MEGAMAN®

NEW
PRODUCT HIGHLIGHT (AUTUMN 2014)

Contents

LED LIGHT SOURCE

LED LUMINAIRES

INGENIUM® SMART LIGHTING

Easy and Affordable ✸ Bluetooth® 4.0 Enabled LED Lamps

ingenium®
BLU

Simple. Accessible. Smart.

Easy Installation
Can be installed without the need for wiring, making it accessible and cost-effective for everyone

Smart Device Control
Control the latest MEGAMAN® LED lamps via a smart device

Scene Setting
Set lighting scenes that suit every mood

Energy-savings
Higher energy savings when dimming function is used

INGENIUM® BLU with the latest Bluetooth 4.0 technology is a step forward for high quality living. Simple, stylish and intelligent, its advantages include easy installation, availability of direct LED retrofit, wireless compatibility, dimmable without dimmer, precision scene setting and greater energy saving using the app.

What *INGENIUM®* BLU can do

Power
• Turn the lights on and off

Dimming
• Adjust brightness level with linear dimming functions

Timer
• Pre-set the time to light up the lamp from lowest to full brightness

Grouping
• Control lighting devices room-by-room

Scenes
• Set programmes for your favourite settings for repeated use

Bluetooth version	4.0
Expected coverage	10 metres
Maximum number of lamps / modules to be connected at the same time	4 pieces in each group
Maximum number of groups	8 groups per app
Maximum number of lamps per group	4 pieces in each group
Maximum number of scene set per group	4 scenes in each group
Control unit	Smart device with app (iOS or Android)
Network topology	Star
Applications	Household use, showroom, lounge, function room, reception area, etc.

NEW

Model No.	Total Luminous Flux (lm)	Colour Temp. [CRI]	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable	Energy Class	Equivalent Incandescent Lamp Power (W)
LG2311dBT	810	2800K / 4000K [Ra80]	25000	65	125	100-1%	A+	60

220-240V | 50/60 Hz | 11W | E27

NEW

Model No.	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Colour Temp. [CRI]	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable	Energy Class
LR3808dBT-WFL	750	WFL (35°)	540	410	2800K [Ra82] 4000K [Ra85]	25000	50	65	100-1%	A

220-240V | 50/60 Hz | 8W | GU10

☐ White   ▨ Silver

NEW

Model No.	Beam Angle (°)	Colour Temp. [CRI]	Rated Life (hrs)	Power Factor (λ)	Diameter (mm)	Length (mm)	Cut-Out (mm)	Dimmable
F26400RC-dBT	60	2800K/ 4000K/ 6500K [>Ra80]	25000	> 0.9	110	78	85	100-1%

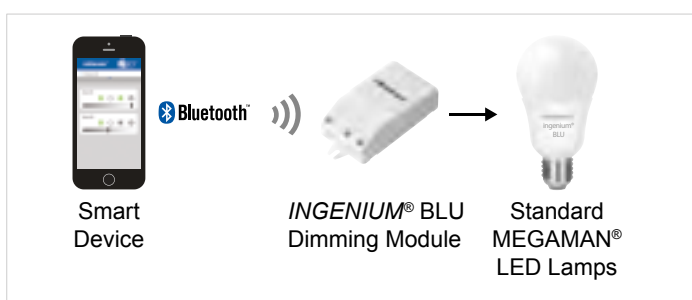220-240V | 50/60 Hz | 13W | 900 lm | 69 lm/W | IP20

☐ White   ▨ Silver

NEW

Model No.	Beam Angle (°)	Colour Temp. [CRI]	Rated Life (hrs)	Power Factor (λ)	Diameter (mm)	Length (mm)	Cut-Out (mm)	Dimmable
F28100RC-dBT	24 / 36	2800K/ 4000K/ [>Ra80]	25000	> 0.6	80	55	68	100-1%

220-240V | 50/60 Hz | 8W | 500 lm | 63 lm/W | 25° | IP20

Coming Soon…

Compatible with a wide range of MEGAMAN® products, these Bluetooth-ready modules remote controls the on/off, dimming and scene setting of MEGAMAN® LED lamps that do not have integrated Bluetooth 4.0.

Smart Device → *INGENIUM*® BLU Dimming Module → Standard MEGAMAN® LED Lamps

INGENIUM® BLU Mobile App
NOW Available

Dimming Module
The Bluetooth embedded dimming module gives you remote dimming control on MEGAMAN® LED lamps that do not have integrated Bluetooth 4.0.

Dimmable 24V Constant Voltage Transformer
This transformer allows you to connect with DC24V input voltage LED lamps, for examples, MEGAMAN® LED Strip and LED Flexi.

Preliminary Data
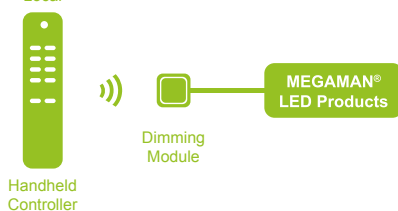
Smart Lighting with Endless Possibilities

ingenium®
RF

How it works

Anywhere in the world

Wi-Fi — Router — Gateway — Dimming Module — **MEGAMAN® LED Products**

Local

Handheld Controller — Dimming Module — **MEGAMAN® LED Products**

Large scalable applications controllable from anywhere in the world

Compatible with a wide range of MEGAMAN®'s LED products, the *INGENIUM®* RF Control Solution allows you to control lighting devices using a handheld controller. It can also be controlled by your smart device app by simply connecting to a gateway and a broadband Wi-Fi router.

Using your smart device you can control lighting from anywhere in the world as long as you have internet access with *INGENIUM®* RF's app. Suitable for large-scale installations, its main functions include:

• Turn on/off the lights
• Adjust brightness level with linear dimming functions
• Set light sequence and timer
• Group the lamps for easy control
• Programmed scene setting

The *INGENIUM*® RF Control Solution allows users to enjoy all possible benefits of smart lighting:

• Easy installation, only minimal wiring is needed
• Convenient lighting control for large areas, e.g. the entire building
• Availability of different remote control functions, allowing users to set the scene precisely and program it for repeated use
• Higher energy savings when dimming function is used
• Lighting control from remote locations for extra energy savings and security

Wireless technology	Radio Frequency (433MHz)
Expected coverage	35 metre (outdoor) and 20 metre (indoor)
Maximum number of modules to be connected	Unlimited (connected to gateway) About 48 modules (handheld controller and wall controller)
Control unit	Smart device with apps (iOS and Android), handheld controller
Network topology	Star
Applications	Restaurants, hotel, retail shops, lounge, home, office, etc

Gateway

A gateway can connect up to 48 units of RF dimming modules. It controls any dimming modules for dimming and on/off by any smart phones or tablets.
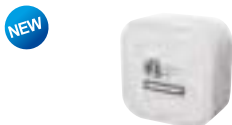
Model No.	Voltage (V)	Radio Frequency	TX (Transmitter)	App Control	Mood Control	No. of Moods to be Set	Max. No. of Channels to be Set	Locking Capability	Height (mm)	Width (mm)	Length (mm)	Colour
RFG01-WH	12V AC adaptor	433.92MHz	Yes	Yes	Yes	8 x 3 moods	8 x 6 channels	Yes	41	128	122	White

Handheld Controller

A handheld controller can connect up to 48 units of RF dimming modules. Besides on/off or dimming control, it activates scene setting in the home remotely via the dimming modules.

Model No.	Voltage (V)	Radio Frequency	TX (Transmitter)	Dimming Control	Remote Control	Mood Control	No. of Moods to be Set	Max. No. of channels to be set	Height (mm)	Width (mm)	Length (mm)	Colour
RFH01-WH	3V battery (CR2032)	433.92MHz	Yes	Yes	Yes	Yes	1 mood	4 x 4 channels	140	37	14	White

Dimming Module

The dimming module enables you to control the on/off or dimming of lamps via your smart device. Desirable moods can be preset and remotely controlled with scene setting functions on the dimming module. The maximum LED lamp power is 100W in total.

Model No.	Voltage (V)	Load (W)	Radio Frequency	RX (Receiver)	Dimmable	Remote Control	Max. No. of Devices to be Connected	Dimmable LED Lamps	Low Energy Halogen	Incandescent	Height (mm)	Width (mm)	Length (mm)	Colour
RFM0106-WH	220-240	100	433.92MHz	Yes	Yes	Yes	6	Yes	Yes	Yes	19	69	49	White

Perfect White

Brings whites to life

MEGAMAN® has introduced a brand new technology, Perfect White, which intensifies and brightens the white colour. Perfect White generates a new colour experience that is not only perfect for retail lighting, but also enhances general lighting in commercial use. The perfect white range includes:

MEGAMAN® Vito LED Downlight
• Provides a total energy saving solution for shop and general lightings with 35° and 60° accent to medium beam optics
• Delivers superb lighting performance of up to 5600lm that is an ideal 70W metal halide replacement solution
• Offers high cut-off angle of 46° to ensure visual comfort
• The gimbal construction provides multi-directional tilting

MEGAMAN® Carlo LED Downlight
• Offers excellent lighting performance up to 3600lm that provides an perfect 50W metal halide replacement solution
• Offers high cut-off angle of 39° to ensure visual comfort
• Ultra flexible with 45° tilting angle and 355° rotation angle

MEGAMAN® Modena LED Tracklight
• Delivers powerful lighting performance of up to 4500lm, an ideal 70W and 35W metal halide replacement solution
• Flexibly adjustable arm for multi-directional lighting: 355° horizontal rotation and ±90 vertical tilting angle
• Aluminium reflector providing clean and precise beams

MEGAMAN® LED AR111 Reflector
• Perfect low energy replacement for the 50W halogen AR111
• Glass cover design makes maintenance easy
• Excellent lighting performance

Professional Series

50W Halogen Replacement

Model No.	Voltage (V)	Frequency (Hz)	Lamp Base	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Colour Temp. [CRI]	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable	Energy Label
ER2711p-50H24D	12V	50/60	G53	11	3600	24	600	500	2800K, 4000K [Ra80]	35000#	111	58	100-10%	A
ER2911p-50H45D	12V	50/60	G53	11	1400	45	630	550	2800K, 4000K [Ra80]	35000#	111	58	100-10%	A

The rated life is declared based on an enclosed environment (the most severe situation). Extended life up to 40,000 hours is still possible when the lamp is used in more open fixtures.

MEGAMAN® Vito LED Downlight

☐ White ■ Silver

NEW

Model No.	Wattage (W)	Dimension (mm)	Cut-Out (mm)	Built-in Cooling	Light Source
F29249RC-p	60	Ø170 x H135	155	Active	RD0555M with input current 1400mA
F29349RC-p	45	Ø170 x H135	155	Passive	RD0555M with input current 1050mA

- Provides a total energy saving solution for shop and general lightings with 35° and 60° accent to medium beam optics
- Delivers superb lighting performance of up to 5600lm
  - F29249RC-p: 5100lm [3000K] / 5600lm [4000K]
  - F29349RC-p: 4100lm [3000K] / 4500lm [4000K]
- Offers high cut-off angle of 46° to ensure visual comfort
- The gimbal construction provides multi-directional tilting
- Easy installation
- External driver is required
- Diecast aluminium housing

Cut out Ø155mm
135mm
Ø170mm

35° 60° 30° IP20

Specification of MEGAMAN® LED module TECOH® RDx

50,000 SDCM ≤3 Dimmable^

Model No.	Input Current (mA)	Nominal Voltage (V)	Wattage (W)	Colour Temp.	Luminous Flux at Tc 25° (lm)	Luminous Efficacy at Tc 25° (lm/W)	Luminous Flux at Tc 85° (lm)	Luminous Efficacy at Tc 85° (lm/W)	CRI	Energy Label
RD0555M	1400	DC43V	60	3000K	7590	127	6300	105	82	A++
RD0555M	1400	DC43V	60	4000K	8310	139	6900	115	82	A++
RD0555M	1050	DC43V	45	3000K	6020	134	5000	111	82	A+
RD0555M	1050	DC43V	45	4000K	6620	147	5500	122	82	A++

MEGAMAN® Carlo LED Downlight

☐ White ■ Silver

NEW

Model No.	Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source
F28249RC-p	35	Ø170 x H135	155	RD0343M with input current 1050mA

- Offers excellent lighting performance of 3600lm [3000K] and 3800lm [4000K]
- Offers high cut-off angle of 39° to ensure visual comfort
- Ultra flexible with 45° tilting angle and 355° rotation angle
- External driver is required. The suggested driver is LD0436x1-C1050 and the system power wattage is 39W

Cut out Ø155mm
120mm 135mm
Ø170mm

35° 60° 355° 45° IP20

Specification of MEGAMAN® LED module TECOH® RDx

50,000 SDCM ≤3 Dimmable^

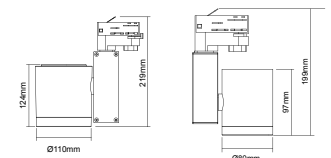| Model No.	Input Current (mA)	Nominal Voltage (V)	Wattage (W)	Colour Temp.	Luminous Flux at Tc 25° (lm)	Luminous Efficacy at Tc 25° (lm/W)	Luminous Flux at Tc 85° (lm)	Luminous Efficacy at Tc 85° (lm/W)	CRI	Energy Label
RD0343M	1050	DC34V	36	3000K	4940	137	4100	114	82	A++
RD0343M	1050	DC34V	36	4000K	5420	151	4500	125	82	A++

MEGAMAN® Modena LED Tracklight

■ Black ☐ White ■ Silver

NEW

Model No.	System Wattage (W)	Dimension (mm)	Beam angle (°)	Light source
F25349TK-p	50	Ø110 x L124 x H219	25 / 45	RD0343M with input current 1400mA
F28049TK-p	27	Ø80 x L97 x H199	25 / 45	RD0231M with input current 700mA

- Delivers powerful light performance of 90lm/W with only 50W power consumption and 25° or 45° beam angles, which are ideal for accent lighting
- F25349TK-p: 4100lm [3000K] / 4500lm [4000K]
  F28049TK-p: 2200lm [3000K] / 2400lm [4000K]
- Flexibly adjustable arm for multi-directional lighting: 355° horizontal rotation and ±90° vertical titling angle
- Aluminium reflector providing clean and precise beams

124mm 219mm Ø110mm
97mm 199mm Ø80mm

NEW

Specification of MEGAMAN® LED module TECOH® RDx

50,000 SDCM ≤3 Dimmable*

Model No.	Input Current (mA)	Nominal Voltage (V)	Wattage (W)	Colour Temp.	Luminous Flux at Tc 25° (lm)	Luminous Efficacy at Tc 25° (lm/W)	Luminous Flux at Tc 85° (lm)	Luminous Efficacy at Tc 85° (lm/W)	CRI	Energy Label
RD0343M	1400	DC34V	48	3000K	5900	123	4900	102	82	A+
RD0343M	1400	DC34V	48	4000K	6500	135	5400	113	82	A++
RD0231M	700	DC34V	24	3000K	3370	140	2800	117	82	A++
RD0231M	700	DC34V	24	4000K	3740	156	3100	129	82	A++

Preliminary Data   ^ A dimming feature is available and performance can be enhanced by driver choice.

New LED MR16 with TCH technology and reflector design, ideal for 35W and 50W halogen MR16 replacements

- With patented Thermal Conductive Highway™ (TCH) technology and reflector design, the new LED MR16 offers efficient heat dissipation
- The light output is upgraded to deliver supreme light output with less power consumed
- The optic design has been improved to create a more controlled and soft but precise beam with a comfortable light output – a highly desirable feature of accent lighting
- Superb light output of up to 2,000cd with power consumption of only 7W
- Different beam angle options available to cater for various applications
- 100% to 10% linear dimming version available
- High colour rendering of up to Ra85
- Long lamp life of 25,000 hours

Professional Series | 12V I 50/60Hz

Model No.		Lamp Base	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Colour Temp. [CRI]	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable	Energy Label	Product Photo
Accent Lighting														
ER2404.5-35H24D	NEW	GU5.3	4.5	1300	24	240	210	2800K [Ra82], 4000K [Ra85]	25000	50	45	No	A	1
ER2404.5-35H36D	NEW	GU5.3	4.5	600	36	240	210	2800K [Ra82], 4000K [Ra85]	25000	50	45	No	A	1
ER3207.5d-50H24D	NEW DIM!	GU5.3	7.5	2000	24	450	330	2800K [Ra82], 4000K [Ra85]	25000	50	56	100-10%	A	2
ER3207.5d-50H36D	NEW DIM!	GU5.3	7.5	1100	36	450	330	2800K [Ra82], 4000K [Ra85]	25000	50	56	100-10%	A	2
ER3207-50H24D	NEW	GU5.3	7	2000	24	500	330	2800K [Ra82], 4000K [Ra85]	25000	50	56	No	A	2
ER3207-50H36D	NEW	GU5.3	7	1100	36	500	330	2800K [Ra82], 4000K [Ra85]	25000	50	56	No	A	2

LED PAR16 220-240V I 50/60Hz

New LED PAR16 with TCH technology and reflector design, ideal for 35W and 50W halogen PAR16 replacements

- With patented Thermal Conductive Highway™ (TCH) technology and reflector design, the new LED PAR16 offers efficient heat dissipation
- The lighting performance is upgraded to deliver supreme light output with less power consumed
- The optic design has been improved to create a more controlled and soft but precise beam with a comfortable light output – a highly desirable feature for accent lighting
- Superb light output of up to 2,200cd and 500lm with power consumption of only 7W
- Different beam angle options available to cater for various applications
- 100% to 10% linear dimming version available
- High colour rendering of up to Ra85
- Long lamp life of 25,000 hours

Professional Series | 220-240V I 50/60Hz

Model No.		Lamp Base	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Total Luminous Flux (lm)	Luminous Flux in 90° cone (lm)	Colour Temp. [CRI]	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable	Energy Label	Product Photo
Accent Lighting														
LR4204.5-35H24D	NEW	GU10	4.5	1300	24	240	210	2800K [Ra82], 4000K [Ra85]	25000	50	55	No	A	1
LR4204.5-35H35D	NEW	GU10	4.5	600	35	240	210	2800K [Ra82], 4000K [Ra85]	25000	50	55	No	A	1
LR4407d-50H24D	NEW DIM!	GU10	7	2200	24	450	330	2800K [Ra82], 4000K [Ra85]	25000	50	64	100-10%	A	2
LR4407d-50H35D	NEW DIM!	GU10	7	1200	35	450	330	2800K [Ra82], 4000K [Ra85]	25000	50	64	100-10%	A	2
LR4407-50H24D	NEW	GU10	7	2200	24	500	335	2800K [Ra82], 4000K [Ra85]	25000	50	64	No	A	2
LR4407-50H35D	NEW	GU10	7	1200	35	500	335	2800K [Ra82], 4000K [Ra85]	25000	50	64	No	A	2

Perfectly brings out the aesthetic appeal of decorative lighting fixtures

- Best fit for decorative lighting to create charming light for a stunning space
- High luminous efficacy of up to 94lm/W
- Available in LED Candle and LED Classic A60
- 100% - 10% linear dimming version available
- Generates less heat than incandescent bulbs

1 **2** **3** **4**

Smart Series | 220-240V I 50/60Hz `2700K`

Lamp Type	Equivalent Incandescent Lamp Power (W)	Model No.	Lamp Base	Wattage (W)	Total Luminous Flux (lm)	Colour Temp. [CRI]	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable	Energy Label	Product Photo
Candle	22	LC1503.2dCS NEW DIM1	E14	3.2	220	2700K [Ra80]	15000	35	113	100 - 10%	A+	2
Classic A60	40	LG6205.5dCS NEW DIM1	E27	5.5	470	2700K [Ra80]	15000	60	117	100 - 10%	A+	4

Economy Series | 220-240V I 50/60Hz `2700K`

Lamp Type	Equivalent Incandescent Lamp Power (W)	Model No.	Lamp Base	Wattage (W)	Total Luminous Flux (lm)	Colour Temp. [CRI]	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable	Energy Label	Product Photo
Candle	25	LC1403.2CS NEW	E14	3.2	250	2700K [Ra80]	15000	36	107	No	A+	1
Classic A60	40	LG6105CS NEW	E27	5	470	2700K [Ra80]	15000	60	107	No	A+	3

Accessory
External housing for LC1403.2CS and LC1503.2dCS

Deliver cosy and harmonious illumination with 2200K colour temperature

- Designs to provide warm and harmonious lighting that creates the mood and sets the ambience
- Best fit into simple and unadorned luminaires for decorative lighting
- Different lamp types Classic A75 and Globe G95, G125 and ST58 are available to cater for various applications
- 100% - 10% linear dimming version available

5 **6** **7** **8**

Smart Series | 220-240V I 50/60Hz `2200K`

Lamp Type	Equivalent Incandescent Lamp Power (W)	Model No.	Lamp Base	Wattage (W)	Total Luminous Flux (lm)	Colour Temp. [CRI]	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable	Energy Label	Product Photo
Classic A75	21	LG6303.2dCS NEW DIM1	E27	3.2	210	2200 [Ra80]	15000	75	137	100-10%	A+	5
Globe G95	21	LG6403.2dCS NEW DIM1	E27	3.2	210	2200 [Ra80]	15000	95	138	100-10%	A+	6
Globe G125	21	LG6503.2dCS NEW DIM1	E27	3.2	210	2200 [Ra80]	15000	125	174	100-10%	A+	7
ST58	21	LG6603.2dCS NEW DIM1	E27	3.2	210	2200 [Ra80]	15000	58	132	100-10%	A+	8

New glass tube version with shatter proof design and 330º exit window to replace the traditional fluorescent T8 tube

- New glass tube version gives a robust structure to strengthen the T8 tube
- Compatible with traditional magnetic ballast for the T8 fluorescent
- Wide 330º exit window, offers an even light distribution
- Comes with a shatter proof finishing, protecting the user from broken glass and other components
- Easy to fit by hand: simply replace the old tube and exchange the given starter
- No buzzing noise, fluorescent flickering or RF interference
- Instant start and reliable operation even at temperatures as low as -30°C

Professional Series | 220-240V I 50/60Hz

Model No.	Lamp Base	Wattage (W)	Total Luminous Flux (lm)	Colour Temp. [CRI]	Rated Life (hrs)	Diameter (mm)	Length (mm)	Energy Label
LT0316*	G13	16	1280 [3000K], 1400 [4000K]	3000K, 4000K [Ra80]	50000	27.5	602	A+
LT0132*	G13	32	2560 [3000K], 2820 [4000K]	3000K, 4000K [Ra80]	50000	27.5	1212	A+
LT0242*	G13	42	3300 [3000K], 3600 [4000K]	3000K, 4000K [Ra80]	50000	27.5	1513	A+

ǂ Dimmable version is available, please contact us for details.

Economy Series | 220-240V I 50/60Hz

Model No.	Lamp Base	Wattage (W)	Total Luminous Flux (lm)	Colour Temp. [CRI]	Rated Life (hrs)	Diameter (mm)	Length (mm)	Energy Label
LT0409.5*	G13	9.5	800 [3000K], 880 [4000K]	3000K, 4000K [Ra80]	40000	27.5	602	A+
LT0518*	G13	18	1600 [3000K], 1750 [4000K]	3000K, 4000K [Ra80]	40000	27.5	1212	A+
LT0523.5*	G13	23.5	2200 [3000K], 2400 [4000K]	3000K, 4000K [Ra80]	40000	27.5	1212	A+
LT0622*	G13	22	2000 [3000K], 2200 [4000K]	3000K, 4000K [Ra80]	40000	27.5	1513	A+
LT0624.5*	G13	24.5	2400 [3000K], 2600 [4000K]	3000K, 4000K [Ra80]	40000	27.5	1513	A+

LED CLUSTERLITE® 220-240V I 50/60Hz

Delivers extremely high lumen output of 4160lm with 35W power consumption only

- Perfectly replaces 40W CFL (and 120W mercury tungsten blended lamp) and 60W CFL (and 180W mercury tungsten blended lamp) by 27W and 35W solutions respectively
- Superb lighting output while saving large amounts of energy
- High luminous efficacy of up to 119lm/W
- Comes with shatterproof finishing, protecting the user from broken glass and other components
- None of the shortcomings of traditional solutions which generate excess heat and consume more energy
- Free of harmful UV and radioactive Kr85 even when the lamp breaks
- Instant start and hot re-strike capability

Work perfectly with MEGAMAN® KEPPA to replace conventional floodlights

Smart Series | 220-240V I 50/60Hz

Model No.	Lamp Base	Wattage (W)	Total Luminous Flux (lm)	Colour Temp. [CRI]	Rated Life (hrs)	Diameter (mm)	Length (mm)	Energy Label
LH0127	E27	27	2800	2800K, 4000K [Ra80]	25000	63	188	A+
LH0135* NEW	E27	35	4000 [2800K], 4160 [4000K]	2800K, 4000K [Ra80]	25000	63	188	A+ [2800K], A++ [4000K]

The LED Clusterlite® is NOT water resistant. The waterproof performance of the lamp would only be attained if the lamp is used with a light fitting with an IP rating of IP44 or above.
The ambient temperature inside the fixture must not exceed 60°C, which is equivalent to a minimum volume of 120 x 360 x 220 (mm).
The noise level is 23dB in an enclosed fixture and 35dB when free burning.

MEGAMAN® PINO

Integrated LED Batten

- 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
  - 12 units for F29100SM

NEW

| 220-240V | 50/60 Hz | IP20 | Class II | | White |

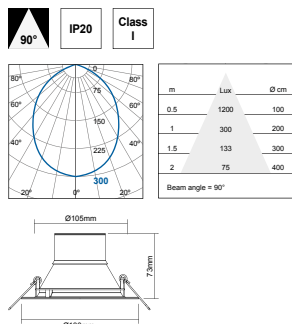| Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Beam Angle (°)	Colour Temp [CRI]	Rated Life (hrs)
NEW F29000SM	11	1000lm [3000K] 1100lm [4000K]	91lm/W [3000K] 100lm/W [4000K]	L580 x W23 x H40	120	3000K/ 4000K [>Ra80]	25,000
NEW F29100SM	17	1600lm [3000K] 1700lm [4000K]	94lm/W [3000K] 100lm/W [4000K]	L880 x W23 x H40			

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

40mm
23mm
580mm / 880mm

Extendable built-in socket

150mm patch cord to cater angular connection

Accessory

LA8002: Power Cord

LA8003: 150mm Patch Cord

LA8004: Angle Joint

Mounting Clips (Comes with the MEGAMAN® PINO)

A compact 2.5" Integrated LED Fully Recessed Adjustable Downlight Range

- No external driver required which facilitates easy installation and maintenance
- Ideal replacement for 50W halogen MR16 and PAR16 downlights
- Compact in size – 25mm shorter than a traditional downlight
- Multi-directional tilting angle allows adjustment after installation
- Delivers high system luminous efficacy of up to 87lm/W
- Designed with a height of only 55mm, making it ideal for limited recess depths
- Different beam angle versions are available to cater for different applications
- 100% to 10% linear dimming version available#
- Three colour options: white, silver and brushed nickel

F28100RC / F28100RCv1

NEW

2.5"

24° | 36° | 25° | IP20 | Class II

High Output (F28100RCv1)

F28100RC-d / F28100RCv1-d

NEW | Dimming 100-10%#

2.5"

24° | 36° | 25° | IP20 | Class II

High Output (F28100RCv1-d)

F29500RC-d / F29500RCv1-d

NEW | Dimming 100-10%#

2.5"

24° | 36° | 25° | IP20 | Class II

High Output (F29500RCv1-d)

F28100RC / F28100RC-d / F29500RC-d

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

Beam angle = 24°

F28100RC / F28100RCv1 / F28100RC-d F28100RCv1-d

Ø68mm | 55mm | Ø80mm | Ø80mm

F29500RC-d / F29500RCv1-d

Ø68mm | 55mm | 80mm | 80mm

220-240V | 50/60 Hz

White | Silver | Brushed Nickel

Model No.		Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Beam Angle (°)	Colour Temp. [CRI]	Rated Life (hrs)	Power Factor (λ)	Dimmable	Materials
F28100RC		7.5	500	67	Ø80 x H55	68	24/36	2800K/ 4000K [>Ra80]	25,000	>0.7	No	Metal housing with diffuser
F28100RCv1*	High Output		650	87								
F28100RC-d		8	500	63						>0.6	100-10%#	
F28100RCv1-d*	High Output		650	81								
F29500RC-d*			500	63	L80 x W80 x H55							
F29500RCv1-d*	High Output		650	81								

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

MEGAMAN® SIENA

F26000RC
3"
90° | IP20 | Class I

m	Lux	Ø cm
0.5	1200	100
1	300	200
1.5	133	300
2	75	400

Beam angle = 90°
300

Ø85mm
Ø110mm
68mm

F26100RC
4"
90° | IP20 | Class I

m	Lux	Ø cm
0.5	1200	100
1	300	200
1.5	133	300
2	75	400

Beam angle = 90°
300

Ø105mm
Ø130mm
73mm

F26200RC
5"
90° | IP20 | Class I

m	Lux	Ø cm
0.5	2040	100
1	510	200
1.5	227	300
2	128	400

Beam angle = 90°
510

Ø125mm
Ø145mm
84mm

F26300RC
6"
90° | IP20 | Class I

m	Lux	Ø cm
0.5	3240	100
1	810	200
1.5	360	300
2	203	400

Beam angle = 90°
810

Ø150mm
Ø172mm
94mm

F28500RC / F27100RC
8"
90° | IP20 | Class I | High Output (F27100RC)

m	Lux		Ø cm
0.5	4000	5680	100
1	1000	1420	200
1.5	444	631	300
2	250	355	400

Beam angle = 90°
1000 / 1420

Ø200mm
Ø225mm
94mm
— F28500RC
— F27100RC

F51400RC
NEW
5"
90° | IP20 | Class I

m	Lux	Ø cm
0.5	2040	100
1	510	200
1.5	227	300
2	128	400

Beam angle = 90°
510

L130mm x W130mm
145mm
84mm

F26400RC
3"
60° | IP20 | Class I

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

Beam angle = 60°
670

Ø85mm
Ø110mm
78mm

F26400RC-d
Dimming 100-1%#
3"
60° | IP20 | Class I

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

Beam angle = 60°
670

Ø85mm
Ø110mm
78mm

Conduit Connection: LA10006

The MEGAMAN® Siena integrated LED downlight with the conduit connection (model no. LA10006) is now available.

220-240V | 50/60 Hz

White | Silver

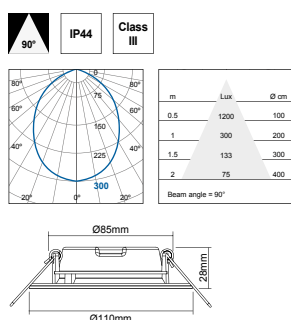| Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Beam Angle (°)	Colour Temp. [CRI]	Rated Life (hrs)	Power Factor (λ)	Dimmable	Materials
F26000RC	5	350	70	Ø110 x H68	85	90	2800K/ 4000K/ 6500K [>Ra80]	25,000	>0.9	No	Metal housing with plastic diffuser
F26100RC	7.5	550	73	Ø130 x H73	105							
F26200RC	12.5	950	76	Ø145 x H84	125							
F26300RC	20.5	1560	76	Ø172 x H94	150							
F28500RC	27	2000	74	Ø225 x H94	200							
F27100RC High Output	35.5	2700	76									
NEW F51400RC*	12.5	950	76	L145 x W145 x H84	L130 x W130							
F26400RC	12.5	900	72	Ø110 x H78	85	60						Metal Housing with Silver Reflector
F26400RC-d	13	900	69							100-10%		

* Preliminary Data

Ultra Slim LED Downlight

NEW

- Ideal for any ceiling recess with a limited depth
- Also 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" & 8" for a perfect alternative to CFL fixtures (1x18W up to 2x26W)
- IP44 version available, ideal for use in humid and damp areas such as bathrooms or kitchens.
- Minimises storage and transportation costs

F27500RC

3"

90° | IP44 | Class III

m	Lux	Ø cm
0.5	1200	100
1	300	200
1.5	133	300
2	75	400

300

Beam angle = 90°

Ø85mm / 28mm / Ø110mm

F27600RC

3"

90° | 30° | IP20 | Class III

m	Lux	Ø cm
0.5	1200	100
1	300	200
1.5	133	300
2	75	400

300

Beam angle = 90°

Ø98mm / 30mm / Ø110mm

F28400RC

3"

45° | 30° | IP20 | Class III

m	Lux	Ø cm
0.5	2280	41
1	570	83
1.5	253	124
2	143	166

570

Beam angle = 45°

Ø98mm / 30mm / Ø110mm

F29600RC

NEW

4"

90° | IP44 | Class III

m	Lux	Ø cm
0.5	1200	100
1	300	200
1.5	133	300
2	75	400

300

Beam angle = 90°

Ø105mm / 28mm / Ø130mm

F29700RC **NEW** 5"

F29800RC **NEW** 6"

F29900RCv1 **NEW** 8"

F29900RC **NEW** 8"

90° IP44 Class III

90° IP44 Class III

90° IP44 Class III

90° IP44 Class III High Output

m	Lux	Ø cm
0.5	2040	100
1	510	200
1.5	227	300
2	128	400

510 — Beam angle = 90°

m	Lux	Ø cm
0.5	3240	100
1	810	200
1.5	360	300
2	203	400

810 — Beam angle = 90°

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

1000 — Beam angle = 90°

m	Lux	Ø cm
0.5	5680	100
1	1420	200
1.5	631	300
2	355	400

1420 — Beam angle = 90°

Ø125mm / Ø145mm / 30mm

Ø150mm / Ø172mm / 35mm

Ø200mm / Ø225mm / 38mm

Ø200mm / Ø225mm / 38mm

White   Silver

Model No.		Wattage (W)	Nominal Voltage	Input Current (mA)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Beam Angle (°)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Materials	Suggested Driver
F27500RC#	IP44	7	DC20V	350	550	79	Ø110 x H28	85	90	2800K/ 4000K/ 6500K [>Ra80]	25,000	Dimmable^	Metal Housing with plastic diffuser	LD0208x1d-C350
F27600RC#	IP20		DC20V				Ø110 x H30	85						LD0208x1d-C350
F28400RC#	IP20		DC18V				Ø110 x H30		45					LD0208x1d-C350
NEW F29600RC#*	IP44		DC20V				Ø130 x H28	105						LD0208x1d-C350
NEW F29700RC#*	IP44	12	DC36V		950		Ø145 x H30	125						LD0212x1-C350
NEW F29800RC#*	IP44	19	DC39V	500	1560	82	Ø172 x H35	150	90					LD0219x1-C500
NEW F29900RCv1#**	IP44	25	DC36V	700	2000	80	Ø225 x H38		200					LD0225x1-C700
NEW F29900RC#**	IP44 High Output	34	DC33V	1050	2700	79	Ø225 x H38							LD0436x1-C1050

\# External driver with output current and nominal voltage corresponding to the input current and nominal voltage of the fixture is required.
For example, the external driver with output current of 350mA and nominal voltage of DC20V is required for F27500RC.
^ Capable of linear dimming when working with DALI, DSI or 1-10V dimming driver. Dimming performance depends on the specification of driver. Please contact us for details.

Suggested MEGAMAN® LED Converter

Model No.	Input Voltage (V)	Output Voltage (V)	Lamp Wattage (W)	Output Current (mA)	Power Factor (λ)	Dimmable
LD0208x1d-C350	220-240	DC18-22V	8	350	>0.7	100-10%
LD0212x1-C350	220-240	DC36V	12	350	>0.9	Non-dimmable
LD0219x1-C500	220-240	DC39V	19	500	>0.9	Non-dimmable
LD0225x1-C700	220-240	DC36V	25	700	>0.9	Non-dimmable
LD0436x1-C1050	220-240	DC33V	35	1050	>0.9	Non-dimmable

\# The suggested LED converter is equipped with a one-click connector for easy installation.
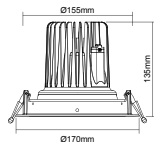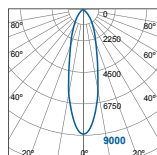
Fully Recessed Adjustable LED Downlight Range

- Provides an energy saving solution for shop and general lighting
- Delivers superb lighting performance up to 5600lm
- Offers high cut-off angle of 46° to ensure visual comfort
- The gimbal construction provides multi-directional tilting

- 35° and 60° medium to wide beam optics
- Dimming option is available#
- Easy installation
- High CRI version: Ra94 available
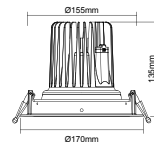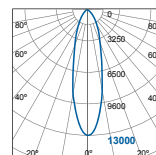- External driver is required
- Die cast aluminium housing

F29349RC

70W Metal Halide Replacement Solution

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

Beam angle = 35°

F29249RC

70W Metal Halide Replacement Solution

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

Beam angle = 35°

Specification of MEGAMAN® LED module TECOH® RDx

50,000 | SDCM ≤3 | Dimmable^

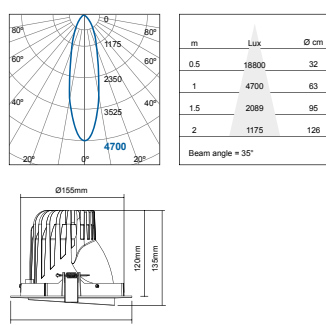| Model No.	Input Current (mA)	Nominal Voltage (V)	Wattage (W)	Colour Temp. [CRI]	Luminous Flux at Tc 25º (lm)	Luminous Efficacy at Tc 25º (lm/W)	Luminous Flux at Tc 85º (lm)	Luminous Efficacy at Tc 85º (lm/W)	Energy Label
RD0555M	1400	DC43V	60	3000K [Ra82]	7590	127	6300	105	A++
RD0555M	1400	DC43V	60	4000K [Ra82]	8310	139	6900	115	A++
RD0555M	1050	DC43V	45	3000K [Ra82]	6020	134	5000	111	A+
RD0555M	1050	DC43V	45	4000K [Ra82]	6620	147	5500	122	A++

IP20 | 30° | White | Silver

Model No.	Wattage (W)	System Luminous Flux (lm)	Dimension (mm)	Cut-Out (mm)	Beam Angle (°)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Built-in Cooling	Light Source
F29249RC	60	5100lm [3000K] 5600lm [4000K]	Ø170 x H135	155	35/60	3000K/ 4000K [Ra82]	50,000	Dimmable#	Active	RD0555M with input current 1400mA
F29349RC	45	4100lm [3000K] 4500lm [4000K]							Passive	RD0555M with input current 1050mA

Capable of linear dimming when working with DALI, DSI or 1-10V dimming driver. Dimming performance depends on the specification of driver. Please contact us for details.
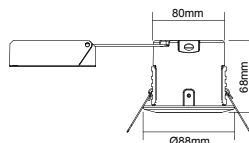
50W Metal Halide
Replacement Solution

Recessed Adjustable LED Downlight

- Offers excellent lighting performance of 3600lm [3000K] and 3800lm [4000K]
- Offers high cut-off angle of 39° to ensure visual comfort
- Ultra flexible with 45° tilting angle and 355° rotation angle
- Perfect white options available – a new technology that intensifies and brightens the white colour
- Perfect white generates a new colour experience not only essential for retail lighting, but also adapt to general lighting in commercial use
- Dimming option is available#
- High CRI version: Ra94 available
- External driver is required. The suggested driver is LD0436x1-C1050 and the system power wattage is 39W

IP20 355° 45° White Silver

Model No.	Wattage (W)	System Luminous Flux (lm)	Dimension (mm)	Cut-Out (mm)	Beam Angle (°)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Light Source
F28249RC	36	3600lm [3000K] 3800lm [4000K]	Ø170 × H135	155	35/60	3000K/ 4000K [Ra82]	50,000	Dimmable#	RD0343M with input current 1050mA

m | Lux | Ø cm
0.5 | 30000 | 32
1 | 7500 | 63
1.5 | 3333 | 95
2 | 1875 | 126
Beam angle = 35°

Ø155mm
120mm 135mm
Ø170mm

Specification of MEGAMAN® LED module TECOH® RDx

50,000 SDCM ≤3 Dimmable^

Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Colour Temp. [CRI]	Luminous Flux at Tc 25° (lm)	Luminous Efficacy at Tc 25° (lm/W)	Luminous Flux at Tc 85° (lm)	Luminous Efficacy at Tc 85° (lm/W)	Energy Label
RD0343M	1050	DC34V	36	3000K [Ra82]	4940	137	4100	114	A++
RD0343M	1050	DC34V	36	4000K [Ra82]	5420	151	4500	125	A++

TECOH® MHx with MEGAMAN® CARLO

35W Metal Halide
Replacement Solution

Recessed Adjustable LED Downlight

- Uses a MEGAMAN® LED module TECOH® MHx, which delivers up to 2100lm
- Excellent glare control, cut-off angle of 33°
- Linear dimming feature is available when working with DALI, DSI and 1-10V dimming drivers
- High CRI version: Ra94 available
- External driver is required. The suggested drivers are LD0424x1v-C700 (DC1-10V dimming driver) and LD0424x1-C700 (non dimming driver) and the system power wattage is 28W

IP20 355° 45° White Silver

Model No.	System Wattage (W)	Luminous Flux (lm)	Dimension (mm)	Cut-Out (mm)	Beam Angle (°)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Light Source
F28343RC	28	1900lm [3000K] 2100lm [4000K]	Ø170 × H135	155	35/60	3000K [Ra82] 4000K [Ra85]	50,000	Dimmable#	MH0130

m | Lux | Ø cm
0.5 | 18800 | 32
1 | 4700 | 63
1.5 | 2089 | 95
2 | 1175 | 126
Beam angle = 35°

Ø155mm
120mm 135mm
Ø170mm

Specification of MEGAMAN® LED module TECOH® MHx

50,000 SDCM ≤3

Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Colour Temp. [CRI]	Luminous Flux at Tc 25° (lm)	Luminous Efficacy at Tc 25° (lm/W)	Luminous Flux at Tc 85° (lm)	Luminous Efficacy at Tc 85° (lm/W)	Energy Label
MH0130	700	DC36V	24	3000K [Ra82]	3200	133	2700	113	A+
MH0130	700	DC36V	24	4000K [Ra85]	3500	146	3000	125	A+

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

MEGAMAN® SIRA

LED Downlight

• Designs to work with LED PAR16 reflector
• Ideal for ceiling recess with limited depth
• Adjustable tilting angle of 25°
• Flexible cord between fixture and terminal block that facilitates easy installment

80mm

68mm

Ø88mm

| 220-240V | 50/60 Hz | Class III | 25° |

White Trim
Silver Trim

Model No.	Maximum Wattage (W)	Dimension (mm)	Colour Temp. [CRI]	Cut-Out (mm)	Materials	Light Source
NEW F52517RC*	6	Ø88 x H68	2800K / 4000K	80	Steel Body	LED PAR16 Lamps

MEGAMAN® MODENA

LED Tracklight Solution for TECOH® RDx

• Delivers powerful light performance of 90lm/W with only 50W power consumption and 25° or 45° beam angles, which are ideal for accent lighting
• F25349TK: 4100lm [3000K] / 4500lm [4000K]
   F28049TK: 2200lm [3000K] / 2400lm [4000K]
• Flexibly adjustable arm for multi-directional lighting: 355° horizontal rotation and ±90° vertical titling angle
• Aluminium reflector providing clean and precise beams
• Dimming version is available^
• High CRI version: Ra94 available

70W Metal Halide Replacement Solution

NEW

F25349TK

| 25° | 45° | 355° | ±90° | IP20 |

124mm | 219mm | Ø110mm

35W Metal Halide Replacement Solution

NEW

F28049TK

| 25° | 45° | 355° | ±90° | IP20 |

97mm | 199mm | Ø80mm

Black | White | Silver

Model No.	System Wattage (W)	Dimension (mm)	Beam angle (°)	Light source
NEW F25349TK	50	Ø110 x L124 x H219	25 / 45	RD0343M with input current 1400mA
NEW F28049TK	27	Ø80 x L97 x H199	25 / 45	RD0231M with input current 700mA

^ Capable of linear dimming when applying DALI, DSI or 1-10V dimming driver with 3-circuit dimmable adaptor, please contact us for detail

50,000 | SDCM ≤3 | Dimmable^

Specification of MEGAMAN® LED module TECOH® RDx

Model No.	Input Current (mA)	Nominal Voltage (V)	Wattage (W)	Colour Temp. [CRI]	Luminous Flux at Tc 25° (lm)	Luminous Efficacy at Tc 25° (lm/W)	Luminous Flux at Tc 85° (lm)	Luminous Efficacy at Tc 85° (lm/W)	Energy Label
RD0343M	1400	DC34V	48	3000K [Ra82]	5900	123	4900	102	A+
RD0343M	1400	DC34V	48	4000K [Ra82]	6500	135	5400	113	A++
RD0231M	700	DC34V	24	3000K [Ra82]	3370	140	2800	117	A++
RD0231M	700	DC34V	24	4000K [Ra82]	3740	156	3100	129	A++

* Preliminary Data

LED Tracklight Solution for TECOH® MHx

- Powerful tracklight solution using the MEGAMAN® LED module TECOH® MHx to deliver high luminous efficacy of up to 125lm/W and 50,000 hours of lifetime, which is ideal for directional lighting
- Compact size with clean and precise beam angle
- Excellent glare control
- Narrow beam optics for accent lighting
- With flexibly adjustable arm for multi-directional lighting: 355° rotation and ±90° titling angle
- Future-proof design: the LED module capsule head is exchangeable and can be upgraded to stay in line with future technological advances
- Dimming available when applying 1-10V dimmable track adaptor and 3-circuit track
- High CRI version: Ra94 available

20W Metal Halide Replacement Solution

F28048TK

m	Lux	Ø cm
0.5	16000	22
1	4000	44
1.5	1778	67
2	1000	89

Beam angle = 25°

25° · 45° · 355° · ±90° · IP20

199mm · 97mm · Ø80mm

35W Metal Halide Replacement Solution

F25343TK

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

Beam angle = 25°

25° · 35° · 45° · 355° · ±90° · IP20

124mm · 219mm · Ø110mm

35W Metal Halide Replacement Solution

F25348TK

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

Beam angle = 15°

15° · 355° · ±90° · IP20

124mm · 219mm · Ø110mm

Black · White · Silver

Model No.	System Wattage (W)	Dimension (mm)	Beam angle (°)	Light source
F25343TK	28	Ø110 x L124 x H219	25 / 35 / 45	MH0130 with input current 700mA
F25348TK	19	Ø110 x L124 x H219	15	MH0129 with input current 500mA
F28048TK	19	Ø80 x L97 x H199	25 / 45	MH0129 with input current 500mA

MEGAMAN® TECOH® MHx Gen 2

MH0129 · MH0130

Specifications of MEGAMAN® LED module TECOH® MHx

50,000 · SDCM ≤3 · DC+48V 100±1%

Model No.	Input Current (mA)	Nominal Voltage (V)	Wattage (W)	Colour Temp. [CRI]	Luminous Flux at Tc 25° (lm)	Luminous Efficacy at Tc 25° (lm/W)	Luminous Flux at Tc 85° (lm)	Luminous Efficacy at Tc 85° (lm/W)	Energy Label
MH0130	700	DC36V	24	3000K	3200	133	2700	113	A+
MH0130	700	DC36V	24	4000K	3500	146	3000	125	A+
MH0129	500	DC34V	17	3000K	2000	118	1700	100	A+
MH0129	500	DC34V	17	4000K	2200	129	1900	112	A+

Integrated LED Tracklight

The MEGAMAN® Esta integrated LED tracklight comes with various interchangeable decorative covers, which allows customers to decorate their stores with a unique identity. The 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 and 75W halogen AR111 tracklights
• Compact size with precise beam angle
• Minimalist and neutral design
• Flexible adjustable arm multi-directional lighting: 330° horizontal rotation and 180° vertical titling angle
• Interchangeable decorative light shades for lamps

F27800TK

162mm

Ø50mm

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

Beam angle = 24°

F27900TK

193mm

Ø111mm

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

Beam angle = 24°

50W Halogen MR16 Replacement

75W Halogen AR111 Replacement

220-240V | 50/60 Hz | IP20 | Class II | 330° | ±90°

Black | White | Silver

Model No.	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Power Factor (λ)	Materials
F27800TK	8	3600cd [24°] 2000cd [36°]	24/36	550	69	Ø50 x H162	2800K [Ra82] 4000K [Ra85]	25,000	>0.7	Aluminium housing with diffuser
F27900TK	15	20000cd [8°] 5000cd [24°] 2000cd [45°]	8/24/45	950	63	Ø111 x H193		40,000	>0.9	

Integrated LED Tracklight

- Designed to replace conventional tracklight applications, MEGAMAN® CORRUNA works with LED PAR16, PAR30 and AR111 reflectors to offer up to 40,000 hours service lifetime
- Simple-structured 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 355° and 90° tilting angle
- Asian track adaptor version available (F30415TA, F30417TA and F30517TA)

F30415TK

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

Beam angle = 24°

355° 90°

F30517TK

m	Lux	Ø cm
0.5	880	21
1	220	43
1.5	978	64
2	550	85

Beam angle = 24°

355° 90°

F30417TK

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

Beam angle = 24°

355° 90°

IP20 Class I   ☐ White ■ Silver

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Materials
F30517TK	8	Ø76 x H233	LED PAR16	Die-cast Aluminium
F30415TK	15	Ø135 x H233	LED PAR30	
F30417TK	15	Ø135 x H233	LED AR111	

Specification of suggested MEGAMAN® LED Reflectors 220-240V 50/60 Hz

Lamp Type	Model No.	Lamp Base	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Luminous Flux (lm)	Colour Temp. [CRI]	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable
PAR16	LR4407d-50H24D	GU10	7	2200	24	450	2800K [Ra82] 4000K [Ra85]	25000	50	64	100-10%
PAR30	LR0215d-100H24D	E27	15	3200	24	530	2800K [Ra82] 4000K [Ra92]	30000	96	102	100-10%
AR111	LR1615d-75H24D	GU10	15	5000	24	950	2800K [Ra82] 4000K [Ra85]	40000	111	89	100-10%

LED *by* **MEGAMAN®**

LED Panel

- Perfect energy saving solution that gives up to 109lm/W
- Directly replaces 3x18W T8 and 3 x 24W HE T5 fluorescent modular fittings
- Ultra slim integrated lighting solution facilitates easy installation and maintenance
- Low glare diffuser offers visual comfort and avoids fatigue to the eyes
- Wide beam angle, ideal for general lighting
- High lighting uniformity
- External driver required

F31300RC / F31400RC / F31500RC

NEW

600mm × 600mm × 11mm

F31600RC

NEW

300mm × 1200mm × 11mm

F31700RC / F31700RCv1

NEW

600mm × 1200mm × 11mm

IP20   Class III

White   Silver

Model No.	Nominal Voltage (V)	Input Current (mA)	Wattage (W)	Luminous Flux (lm)	Dimension (mm)	Beam Angle (°)	Colour Temp. [CRI]	Rated Life (hrs)	Materials
NEW F31300RC	DC 37-43V	700	28	2400lm [3000K] 2600lm [4000K] 2700lm [6500K]	W595 x L595 x H11	120	3000K/ 4000K/ 6500K [>Ra80]	50,000	Aluminium frame and PMMA diffuser
NEW F31400RC	DC 23-27V	1400	35	3000lm [3000K] 3200lm [4000K] 3300lm [6500K]	W595 x L595 x H11				
NEW F31500RC	DC 29-33V	1400	43	3800lm [3000K] 4100lm [4000K] 4300lm [6500K]	W595 x L595 x H11				
NEW F31600RC	DC 23-27V	1400	35	2800lm [3000K] 3000lm [4000K] 3100lm [6500K]	W295 x L1195 x H11				
NEW F31700RC	DC 33-40V	900	33	3300lm [3000K] 3400lm [4000K] 3600lm [6500K]	W595 x L1195 x H11				
NEW F31700RCv1	DC 33-40V	1400	51	4500lm [3000K] 4700lm [4000K] 5000lm [6500K]	W595 x L1195 x H11				

Driver List for MEGAMAN® BERTO

Model No.	Nominal Voltage (V)	Input Current (mA)	Dimmable
LA11014	100-240V	700mA	No
LA11015	100-240V	760mA	Yes
LA11016	100-240V	1400mA	No
LA11017	100-240V	1340mA	Yes
LA11018	220-240V	1400mA	No
LA11019	100-240V	1400mA	Yes
LA11020	100-240V	1340mA	Yes
LA11021	220-240V	1400mA	No
LA11022	100-240V	1400mA	Yes

Accessory

LA10002
Surface Mounted

LA10003
Recessed Mounted

LA10004
Suspension Wiring

The MEGAMAN® Cappi comes with a built-in electronic ballast and an IP rating of IP54 for outdoor use. Working with the MEGAMAN® LED PAR38 LR3215.5-WFL, the MEGAMAN® Cappi delivers excellent light output of 950lm, which is perfect for use in gardens, driveways and small lanes. MEGAMAN® Teka S is an integrated LED spike-mounted solution that offers a flexible tilting angle of 180° and a 60° beam angle for directional lighting. It is made of an extra lightweight and durable PC material with a rust-free finishing and IP protection.

- 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
- IP protection for outdoor use
- Instant start

Spiked Mounted Luminaire
MEGAMAN® CAPPI

■ Black

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Materials
F32114SP	15.5	Ø120 x H525	LED PAR38	Plastic housing

IP54 | Class II | 120°

Specifications of suggested MEGAMAN® LED PAR38

220-240V | 50/60 Hz | IP55

Model No.	Lamp Base	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Luminous Flux (lm)	Colour Temp. [CRI]	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable
LR3215.5-WFL	E27	15.5	1500	35	950	2800K, 4000K [Ra80]	15000	121	132	No

Spiked Mounted Luminaire
MEGAMAN® TEKA S

■ Black | □ White | ■ Green

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Power Factor (λ)	Materials
F03500SP	10.5	700	67	Ø100 x H476	3000K / 4000K [>Ra80]	>0.5	Plastic housing with glass diffuser

220-240V | 50/60 Hz | IP66 | Class II | 90° | 25,000 | 180°

m	Lux	Ø cm
0.5	1200	100
1	300	200
1.5	133	300
2	75	400

Beam angle = 90°

25

MEGAMAN® KEPPA

- Works perfectly with LED CLUSTERLITE® with 25,000 hours lifetime and replace conventional floodlights
- For outdoor use with flexible tilting angle of 330º for directional lighting
- Made with light-weight and durable PC material
- With IP65 protection
- Rust-free finishing

364mm | 296mm | 165mm

IP65 | 330° | ■ Black | ☐ Silver

Specification for suggested MEGAMAN® LED CLUSTERLITE® | 220-240V | 50/60 Hz

Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Materials
F006DISM	60	W165 x L364 x H296	LED CLUSTERLITE®	Tempered Glass

Model No.	Lamp Base	Wattage (W)	Luminous Flux (lm)	Colour Temp. [CRI]	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable
LH0135	E27	35	4000 [2800K] 4160 [4000K]	2800K, 4000K [Ra80]	25000	63	188	No

MEGAMAN® TOTT

Integrated LED Floodlight

- High lumen output floodlight up to 4200lm (70lm/W), which is more energy saving than conventional halogen and metal halide floodlights
- Directly connects to the mains which means free of compatibility issue and no extra cost for external driver
- Installation time and space can be saved
- PIR version also available in medium & large-size fittings for Intergrated LED Floodlight
- IP protection for outdoor use
- Instant start

TOTT - S

m	Lux	Ø cm
0.5	3200	119
1	800	238
1.5	356	358
2	200	477

Beam angle = 80°

114mm | 86mm | 104mm

80° | IP65 | IP54 | Class I | 25,000

TOTT - M

m	Lux	Ø cm
0.5	4260	119
1	1065	238
1.5	473	358
2	266	477

Beam angle = 100°

181mm | 129mm | 141mm

100° | IP65 | IP54 | Class I | 25,000

TOTT - L

m	Lux	Ø cm
0.5	16400	119
1	4100	238
1.5	1822	358
2	1025	477

Beam angle = 100°

172mm | 172mm | 238mm

100° | IP65 | IP54 | Class I | 25,000

220-240V | 50/60 Hz | ■ Black | ☐ Silver

Model No.		Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Power Factor (λ)	Materials
F25500SM	S	12	900	75	W86 x L114 X H104	3000K/4000K [>Ra80]	25000	>0.5	Tempered Glass
F25400SM	M	33	2300	70	W141 x L181 x H129			>0.9	
F25800SM	M 📶								
F25600SM	L	60	4200		W238 x L287 X H172				
F26900SM	L 📶								

📶 with PIR sensor

**IP rating of IP54 and IP65 are available

MEGAMAN®