



# European Catalogue

June 2016



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## About MEGAMAN®

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 people's lives. With more than 20 years' experience, we are the only major brand exclusively manufacturing low-energy lighting products throughout its entire history. With our market-leading expertise, we continue to explore wider ranges of lighting solutions including revolutionary smart lighting control, a full range of components and a suite of low-energy fixtures.

## Rigorous Quality and Management Systems

The MEGAMAN® business runs under the most stringent management and quality systems. Our international accreditations include:



## Innovative and Unique Products

With our patented LED design and technology, MEGAMAN® LED products are able to deliver superb performance, including low power consumption, excellent light output and low maintenance costs.

### Unique Features

- High luminous efficacy up to 177lm/W
- Long rated life up to 50,000 hours
- High colour rendering up to Ra95
- Up to 91% energy savings
- Simple installation and servicing
- Wide range of operating temperatures
- Low flicker
- No UV and IR radiation



Over 400 high quality LED lamps



ingenium®  
ZB



ingenium®  
BLU

Smart Control Systems

### Our Innovative Products

Luminaires for indoor and outdoor applications



TECOH® LED modules & light engines



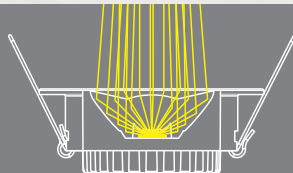
# MEGAMAN® RICO HR

## Ultra Slim LED Downlight

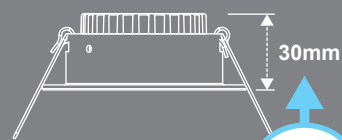


### Product Features

- Ideal replacement for 50W halogen MR16 and PAR16 downlights; 900lm with 50000 hours rated life option is available for professional MR16 replacement
- Compatible with a wide range of external drivers with industry standard current levels available on the market. MEGAMAN® also offers drivers with U-DIM™ feature, which are compatible with both leading-edge and trailing-edge conventional dimmers and enhanced dimming range of 100% to 5%
- Allows use with standard dimming drivers such as DALI, DSI or 1-10V for linear dimming



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

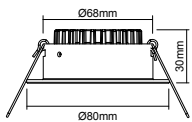


Designed with a height of only 30mm, making it ideal for limited recess depths

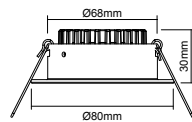
# MEGAMAN® RICO HR

## Ultra Slim LED Downlight

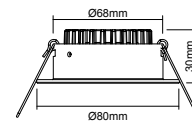
F53500RC / F53500RC-R9



F53500RC-w



F53500RCv2



**U-DIM™**

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

White (WH26)

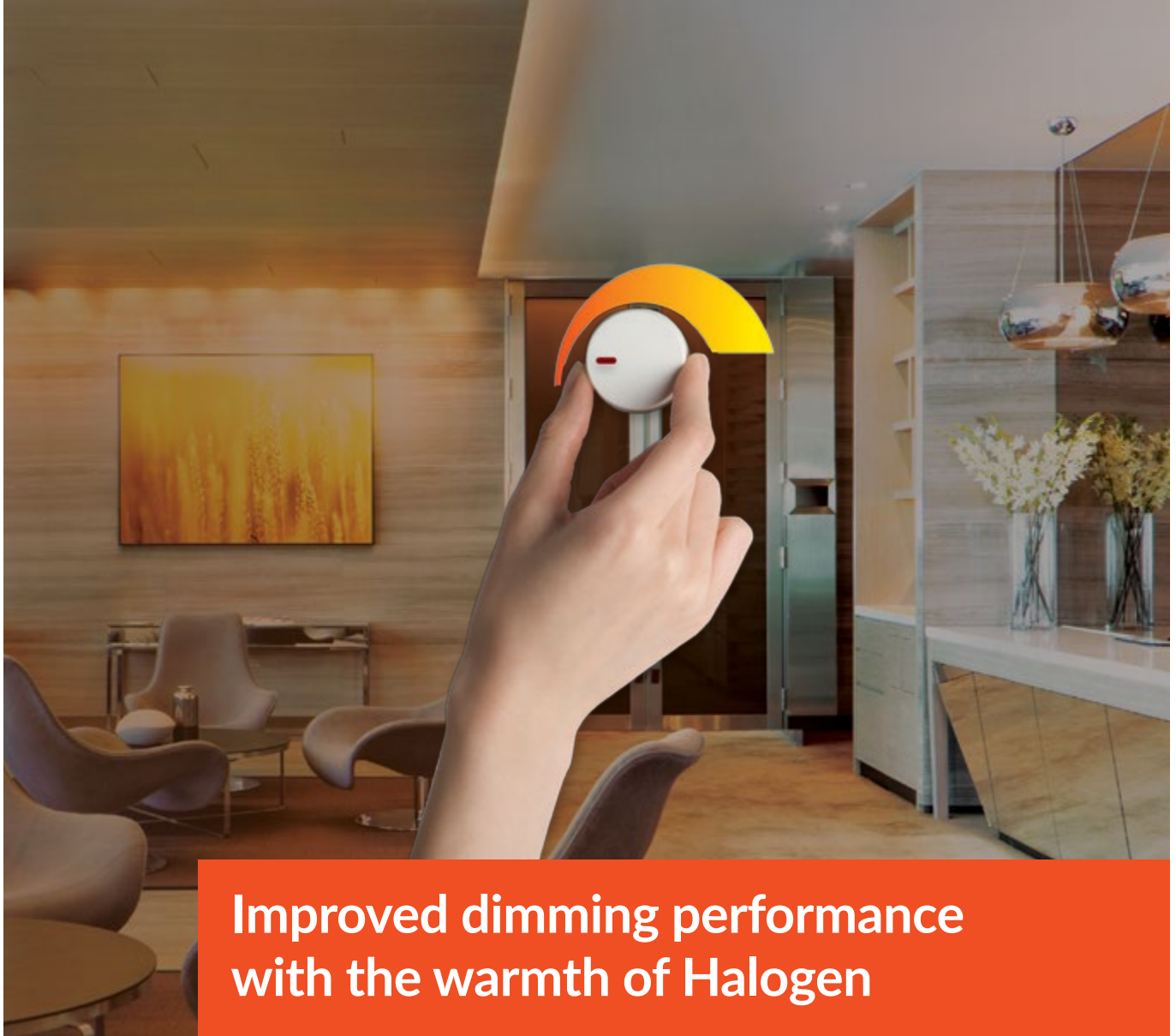
Model No.	Input Current (mA)	Nominal Voltage	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Max. Luminous Intensity (cd)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Materials	Suggested Driver
NEW F53500RC	350	DC16-21V	6.5	500	77	1100	Ø80 x H30	68	2800K [Ra80]	25000	Dimmable <sup>2</sup>	Metal housing with hybrid reflector	LD0509x1d-C350
NEW F53500RC	350		6.5	500	77	1100			4000K [Ra80]	25000	Dimmable <sup>2</sup>		LD0509x1d-C350
NEW F53500RC-R9 <b>Ra95</b>	350		6.5	430	66	950			2800K [Ra95]	25000	Dimmable <sup>2</sup>		LD0509x1d-C350
NEW F53500RC-w	350		6.5	500	77	1100			2800K - 1800K [Ra80]	25000	Dimmable <sup>2</sup> (2800K - 1800K)		LD0509x1d-C350
NEW F53500RCv2	500		9	900	100	2400			2800K [Ra80]	50000 <sup>1</sup>	Dimmable <sup>2</sup>		LD0512x1d-C500
NEW F53500RCv2	500		9	900	100	2400			4000K [Ra80]	50000 <sup>1</sup>	Dimmable <sup>2</sup>		LD0512x1d-C500

<sup>1</sup> The rated life of F53500RCv2 is 50000hrs at L70, B50 at Ta25°C.

<sup>2</sup> Capable of linear dimming when working with DALI, DSI or 1-10V dimming drivers, and the dimming performance depends on the specification of driver. Preliminary Data

# MEGAMAN® SIENA

## Integrated LED Downlight



## Improved dimming performance with the warmth of Halogen

### Product Features

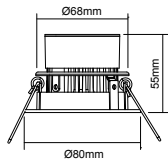
- Emits a warmer light when dimmed. The colour temperature changes from 2800K to 1800K when dimmed from 100% to 10%
- Creates warmth and relaxing atmosphere in residential buildings, hotels, restaurants and bars
- No external driver required which facilitates easy installation and maintenance

# MEGAMAN® SIENA

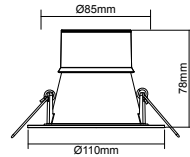
## Integrated LED Downlight



F28100RC-w



F26400RC-w

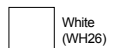


### MEGAMAN® SIENA | 220-240V



Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Max. Luminous Intensity (cd)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Materials
F28100RC-w	8	500	63	1800	Ø80 x H55	68	2800K-1800K [Ra80]	25000	100-10% (2800K-1800K)	Metal housing with diffuser

### MEGAMAN® SIENA SR | 220-240V



Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Max. Luminous Intensity (cd)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Materials
F26400RC-w	13	900	69	670	Ø110 x H78	85	2800K-1800K [Ra80]	25000	100-10% (2800K-1800K)	Metal housing with specular reflector

# MEGAMAN® SIENA

## Integrated LED Downlight



### Economy Series

**MEGAMAN® SIENA**  
(Diffuser)



Up to <b>76</b> lm/W	25000hrs	<b>IP44</b>
$\lambda$ <b>&gt;0.9</b>		

### Professional Series

**MEGAMAN® SIENA SR**  
(Specular Reflector)



Up to <b>106</b> lm/W	50000hrs	<b>IP44</b>
$\theta$ Up to <b>25°</b>	$\lambda$ <b>&gt;0.9</b>	

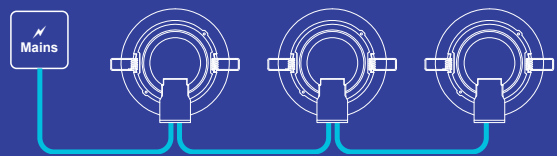
**MEGAMAN® SIENA FR**  
(Facet Reflector)



Up to <b>106</b> lm/W	50000hrs	<b>IP44</b>
$\theta$ Up to <b>25°</b>	$\lambda$ <b>&gt;0.9</b>	



Tool-less terminal box facilitates easy installation and maintenance

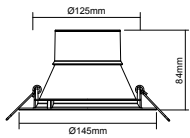


Through wire looping

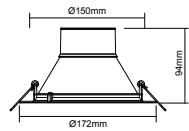
# MEGAMAN® SIENA

## Integrated LED Downlight

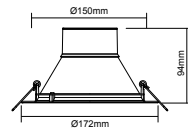
F26200RC



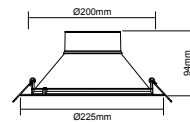
F26300RC



F26300RC-d



F27100RC



**Economy Series | 220-240V**

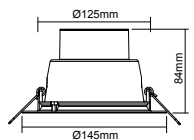
White (WH26)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Materials
F26200RC	12.5	950	76	Ø145 x H84	125	2800K [>Ra80]	25000	No	Die cast aluminium trim with diffuser
F26200RC	12.5	950	76	Ø145 x H84	125	4000K [>Ra80]		No	
F26300RC	20.5	1560	76	Ø172 x H94	150	2800K [>Ra80]		No	
F26300RC	20.5	1560	76	Ø172 x H94	150	4000K [>Ra80]		No	
F26300RC-d	21.5	1560	73	Ø172 x H94	150	2800K [>Ra80]		100-10%	
F27100RC	35.5	2700	76	Ø255 x H94	200	2800K [>Ra80]		No	
F27100RC	35.5	2700	76	Ø255 x H94	200	4000K [>Ra80]	No		

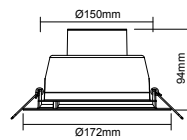
# MEGAMAN® SIENA SR

## Integrated LED Downlight

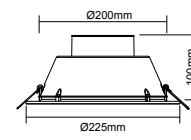
F54100RC-d



F54200RC-d



F54300RCv1



**U-DIM™**

Compatible with BOTH Leading-edge and Trailing-edge Conventional Dimmers for 100-5% Linear Dimming

### Professional Series | 220-240V

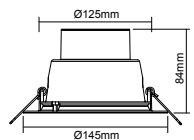
White (WH26)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70, B50 at Ta25°C (hrs)	Dimmable	Materials
<b>NEW</b> F54100RC-d	10.5	950	90	Ø145 x H84	125	2800K [>Ra80]	50000	100 - 5%	Die cast aluminium trim with specular reflector
<b>NEW</b> F54100RC-d	10.5	950	90	Ø145 x H84	125	4000K [>Ra80]		100 - 5%	
<b>NEW</b> F54200RC-d	16.5	1560	95	Ø172 x H94	150	2800K [>Ra80]		100 - 5%	
<b>NEW</b> F54200RC-d	16.5	1560	95	Ø172 x H94	150	4000K [>Ra80]		100 - 5%	
<b>NEW</b> F54300RCv1	25.5	2700	106	Ø225 x H100	200	2800K [>Ra80]		No	
<b>NEW</b> F54300RCv1	25.5	2700	106	Ø225 x H100	200	4000K [>Ra80]		No	

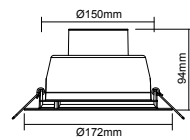
# MEGAMAN® SIENA FR

## Integrated LED Downlight

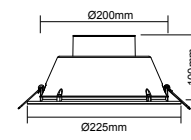
F54600RC-d



F54700RC-d



F54800RCv1



**U-DIM™**  
 Compatible with BOTH Leading-edge and Trailing-edge  
 Conventional Dimmers for 100-5% Linear Dimming

Professional Series | 220-240V

White (WH26)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life at L70, B50 at Ta25°C (hrs)	Dimmable	Materials
NEW F54600RC-d	10.5	950	90	Ø145 x H84	125	2800K [>Ra80]	50000	100 - 5%	Die cast aluminium trim with facet reflector
NEW F54600RC-d	10.5	950	90	Ø145 x H84	125	4000K [>Ra80]		100 - 5%	
NEW F54700RC-d	16.5	1560	95	Ø172 x H94	150	2800K [>Ra80]		100 - 5%	
NEW F54700RC-d	16.5	1560	95	Ø172 x H94	150	4000K [>Ra80]		100 - 5%	
NEW F54800RCv1	25.5	2700	106	Ø225 x H100	200	2800K [>Ra80]		No	
NEW F54800RCv1	25.5	2700	106	Ø225 x H100	200	4000K [>Ra80]		No	

# MEGAMAN® ZEKI

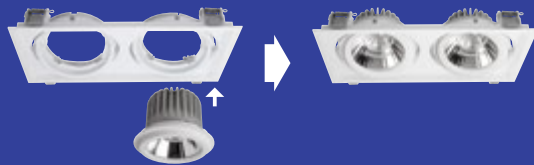
## Multi-head Gimbal Luminaire



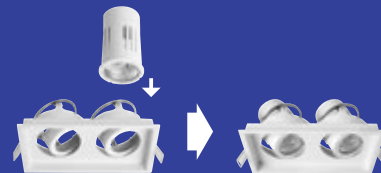
**TECOH® THx**  
LED Light Engine  
can be used in both  
MEGAMAN® ABBY and  
MEGAMAN® ZEKI Ø50

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

### MEGAMAN® ZEKI Ø111



### MEGAMAN® ZEKI Ø50



# MEGAMAN® ZEKI Ø111

## Multi-head Gimbal Luminaire

F56353RC



NEW



F56453RC



NEW



F56553RC



NEW



White (WH26)

### Fitting

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

TH0532-24D



NEW



TH0532-45D



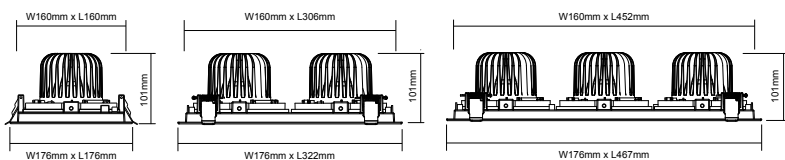
NEW



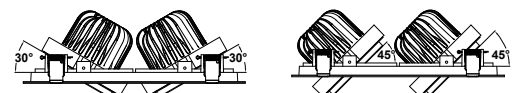
White (WH26)

### LED Module | 1050mA (DC30-36V)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Luminous Flux in 90° Cone (lm)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70, B10 at Tc85°C (hrs)	Suggested Driver	Energy Label
NEW TH0532-24D	35	3200	91	2940	16300	Ø111 x H92	3000K [>Ra80]	50000	LD0436x1-C1050	A+
NEW TH0532-24D					16300		4000K [>Ra80]			
NEW TH0532-45D					7100		3000K [>Ra80]			
NEW TH0532-45D					7100		4000K [>Ra80]			



Tilting angle of F56453RC and F56553RC



# MEGAMAN® ZEKI Ø50

## Multi-head Gimbal Luminaire

F55752RC



NEW



F55852RC



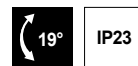
NEW



F55952RC



NEW



White (WH26)

### Fitting

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

TH0309-24D



NEW



TH0309-36D



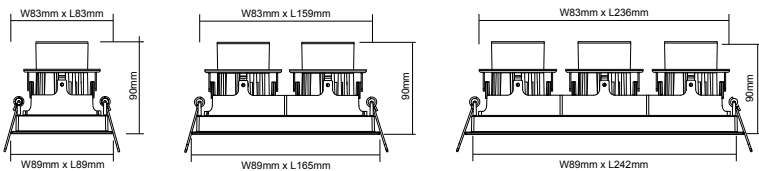
NEW



White (WH26)

### LED Light Engine | 220-240V

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Luminous Flux in 90° Cone (lm)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Energy Label
NEW TH0309-24D	10.5	900	86	830	3500	Ø50 x H75	2800K [>Ra80]	25000	No	A+
NEW TH0309-24D					3500		4000K [>Ra80]			
NEW TH0309-36D					1900		2800K [>Ra80]			
NEW TH0309-36D					1900		4000K [>Ra80]			



Preliminary Data

# MEGAMAN® ABBY

## Fixed and Wall Wash Pin-Hole Downlights



**TECOH® THx**  
LED Light Engine  
can be used in both  
MEGAMAN® ABBY and  
MEGAMAN® ZEKI Ø50

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



# MEGAMAN® ABBY

## Fixed and Wall Wash Pin-Hole Downlights

F54952RC



F55052RC



IP23

30° IP23

White (WH26)

**Fitting**

Model No.	Diameter (mm)	Height (mm)	Cut-Out (mm)	Materials
NEW F54952RC	80	95 (with TH0309)	Ø68	Die cast aluminium
NEW F55052RC				

TH0309-24D



24° λ >0.9

TH0309-36D

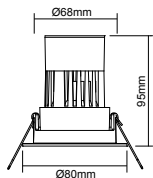


36° λ >0.9

White (WH26)

**LED Light Engine | 220-240V**

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Luminous Flux in 90° Cone (lm)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Energy Label
NEW TH0309-24D	10.5	900	86	830	3500	Ø50 x H75	2800K [>Ra80]	25000	No	A+
NEW TH0309-24D					3500		4000K [>Ra80]			
NEW TH0309-36D					1900		2800K [>Ra80]			
NEW TH0309-36D					1900		4000K [>Ra80]			



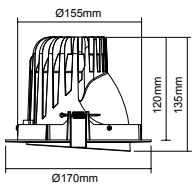
Preliminary Data

# MEGAMAN® CARLO

## LED Downlight with TECOH® RDx LED Module



F28249RC + LD0436x1-C1050



1050mA (DC31-37V)

White (WH26)

Model No.	System Wattage (W)	System Luminous Flux (lm)	System Luminous Efficacy (lm/W)	Max. Luminous Intensity (cd)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life (hrs) L70, B50 at 25°C	Dimmable	Materials
F28249RC + LD0436x1-C1050	39	3600	92	7500	Ø170 x H135	Ø155	3000K [Ra82]	50000	Dimmable <sup>1</sup>	Metal housing
		3800	97				4000K [Ra82]			

Light Source: TECOH® RDx LED module RD0343M with input current of 1050mA

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

# MEGAMAN® BERTO

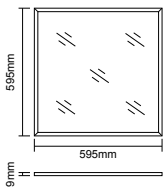
## Integrated LED Panel



F33400RCv2 + LA11065



$\lambda$   
>0.9



White  
(WH26)

**900mA (DC47-51V)**

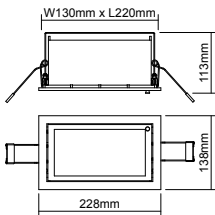
Model No.	System Wattage (W)	System Luminous Flux (lm)	System Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs) L70, B50 at 25°C	Materials
F33400RCv2 + LA11065	50	4100	82	W595 x L595 x H9	4000K [>Ra80]	50000	Aluminium frame and PS diffuser

# MEGAMAN® KARA

## Integrated LED Floodlight



F51800RC + LD0425x1-C700



White (WH26)

**700mA (DC34-39V)**

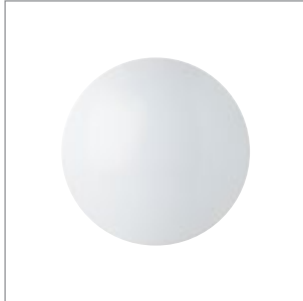
Model No.	System Wattage (W)	System Luminous Flux (lm)	System Luminous Efficacy (lm/W)	Max. Luminous Intensity (cd)	Dimension (mm)	Cut-Out (mm)	Colour Temp. [CRI]	Rated Life (hrs)	Dimmable	Materials
F51800RC + LD0425x1-C700	29.5	2200	75	1200	W138 x L228 x H113	W130 x L220	3000K [>Ra80]	25000	Dimmable <sup>1</sup>	Aluminium
		2400	81				4000K [>Ra80]			

<sup>1</sup> 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.

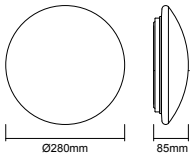
# MEGAMAN® RENZO

## Integrated LED Bulkhead

F50500SM+IP44



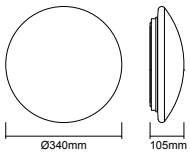
IP44



F50600SM+IP44



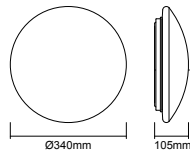
IP44



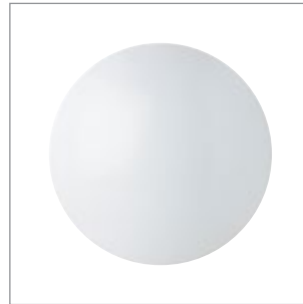
F50600SM-r+IP44



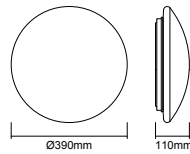
IP44



F50700SM+IP44



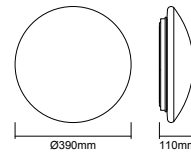
IP44



F50700SM-r+IP44






IP44



**220-240V**

White (WH26)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs) L70, B50 at 25°C	Materials
F50500SM+IP44	10.5	800	76	Ø280 x H85	4000K [>Ra80]	25000	Steel housing with PMMA diffuser
F50600SM+IP44	14.5	1100	76	Ø340 x H105			
F50600SM-r+IP44 	15.5	1100	71	Ø340 x H105			
F50700SM+IP44	18.5	1400	76	Ø390 x H110			
F50700SM-r+IP44 	19.5	1400	72	Ø390 x H110			

 With microwave motion sensor

# MEGAMAN® FONDA

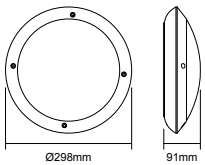
## Integrated LED Waterproof Bulkhead



F51100SM



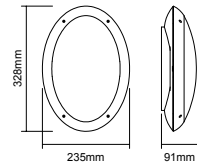
IP66 IK10  $\lambda >0.9$



F51300SM



IP66 IK10  $\lambda >0.9$



**220-240V**

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs) L70, B50 at 25°C	Materials	Colour
F51100SM	10.5	800	76	Ø298 x H91	3000K [>Ra80]	25000	Polycarbonate housing and diffuser	Black (BK12) / White (WH12)
F51100SM				Ø298 x H91	4000K [>Ra80]			Black (BK12) / White (WH12)
F51300SM				W235 x L328 x H91	4000K [>Ra80]			Silver (SV25)

# MEGAMAN® DINO

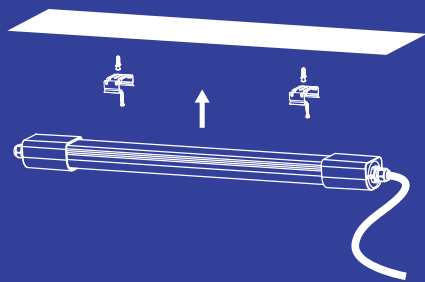
## Integrated LED Waterproof Batten



### Product Features

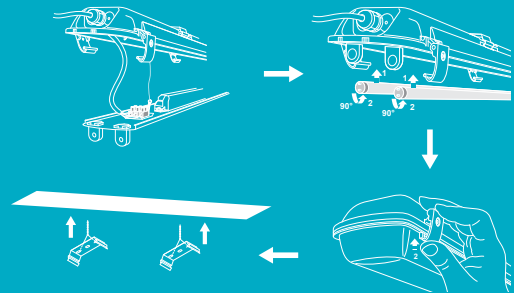
- One piece structural design in plastic extrusion profile with IP66 protection, MEGAMAN® DINO offers even stronger protection against water and dust than conventional T5 and T8 outdoor waterproof battens
- The through wire installation makes MEGAMAN® DINO perfect for use in car parks, warehouses, workshops, underground areas and other industrial applications

#### MEGAMAN® DINO



VS

#### Conventional Waterproof Batten



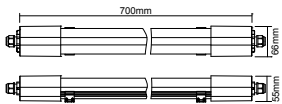
# MEGAMAN® DINO

## Integrated LED Waterproof Batten

F50000SM



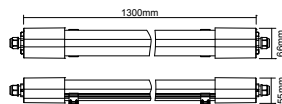
IP66 IK08  $\lambda >0.9$



F50100SMv1



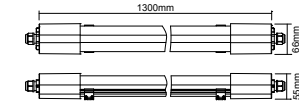
IP66 IK08  $\lambda >0.9$



F50100SM



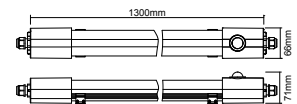
IP66 IK08  $\lambda >0.9$  High Output



F50200SM



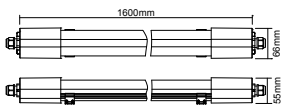
IP66 IK08  $\lambda >0.9$



F50300SMv1



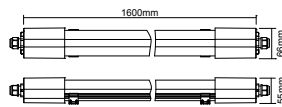
IP66 IK08  $\lambda >0.9$



F50300SM



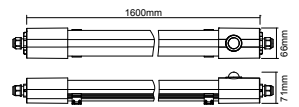
IP66 IK08  $\lambda >0.9$  High Output



F50400SM




IP66 IK08  $\lambda >0.9$



### 220-240V

 Silver (SV16)

Model No.	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Dimension (mm)	Colour Temp. [CRI]	Rated Life (hrs) L70, B50 at 25°C	Materials
F50000SM	19.5	1800	92	L700 x W66 x H55	4000K [ $>Ra80$ ]	50000	Polycarbonate
F50100SMv1	22.5	2350	104	L1300 x W66 x H55			
F50100SM	41.5	4300	104	L1300 x W66 x H55			
F50200SM	41.5	4300	104	L1300 x W66 x H71			
F50300SMv1	35	3600	103	L1600 x W66 x H55			
F50300SM	63	6500	103	L1600 x W66 x H55			
F50400SM	63	6500	103	L1600 x W66 x H71			

 With PIR sensor

MEGAMAN® DINO is not available in France, Germany, Switzerland, Belgium and Holland at the moment.

# MEGAMAN® LUSTER-LED

## High Bay LED Pendant Luminaire



50°C  
50000hrs

LED module with heat sink

LA3202 or LA3203 or LA3204

+

Reflector

LA3129 or LA3130

+

Cover (optional)

LA0105 or LA3205

4m  
150W Replacement

6m  
150W / 250W Replacement

9m  
250W Replacement

11m  
400W Replacement

# MEGAMAN® LUSTER-LED

## High Bay LED Pendant Luminaire

### LED Module for MEGAMAN® LUSTER-LED

**150W Metal Halide**  
Replacement Solution



**LA3202**  
65W

4000K IP65

**250W Metal Halide**  
Replacement Solution



**LA3203**  
110W

4000K IP65

**400W Metal Halide**  
Replacement Solution

NEW



**LA3204**  
210W

4000K IP65

#### Reflector for MEGAMAN® LUSTER-LED

**LA3129**  
Aluminium reflector



Cover for aluminium reflector (optional)



LA0105

**LA3130**  
Plastic reflector



Cover for plastic reflector (optional)



LA3205

**LA3202 + LA3129**

90° IP65 λ >0.9

**LA3203 + LA3129**

90° IP65 λ >0.9

**LA3204 + LA3129**

90° IP65 λ >0.9

**LA3202 + LA3130**

60° IP65 λ >0.9

**LA3203 + LA3130**

60° IP65 λ >0.9

**LA3204 + LA3130**

60° IP65 λ >0.9

#### 220-240V

Black (BK24)

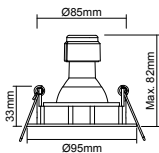
Model No. for LED Module + Reflector	Wattage (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Max. Luminous Intensity (cd)	Dimension (mm)	Colour Temp. [CRI]	Rated Life at L70, B50 at Ta25°C (hrs)	Materials	Reflector Colour	Model No. for Cover (optional)
LA3202 + LA3129	65	7200	111	4500	Ø240 x H275	4000K (>Ra80)	50000	Aluminium housing and reflector	Silver	LA0105
LA3202 + LA3130	65	7200	111	8500	Ø318 x H335			Aluminium housing and plastic reflector	Prismatic	LA3205
LA3203 + LA3129	110	11000	100	6500	Ø240 x H295			Aluminium housing and reflector	Silver	LA0105
LA3203 + LA3130	110	11000	100	12000	Ø318 x H355			Aluminium housing and plastic reflector	Prismatic	LA3205
NEW LA3204 + LA3129 <sup>1</sup>	210	21000	100	14000	Ø240 x H355			Aluminium housing and reflector	Silver	LA0105
NEW LA3204 + LA3130 <sup>1</sup>	210	21000	100	20000	Ø318 x H415			Aluminium housing and plastic reflector	Prismatic	LA3205

<sup>1</sup> Preliminary Data

# MEGAMAN® LUCCA

## Downlight

F31217RC



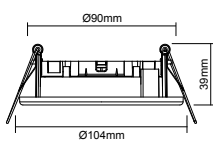
White (WH21)

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

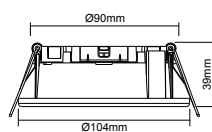
# MEGAMAN® PLANEX

## Downlight

L0504RC



F01018RC



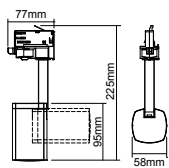
Model No.	Max. Wattage (W)	Dimension (mm)	Cut-Out (mm)	Light Source	Lamp Base	Materials	Colour
L0504RC	7	Ø104 x H39	Ø90	LED GX53	GX53	Polycarbonate	White (WH11)
F01018RC							Silver (SV22)

# MEGAMAN® MOSAIC

## Tracklight



F11517TK



Model No.	Max. Wattage (W)	Dimension (mm)	Light Source	Lamp Base	Materials
F11517TK	8	W58 x L77 x H225	LED PAR16	GU10	Polycarbonate



# Dim to Warm



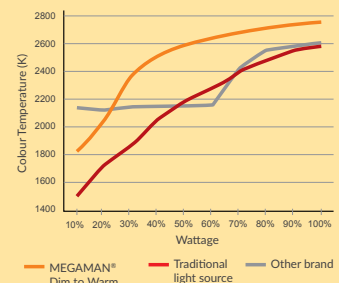
Improved dimming performance with the warmth of Halogen

## Product Features

- Emits a warmer light (1800K) when they are dimmed
- Simulates the characteristics of incandescent and halogen lamps
- Wide range of LED products for selection



MEGAMAN® Dim to Warm is the LED lamp that dims like traditional light sources. Moving through a wide colour temperature range of 2800K (2700K) to 1800K as the lamps dim from 100% to 10%, the close replication of the dimming curve of halogen and incandescent makes MEGAMAN® Dim to WARM a unique offering to the LED market.





# Dim to Warm



## LED Candle and Classic | 220-240V

Model No.	Lamp Base	Colour Temp. [CRI]	Wattage (W)	Total Luminous Flux (lm)	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable	Energy Label	Product Photo
LC1106wCS	E14	2700K-1800K [Ra80]	6	470	25000	40	106	100-10%	A+	1
LC1106wCS	E27		6	470		41	106			2
LG5206w	E14		6	470		45	80			3
LG5206w	E27		6	470		45	80			4
LG2207w	E27		7	470		55	104			5
LG2310.5w	E27		10.5	810		65	125			6

# Dim to Warm



1

## LED AR111 | 350mA (DC36V)

Model No.	Lamp Base	Colour Temp. [CRI]	Beam Angle (°)	Wattage (W)	Total Luminous Flux (lm)	Luminous Flux in 90° Cone (lm)	Max. Luminous Intensity (cd)	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable	Energy Label	Product Photo
ER3712w-75H24D	G53	2800K-1800K [Ra82]	24	12	850	750	5000	40000	111	58	100-1% <sup>1</sup>	A	1
ER3912w-75H45D			45				2000						

<sup>1</sup> Capable of linear dimming from 100% to 1% when connected to a LED constant current reduction converter with output current of 350mA and voltage DC 36V and DC1-10V dimmer. If the lamps are connected to a MEGAMAN® LED converter LD0214x1d-C350, the dimming range is 100% to 10%.



2

## LED MR16 | 350mA (DC18V)

Model No.	Lamp Base	Colour Temp. [CRI]	Beam Angle (°)	Wattage (W)	Total Luminous Flux (lm)	Luminous Flux in 90° Cone (lm)	Max. Luminous Intensity (cd)	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable	Energy Label	Product Photo
ER3306w-50H36D	GU5.3	2800K-1800K [Ra82]	36	6	500	330	1100	40000	50	45	100-1% <sup>2</sup>	A	2

<sup>2</sup> Capable of linear dimming from 100% to 1% when connected to a LED constant current reduction converter with output current of 350mA and voltage DC 18V and DC1-10V dimmer. If the lamps are connected to a MEGAMAN® LED converter LD0208x1d-C350, the dimming range is 100% to 10%.



3

## LED PAR16 | 220-240V

Model No.	Lamp Base	Colour Temp. [CRI]	Beam Angle (°)	Wattage (W)	Total Luminous Flux (lm)	Luminous Flux in 90° Cone (lm)	Max. Luminous Intensity (cd)	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable	Energy Label	Product Photo
LR5006wDG-WFL	GU10	2800K-1800K [Ra82]	35	6	400	280	480	25000	50	57	100-10%	A	3



## U-DIM™

Seamless dimming, compatible with widest range of existing dimmers

Over the years traditional light sources have required different types of dimmer depending on their technologies. The revolution that LED brings to lighting by replacing all types of conventional sources means a universal solution is required for LED to dim on all these existing circuits.



## Leading-Edge or Trailing-Edge? No need to worry

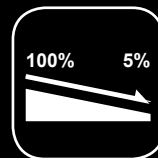
MEGAMAN® U-DIM™ (Universal Dimming) marks a breakthrough in dimming technology. It is a universal solution for replacing all types of conventional sources while being compatible with the widest possible range of existing Leading-edge and Trailing-edge dimmers. We provide more than a replacement with extra benefits including seamless dimming and an enhanced dimming range from 100% to 5%, even down to 1% for specific dimmers.



**Universal  
Dimming**



**Seamless  
dimming**



**Enhanced dim  
characteristic from  
100% down to 5%**



**Energy  
saving**

# PAR16 Halogen Ban

will be effective in September 2016

## No worries

MEGAMAN® LEDs can replace your halogen lamps in terms of aesthetics, high performance and dimming compatibility.

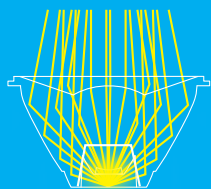


The following HALOGEN lamps will be phased out in Sept 2016 under Commission Registration (EC) No.1194/2012:  
MR11, MR16, high efficiency AR111, PAR16, PAR20, PAR30, PAR38, R50, R63 and R80

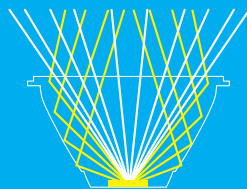
## Hybrid Reflector

Excellent Optics, Efficacy and Beam Control

MEGAMAN® Hybrid Reflector



Legacy Reflector



Hybrid Reflector perfectly replaces halogen reflector, but with far higher efficiency



U-DIM™

- Seamless Dimming
- Compatible with Widest Range of Existing Dimmers

U-DIM™ lamps take the headache out of switching to dimmable LED



# LED PAR16



220-240V

Model No.	Lamp Base	Colour Temp. [CRI]	Beam Angle (°)	Wattage (W)	Total Luminous Flux (lm)	Luminous Flux in 90° Cone (lm)	Max. Luminous Intensity (cd)	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable	Power Factor (λ)	Energy Label	Product Photo
NEW LR4605dLN-WFL <sup>1</sup>	GU10	2800K [Ra82]	40	5	360	315	600	25000	50	55	100-5%	>0.85	A+	1
NEW LR4605dLN-WFL <sup>1</sup>		4000K [Ra85]	40	5	360	315	600			55		>0.85		1
NEW LR4605.5dDG-WFL <sup>1</sup>		2800K [Ra82]	35	5.5	500	315	540			57		>0.85		2
NEW LR4605.5dDG-WFL <sup>1</sup>		4000K [Ra85]	35	5.5	500	315	540			57		>0.85		2
NEW LR4605.5dDG-WFL <sup>1</sup>		6500K [Ra85]	35	5.5	500	315	540			57		>0.85		2
NEW LR5907dHR-75H35D <sup>1</sup>		2800K [Ra82]	35	7	550	500	1400			57		>0.9		3
NEW LR5907dHR-75H35D <sup>1</sup>		4000K [Ra85]	35	7	550	500	1400			57		>0.9		3
NEW LR5907dHR-75H35D <sup>1</sup>		6500K [Ra85]	35	7	550	500	1400			57		>0.9		3

# LED MR11



AC 12V

Model No.	Lamp Base	Colour Temp. [CRI]	Beam Angle (°)	Wattage (W)	Total Luminous Flux (lm)	Luminous Flux in 90° Cone (lm)	Max. Luminous Intensity (cd)	Rated Life (hrs)	Diameter (mm)	Length (mm)	Energy Label	Product Photo
ER2304-20H36D	GU4	2800K [Ra80]	36	4	230	210	600	25000	35	42	A+	4
ER2304-20H36D		4000K [Ra80]										

<sup>1</sup> Preliminary Data

# LED R50



1

220-240V

Model No.	Lamp Base	Colour Temp. [CRI]	Beam Angle (°)	Wattage (W)	Total Luminous Flux (lm)	Luminous Flux in 90° Cone (lm)	Luminous Flux in 120° Cone (lm)	Max. Luminous Intensity (cd)	Rated Life (hrs)	Diameter (mm)	Length (mm)	Energy Label	Product Photo
LR2603.5-SWFL	E14	2800K [Ra80]	90	3.5	250	145	210	120	15000	50	87	A+	1

# LED R63



2

220-240V

Model No.	Lamp Base	Colour Temp. [CRI]	Beam Angle (°)	Wattage (W)	Total Luminous Flux (lm)	Luminous Flux in 90° Cone (lm)	Luminous Flux in 120° Cone (lm)	Max. Luminous Intensity (cd)	Rated Life (hrs)	Diameter (mm)	Length (mm)	Energy Label	Product Photo
LR2407.5-SWFL	E27	2800K [Ra80]	90	7.5	600	350	520	230	15000	63	103	A+	2

# LED R80



3

220-240V

Model No.	Lamp Base	Colour Temp. [CRI]	Beam Angle (°)	Wattage (W)	Total Luminous Flux (lm)	Luminous Flux in 90° Cone (lm)	Luminous Flux in 120° Cone (lm)	Max. Luminous Intensity (cd)	Rated Life (hrs)	Diameter (mm)	Length (mm)	Energy Label	Product Photo
LR4307-SWFL	E27	2800K [Ra80]	90	7	520	300	420	230	15000	78	112	A+	3

# LED CLASSIC

with 360° illumination



### Product Features

- Smooth and sleek finishing with all direction light emission
- Same classic look as the incandescent lamps
- Carrier free design

Same classic look as incandescent lamps

Capable of emitting light in all directions



220-240V





	Model No.	Lamp Base	Colour Temp. [CRI]	Wattage (W)	Total Luminous Flux (lm)	Rated Life (hrs)	Diameter (mm)	Length (mm)	Energy Label	Product Photo
NEW	LG7903	E14	2800K [Ra80]	3	250	15000	45	72	A++	1
NEW	LG8005.5	E27		5.5	470		60	108	A+	2
NEW	LG8008.5	E27		8.5	810		60	108	A+	2

Preliminary Data

# LED FILAMENT LAMP



220-240V

Model No.	Lamp Base	Colour Temp. [CRI]	Wattage (W)	Total Luminous Flux (lm)	Rated Life (hrs)	Diameter (mm)	Length (mm)	Dimmable	Energy Label	Product Photo
LG6603dGD 	E27	2200K [Ra80]	3	210	15000	58	152	100-10%	A+	1
LG6303dGD 						75	156			2
LG6403dGD 						95	159			3
LG6503dGD 						125	196			4

## LED G4



AC 12V

Model No.	Lamp Base	Colour Temp. [CRI]	Wattage (W)	Total Luminous Flux (lm)	Rated Life (hrs)	Diameter (mm)	Length (mm)	Energy Label	Product Photo
EU0401.8	G4	2800K [Ra80]	1.8	180	15000	10	37	A++	5

## LED G9




220-240V

Model No.	Lamp Base	Colour Temp. [CRI]	Wattage (W)	Total Luminous Flux (lm)	Rated Life (hrs)	Diameter (mm)	Length (mm)	Energy Label	Product Photo
LU0702	GU9	2800K [Ra80]	2	180	15000	19	43	A++	6

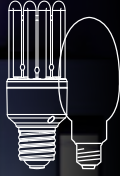
# LED CLUSTERLITE®

## LED CLUSTERLITE® VS CFL & Mercury Tungsten Blended Lamps



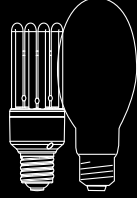
**27W LED CLUSTERLITE®**  
2800lm / A+

→ 40W CFL Replacement  
→ 120W Mercury Tungsten Blended Lamp Replacement



**35W LED CLUSTERLITE®**  
4160lm / A++

→ 60W CFL Replacement  
→ 180W Mercury Tungsten Blended Lamp Replacement



**33W LED CLUSTERLITE®**  
5000lm / A++

→ 80W CFL Replacement  
→ 250W Mercury Tungsten Blended Lamp Replacement

More Efficient  
152lm/W

**NEW** 1

### 220-240V

Model No.	Lamp Base	Colour Temp. [CRI]	Wattage (W)	Total Luminous Flux (lm)	Rated Life (hrs)	Diameter (mm)	Length (mm)	Energy Label	Product Photo
LH0127	E27	4000K [Ra80]	27	2800	25000	63	188	A+	1
LH0135			35	4160				A++	
<b>NEW</b> LH0133 <sup>1</sup>			33	5000				A++	

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).

# LED R7s



### 220-240V

Model No.	Lamp Base	Colour Temp. [CRI]	Wattage (W)	Total Luminous Flux (lm)	Rated Life (hrs)	Diameter (mm)	Length (mm)	Energy Label	Product Photo
<b>NEW</b> LJ0408 <sup>1</sup>	R7s	4000K [Ra80]	8	1000	25000	25	118	A++	2

The LED R7s LJ0408 can be used in outdoor floodlight with minimum volume of W120 x L160 x H80 (mm) at ambient temperature of 25°C, the estimated life time is 15,000 hours.

<sup>1</sup> Preliminary Data



31/F., AIA Kowloon Tower, Landmark East,  
100 How Ming Street, Kwun Tong, Kowloon, Hong Kong  
Tel: (852) 2305 1722  
Fax: (852) 2758 5957  
Email: [info@megaman.cc](mailto:info@megaman.cc)

[www.megaman.cc](http://www.megaman.cc)

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