luminous Intensity (cd)	350
Beam Angle (°)	60
Luminous Flux (lm)	350



m	Lux	Ø cm
0.5	1400	58
1	350	115
1.5	156	173
2	88	231

Beam angle = 60°

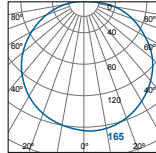
Specification of Light Source



LED GX53

LR3307

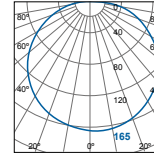
Wattage (W)	7
Luminous Flux (lm)	520



LR3307d



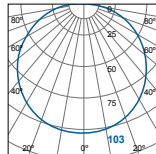
Wattage (W)	7
Luminous Flux (lm)	480



LR2205d

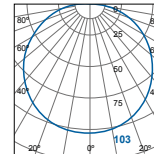


Wattage (W)	5
Luminous Flux (lm)	300



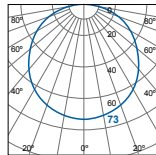
LR2205

Wattage (W)	5
Luminous Flux (lm)	300



LR2203.5

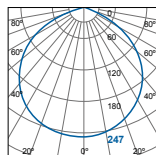
Wattage (W)	3.5
Luminous Flux (lm)	220



LED R7s

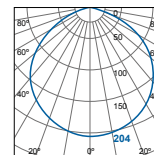
LJ0209

Wattage (W)	9
Luminous Flux (lm)	600



LJ0107

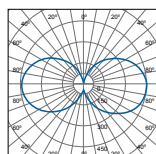
Wattage (W)	7
Luminous Flux (lm)	450



LED CLUSTERLITE® | E27

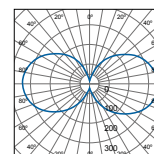
LH0135

Wattage (W)	35
Luminous Flux (lm)	4000 [2800K] 4160 [4000K]



LH0127

Wattage (W)	27
Luminous Flux (lm)	2800



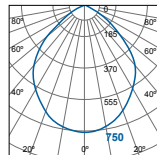
Specification of LED Light Source

Luminaire with Secondary Reflector

MEGAMAN® GENOA with TECOH® CFx

F25245RC / F25745RC with CF0112d (2800K)

Wattage (W)	20
Max. Luminous Intensity (cd)	750
Beam Angle (°)	90
Luminous Flux (lm)	1000

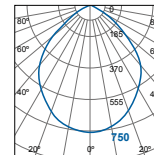


m	Lux	Ø cm
0.5	3000	100
1	750	200
1.5	333	300
2	188	400

Beam angle = 90°

F25245RC / F25745RC with CF0112d (4000K)

Wattage (W)	20
Max. Luminous Intensity (cd)	750
Beam Angle (°)	90
Luminous Flux (lm)	1100

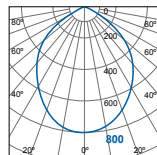


m	Lux	Ø cm
0.5	3000	100
1	750	200
1.5	333	300
2	188	400

Beam angle = 90°

F25245RC / F25745RC with CF0112 (2800K / 4000K)

Wattage (W)	15.5
Max. Luminous Intensity (cd)	800
Beam Angle (°)	90
Luminous Flux (lm)	1100

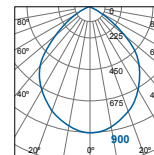


m	Lux	Ø cm
0.5	3200	100
1	800	200
1.5	356	300
2	200	400

Beam angle = 90°

F25245RC with CF0120d (2800K)

Wattage (W)	30
Max. Luminous Intensity (cd)	900
Beam Angle (°)	90
Luminous Flux (lm)	1350

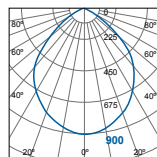


m	Lux	Ø cm
0.5	3600	100
1	900	200
1.5	400	300
2	225	400

Beam angle = 90°

F25245RC with CF0120d (4000K)

Wattage (W)	30
Max. Luminous Intensity (cd)	900
Beam Angle (°)	90
Luminous Flux (lm)	1500

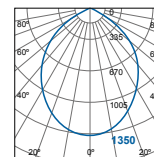


m	Lux	Ø cm
0.5	3600	100
1	900	200
1.5	400	300
2	225	400

Beam angle = 90°

F25245RC with CF0120 (2800K / 4000K)

Wattage (W)	26
Max. Luminous Intensity (cd)	1350
Beam Angle (°)	90
Luminous Flux (lm)	1800

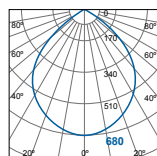


m	Lux	Ø cm
0.5	5400	100
1	1350	200
1.5	600	300
2	338	400

Beam angle = 90°

F26645RC / F26745RC with CF0112d (2800K)

Wattage (W)	20
Max. Luminous Intensity (cd)	680
Beam Angle (°)	90
Luminous Flux (lm)	1000

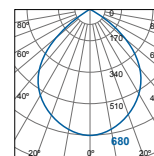


m	Lux	Ø cm
0.5	2720	100
1	680	200
1.5	302	300
2	170	400

Beam angle = 90°

F26645RC / F26745RC with CF0112d (4000K)

Wattage (W)	20
Max. Luminous Intensity (cd)	680
Beam Angle (°)	90
Luminous Flux (lm)	1100

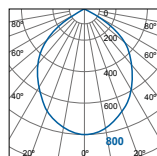


m	Lux	Ø cm
0.5	2720	100
1	680	200
1.5	302	300
2	170	400

Beam angle = 90°

F26645RC / F26745RC with CF0112 (2800K / 4000K)

Wattage (W)	15.5
Max. Luminous Intensity (cd)	800
Beam Angle (°)	90
Luminous Flux (lm)	1100

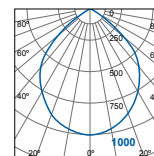


m	Lux	Ø cm
0.5	3200	100
1	800	200
1.5	356	300
2	200	400

Beam angle = 90°

F26645RC with CF0120d (2800K)

Wattage (W)	30
Max. Luminous Intensity (cd)	1000
Beam Angle (°)	90
Luminous Flux (lm)	1350

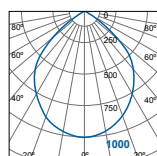


m	Lux	Ø cm
0.5	4000	100
1	1000	200
1.5	444	300
2	250	400

Beam angle = 90°

F26645RC with CF0120d (4000K)

Wattage (W)	30
Max. Luminous Intensity (cd)	1000
Beam Angle (°)	90
Luminous Flux (lm)	1500

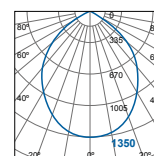


m	Lux	Ø cm
0.5	4000	100
1	1000	200
1.5	444	300
2	250	400

Beam angle = 90°

F26645RC with CF0120 (2800K / 4000K)

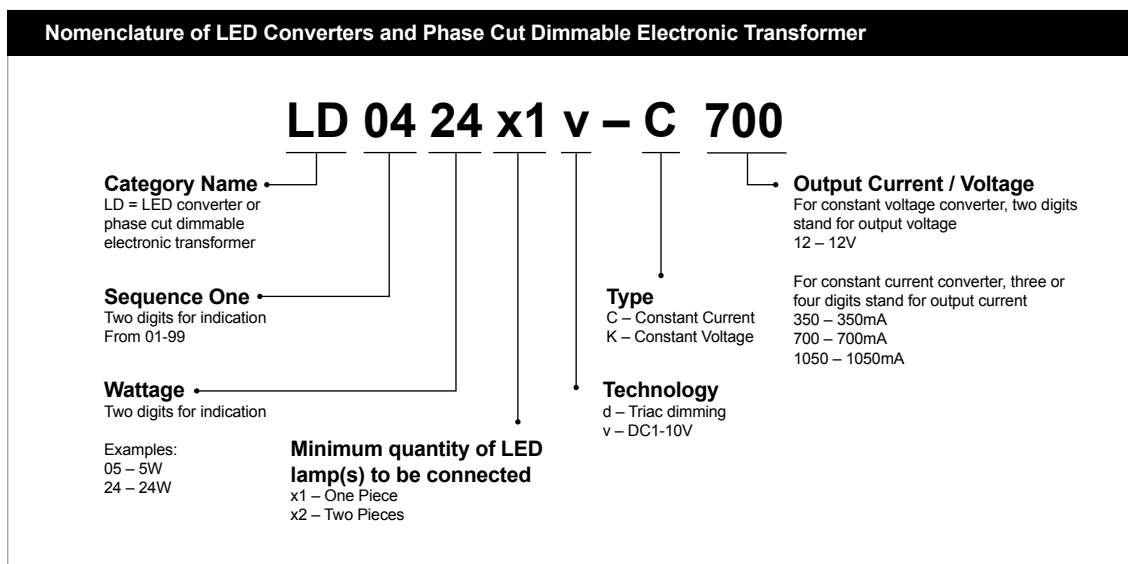
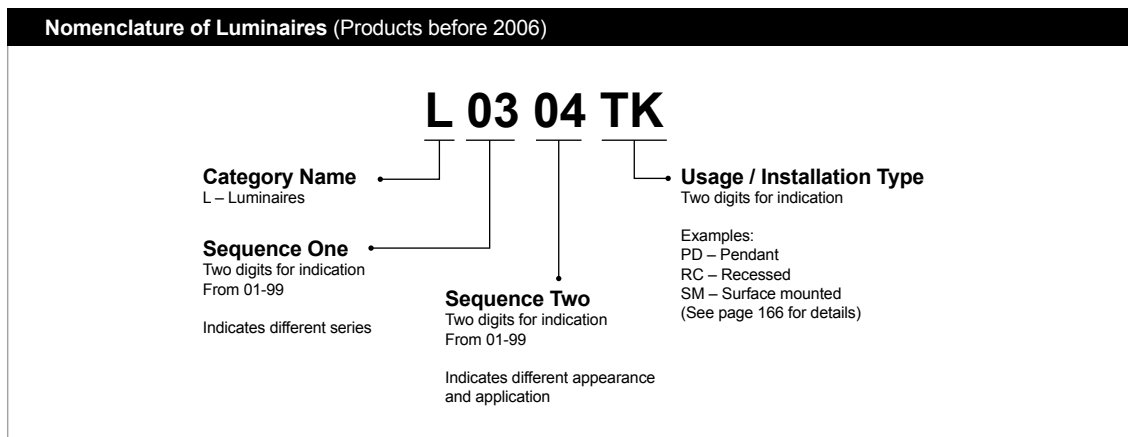
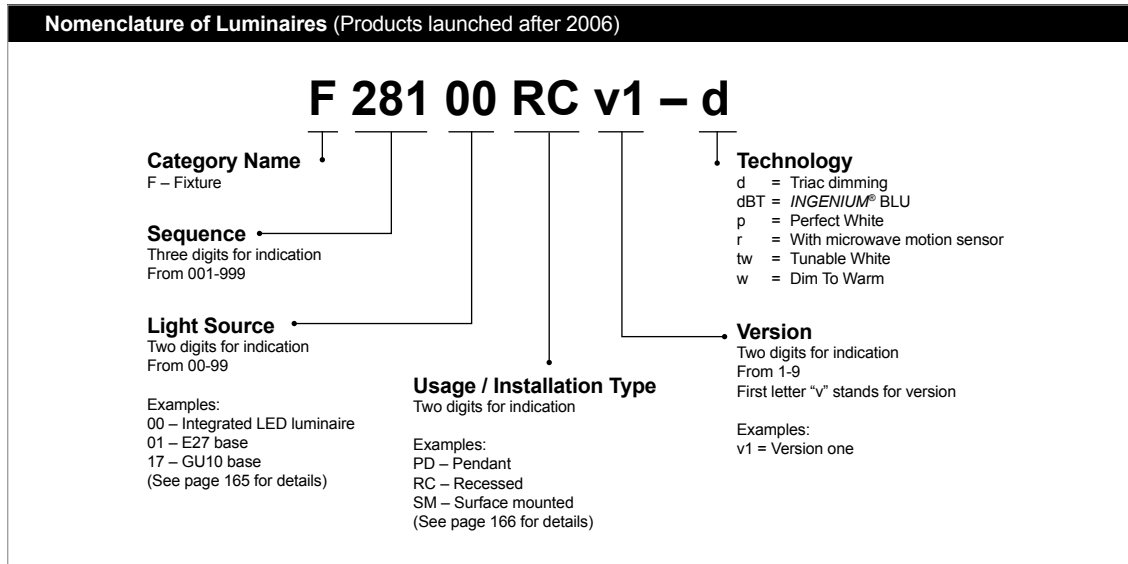
Wattage (W)	26
Max. Luminous Intensity (cd)	1300
Beam Angle (°)	90
Luminous Flux (lm)	1750



m	Lux	Ø cm
0.5	5400	100
1	1350	200
1.5	600	300
2	338	400

Beam angle = 90°

Decoding the MEGAMAN® Model Number



Product Code

Indication of Light Source

Code	Type of Light Source
00	Integrated LED
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 Base
18	Reflector / lamp with GX53 Base
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 PHJ65d-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

Usage / Installation Type

Code	Usage / Installation Type
CB	Surface mounted
CL	Surface mounted
PD	Pendant
PL	Portable
RC	Recessed
SM	Surface mounted
SP	Spike mounted
SU	Suspended
TA	Asian track (1-way)
TK	European track (3-way)



Product Code

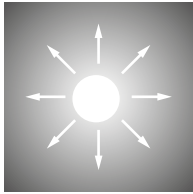
Colours / Materials

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	

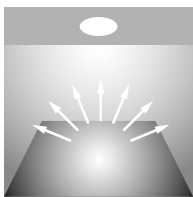
Symbol Information



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.

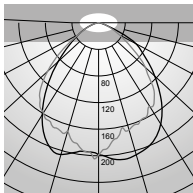


Luminous Intensity

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.

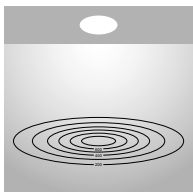
Most light sources emit the light at different strengths in different directions, the intensity distribution must be given for all directions to have a complete description of the light field. The representation in a polar-coordinate diagram is called a luminous intensity distribution curve.



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.

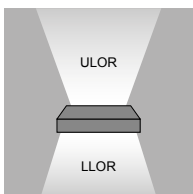


Illuminance

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).

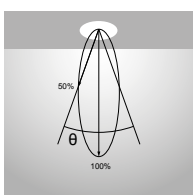
This is used to measure the brightness level of a working surface or an area. The illumination level is often represented with isolux-curves.



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



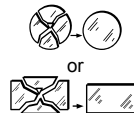
Class II - Double Insulated
The luminaire provides protection against electrical shock using both the base insulation and an additional or reinforced insulation.



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

Lighting Design Software



DIALux

RELUX
light simulation tools

OxyTech

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.	Model No.	Product Series	Light Source	Page No.
F00601SM	MEGAMAN® KEPPA	LED CLUSTERLITE® (E27)	128	F25349TK	MEGAMAN® MODENA	TECOH® RDx RD0343M (1400mA)	78
F01018RC	MEGAMAN® PLANEX	LED GX53 (GX53)	62	F25349TK-p	MEGAMAN® MODENA	TECOH® RDx RD0343M-p (1050mA)	78
F01317RC	MEGAMAN® MIRO	LED PAR16 (GU10)	48	F25400SM+IP54	MEGAMAN® TOTT	LED Integrated	124
F01341RC	MEGAMAN® MIRO	LED MR16 (GU5.3)	48	F25400SM+IP65	MEGAMAN® TOTT	LED Integrated	124
F01417RC	MEGAMAN® MIRO	LED PAR16 (GU10)	48	F25445SM	MEGAMAN® CORTONA	TECOH® CFx (PHJ65d-2)	130
F01441RC	MEGAMAN® MIRO	LED MR16 (GU5.3)	48	F25447SM	MEGAMAN® TOTT	LED R7s (R7s)	125
F01517RC	MEGAMAN® MIRO	LED PAR16 (GU10)	48	F25500SM+IP54	MEGAMAN® TOTT	LED Integrated	124
F01541RC	MEGAMAN® MIRO	LED MR16 (GU5.3)	48	F25500SM+IP65	MEGAMAN® TOTT	LED Integrated	124
F01617RC	MEGAMAN® MIRO	LED PAR16 (GU10)	49	F25546SM	MEGAMAN® TOTT	LED R7s (R7s)	125
F01641RC	MEGAMAN® MIRO	LED MR16 (GU5.3)	49	F25600SM+IP54	MEGAMAN® TOTT	LED Integrated	124
F01717RC	MEGAMAN® MIRO	LED PAR16 (GU10)	49	F25600SM+IP65	MEGAMAN® TOTT	LED Integrated	124
F01741RC	MEGAMAN® MIRO	LED MR16 (GU5.3)	49	F25745RC	MEGAMAN® GENOA	TECOH® CFx (PHJ65d-2)	20
F01817RC	MEGAMAN® FOCO	LED PAR16 (GU10)	52	F25845SM	MEGAMAN® CORTONA	TECOH® CFx (PHJ65d-2)	130
F01841RC	MEGAMAN® FOCO	LED MR16 (GU5.3)	52	F26000RC	MEGAMAN® SIENA	LED Integrated	35
F01917RC	MEGAMAN® FOCO	LED PAR16 (GU10)	52	F26100RC	MEGAMAN® SIENA	LED Integrated	35
F01941RC	MEGAMAN® FOCO	LED MR16 (GU5.3)	52	F26200RC	MEGAMAN® SIENA	LED Integrated	35
F02718RC	MEGAMAN® PLANEX	LED GX53 (GX53)	62	F26200RC-d	MEGAMAN® SIENA	LED Integrated	35
F02818RC	MEGAMAN® PLANEX	LED GX53 (GX53)	62	F26300RC	MEGAMAN® SIENA	LED Integrated	36
F03500SP	MEGAMAN® TEKA	LED Integrated	146	F26300RC-d	MEGAMAN® SIENA	LED Integrated	36
F05717RC	MEGAMAN® ENVY	LED PAR16 (GU10)	54	F26400RC	MEGAMAN® SIENA	LED Integrated	34
F05817RC	MEGAMAN® ENVY	LED PAR16 (GU10)	54	F26400RC-d	MEGAMAN® SIENA	LED Integrated	34
F10314PD	MEGAMAN® ARTCO PAR	LED PAR38 (E27)	120	F26400RC-dBT	MEGAMAN® SIENA	LED Integrated	34
F10314PD+IP44	MEGAMAN® ARTCO PAR	LED PAR38 (E27)	120	F26400RC-w	MEGAMAN® SIENA	LED Integrated	34
F11301SU	MEGAMAN® LUSTER-LED	LED CLUSTERLITE® (E27)	117	F26517RC	MEGAMAN® LUCCA	LED PAR16 (GU10)	44
F11517SM	MEGAMAN® MOSAIC	LED PAR16 (GU10)	94	F26541RC	MEGAMAN® LUCCA	LED MR16 (GU5.3)	44
F11517TK	MEGAMAN® MOSAIC	LED PAR16 (GU10)	94	F26645RC	MEGAMAN® GENOA	TECOH® CFx (PHJ65d-2)	20
F11914PD	MEGAMAN® ARTCO PAR	LED PAR38 (E27)	120	F26745RC	MEGAMAN® GENOA	TECOH® CFx (PHJ65d-2)	20
F11914PD+IP44	MEGAMAN® ARTCO PAR	LED PAR38 (E27)	120	F26817TK	MEGAMAN® ALDA	LED AR111 (GU10)	82
F12217RC	MEGAMAN® CONXENTO	LED AR111 (GU10)	24	F27000PL	MEGAMAN® ADVANT	LED Integrated	132
F12239RC	MEGAMAN® CONXENTO	LED AR111 (G53)	24	F27100RC	MEGAMAN® SIENA	LED Integrated	36
F12301RC	MEGAMAN® CONXENTO	LED PAR30 (E27)	24	F27100RCv1	MEGAMAN® SIENA	LED Integrated	36
F12601SM	MEGAMAN® LOFT	LED PAR30 (E27)	90	F27100RCv1-d	MEGAMAN® SIENA	LED Integrated	36
F12601TK	MEGAMAN® LOFT	LED PAR30 (E27)	90	F27500RC	MEGAMAN® RICO	LED Integrated	38
F12617SM	MEGAMAN® LOFT	LED AR111 (GU10)	90	F27600RC	MEGAMAN® RICO	LED Integrated	38
F12617TK	MEGAMAN® LOFT	LED AR111 (GU10)	90	F27800TK	MEGAMAN® ESTA	LED Integrated	88
F12917RC	MEGAMAN® FOCO	LED PAR16 (GU10)	52	F27800TKv1	MEGAMAN® ESTA	LED Integrated	88
F13117SM	MEGAMAN® TOBY	LED AR111 (GU10)	84	F27900TK	MEGAMAN® ESTA	LED Integrated	88
F13117TK	MEGAMAN® TOBY	LED AR111 (GU10)	84	F28048TK	MEGAMAN® MODENA	TECOH® MHx MH0219	79
F13139SM	MEGAMAN® TOBY	LED AR111 (G53)	84	F28049TK	MEGAMAN® MODENA	TECOH® RDx RD0231M (700mA)	78
F13417RC	MEGAMAN® MALCOLM	LED PAR16 (GU10)	26	F28049TK-p	MEGAMAN® MODENA	TECOH® RDx RD0231M-p (700mA)	78
F13441RC	MEGAMAN® MALCOLM	LED MR16 (GU5.3)	26	F28100RC	MEGAMAN® SIENA	LED Integrated	32
F13442RC	MEGAMAN® MALCOLM	LED PAR16 (E14)	26	F28100RC-d	MEGAMAN® SIENA	LED Integrated	32
F13517RC	MEGAMAN® MALCOLM	LED PAR16 (GU10)	26	F28100RC-dBT	MEGAMAN® SIENA	LED Integrated	32
F13541RC	MEGAMAN® MALCOLM	LED MR16 (GU5.3)	26	F28100RCv1	MEGAMAN® SIENA	LED Integrated	32
F13617RC	MEGAMAN® MALCOLM	LED PAR16 (GU10)	26	F28100RCv1-d	MEGAMAN® SIENA	LED Integrated	32
F13717RC	MEGAMAN® MALCOLM	LED PAR16 (GU10)	26	F28100RC-w	MEGAMAN® SIENA	LED Integrated	32
F13815RC	MEGAMAN® MALCOLM	LED PAR30 (E27)	27	F28249RC	MEGAMAN® CARLO	TECOH® RDx RD0343M (1050mA)	14
F13915RC	MEGAMAN® MALCOLM	LED PAR30 (E27)	27	F28249RC-p	MEGAMAN® CARLO	TECOH® RDx RD0555M-p (700mA)	14
F14015RC	MEGAMAN® MALCOLM	LED PAR30 (E27)	27	F28343RC	MEGAMAN® CARLO	TECOH® MHx MH0130	15
F14115RC	MEGAMAN® MALCOLM	LED PAR30 (E27)	27	F28400RC	MEGAMAN® RICO	LED Integrated	38
F14241RC	MEGAMAN® MAX	LED MR16 (GU5.3)	46	F28500RC	MEGAMAN® SIENA	LED Integrated	36
F14341RC	MEGAMAN® MAX	LED MR16 (GU5.3)	46	F28751RC	MEGAMAN® VERSOFIT	TECOH® THx TH0106d	58
F14417RC	MEGAMAN® MALCOLM	LED AR111 (GU10)	28	F28851RC	MEGAMAN® VERSOFIT	TECOH® THx TH0106d	58
F14439RC	MEGAMAN® MALCOLM	LED AR111 (G53)	28	F28951RC	MEGAMAN® VERSOFIT	TECOH® THx TH0106d	58
F14517RC	MEGAMAN® MALCOLM	LED AR111 (GU10)	28	F29000SM	MEGAMAN® PINO	LED Integrated	102
F14539RC	MEGAMAN® MALCOLM	LED AR111 (G53)	28	F29100SM	MEGAMAN® PINO	LED Integrated	102
F14617RC	MEGAMAN® MALCOLM	LED AR111 (GU10)	28	F29249RC	MEGAMAN® VITO	TECOH® RDx RD0555M (1400mA)	12
F14717RC	MEGAMAN® MALCOLM	LED AR111 (GU10)	28	F29349RC	MEGAMAN® VITO	TECOH® RDx RD0555M (1050mA)	12
F21017SM	MEGAMAN® REFLEXO	LED PAR16 (GU10)	96	F29349RC-p	MEGAMAN® VITO	TECOH® RDx RD0555M-p (1050mA)	12
F21017TK	MEGAMAN® REFLEXO	LED PAR16 (GU10)	96	F29500RC	MEGAMAN® SIENA	LED Integrated	33
F21141SM	MEGAMAN® REFLEXO	LED MR16 (GU5.3)	96	F29500RC-d	MEGAMAN® SIENA	LED Integrated	33
F21141TK	MEGAMAN® REFLEXO	LED MR16 (GU5.3)	96	F29500RCv1	MEGAMAN® SIENA	LED Integrated	33
F22241SM	MEGAMAN® MOSAIC	LED MR16 (GU5.3)	94	F29500RCv1-d	MEGAMAN® SIENA	LED Integrated	33
F22241TK	MEGAMAN® MOSAIC	LED MR16 (GU5.3)	94	F29500RC-w	MEGAMAN® SIENA	LED Integrated	33
F25139SM	MEGAMAN® TOBY	LED AR111 (G53)	84	F29600RC	MEGAMAN® RICO	LED Integrated	38
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