

LED REFLECTORS

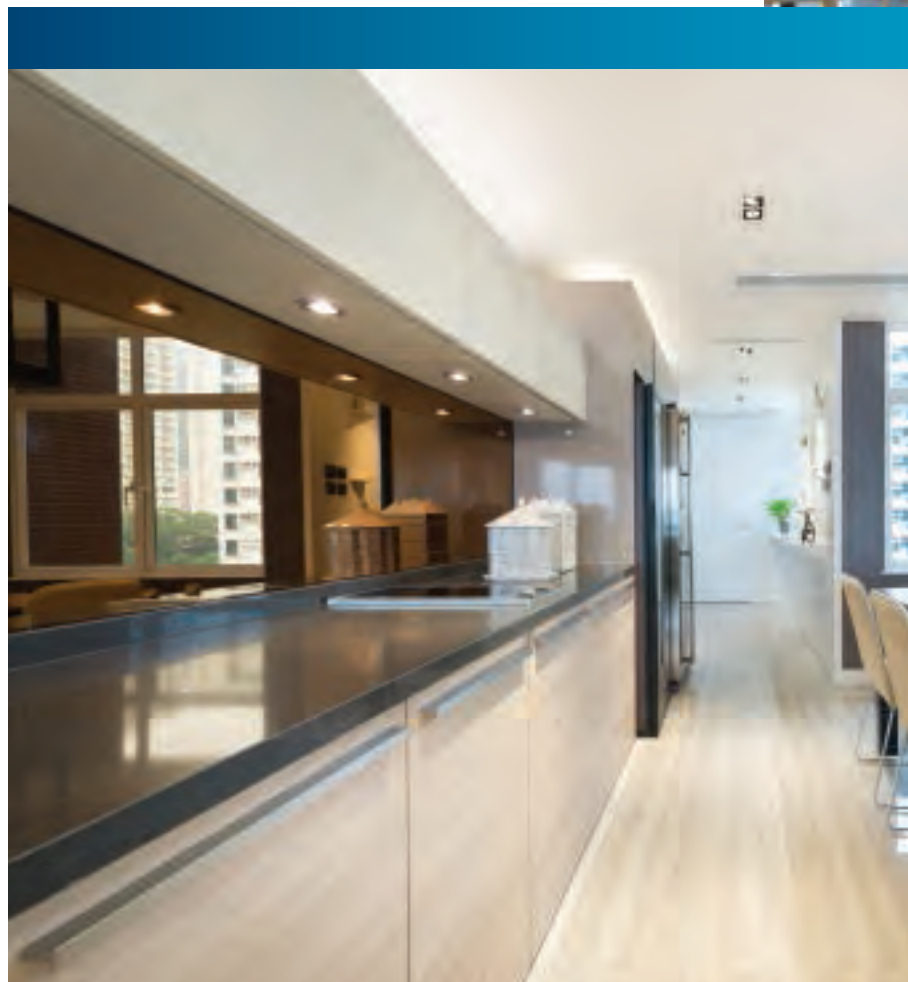
PAR16

LED PAR16's multiple beam angles best fit to multi-purpose lighting

Designed to replace the halogen PAR16, MEGAMAN® LED PAR16 reflector series shares the same compact profile as its halogen counterparts. Available in multiple beam angle options with superior lighting efficacy, the LED PAR16 series is a best fit to multi-purpose applications: be it accent lighting for display items or ambient lighting for a cosy look and feel. Its advanced features include:

Product Features

- A whole range of lamp models that replace 20W to 50W halogen lamps
- Excellent light output of up to 525lm with 7W power consumption only
- 100% to 10% linear dimming version available[#]
- Different beam angle options available to cater for various applications
- Excellent colour rendering of up to Ra85
- High luminous maintenance: rated lumen maintenance life of 70 (L70) at up to 50,000 hours
- High colour temperature consistency
- Save up to 86% energy
- Generates much less heat than a halogen lamp
- Operating temperature: -30°C to +40°C



[#] Please visit www.megaman.cc/user-guide for a list of compatible dimmers.



LED REFLECTORS PAR16



LED by
MEGAMAN®

Accent lighting



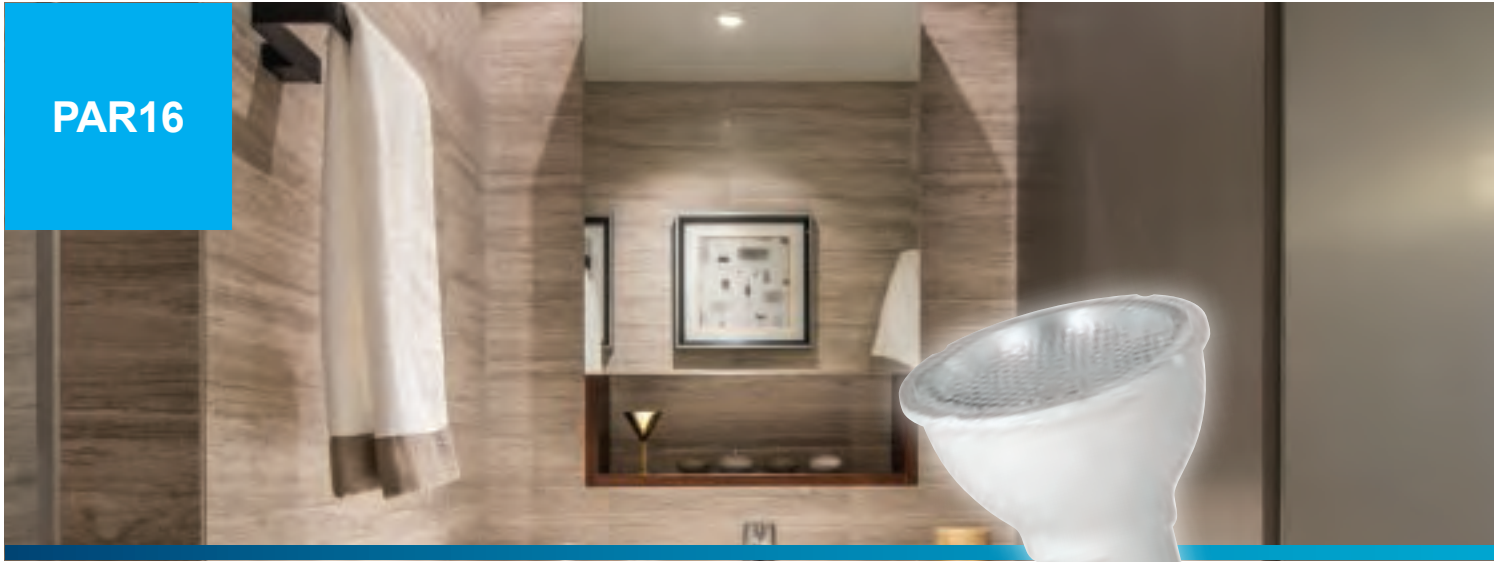
Accent lighting is used to illuminate focal points or key objects against the surrounding landscape. This adds to the drama, style or mood of a room by highlighting certain aspects of a room's decor. In accent lighting applications, the beam angle of the LED reflector is well controlled, allowing the lumens to be where they are wanted and with less glare. The colour and excitement you can add to your business with LED accent lighting can be a game changer. It's ideal for projects such as restaurant to create mood, or a retail shop for eye-catching window displays.

Ambient lighting

Ambient lighting is a uniform illumination to serve as background light in the room. In contrast to accent lighting, ambient lighting comes from all direction and has no visible source. In ambient lighting, the LED reflector spreads a predefined amount of illumination to deliver an even light distribution. Also known as general or overall lighting, it radiates a comfortable level of brightness without glare for people to perform general tasks. Having a general source of ambient light is fundamental to good interior designs. As its operating hours are usually longer, energy-saving LED lamps will be a smart choice.

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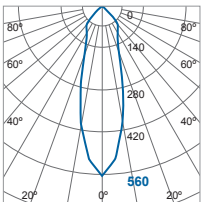


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Ambient Lighting 220-240V | Line Voltage

Product Code	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Luminous Flux (lm)	CRI	Rated Life (hrs)	Diameter (mm)	Length (mm)	Weight (g)	Energy Label	Product Photo
Economy Series											
LR2104DG-WFL-GU10-2800K-230V	4	560	WFL (35)	250	80	15000	50	57	32	A+	1
LR2104DG-WFL-GU10-4000K-230V	4	560	WFL (35)	250	80	15000	50	57	32	A+	1
LR2105DG-WFL-GU10-2800K-230V	5	480	WFL(40)	360	80	15000	50	57	33	A+	1
LR2105DG-WFL-GU10-4000K-230V	5	480	WFL(40)	360	80	15000	50	57	33	A+	1

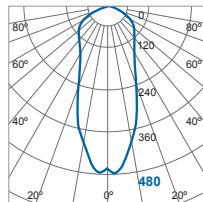
LR2104DG-WFL



m	Lux	Ø cm
0.5	2240	32
1	560	63
1.5	249	95
2	140	126

Beam angle = 35°

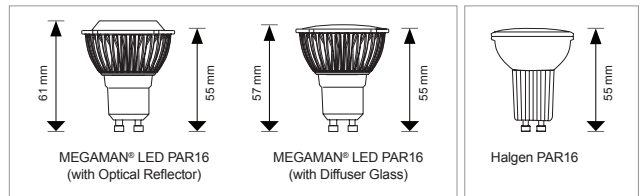
LR2105DG-WFL



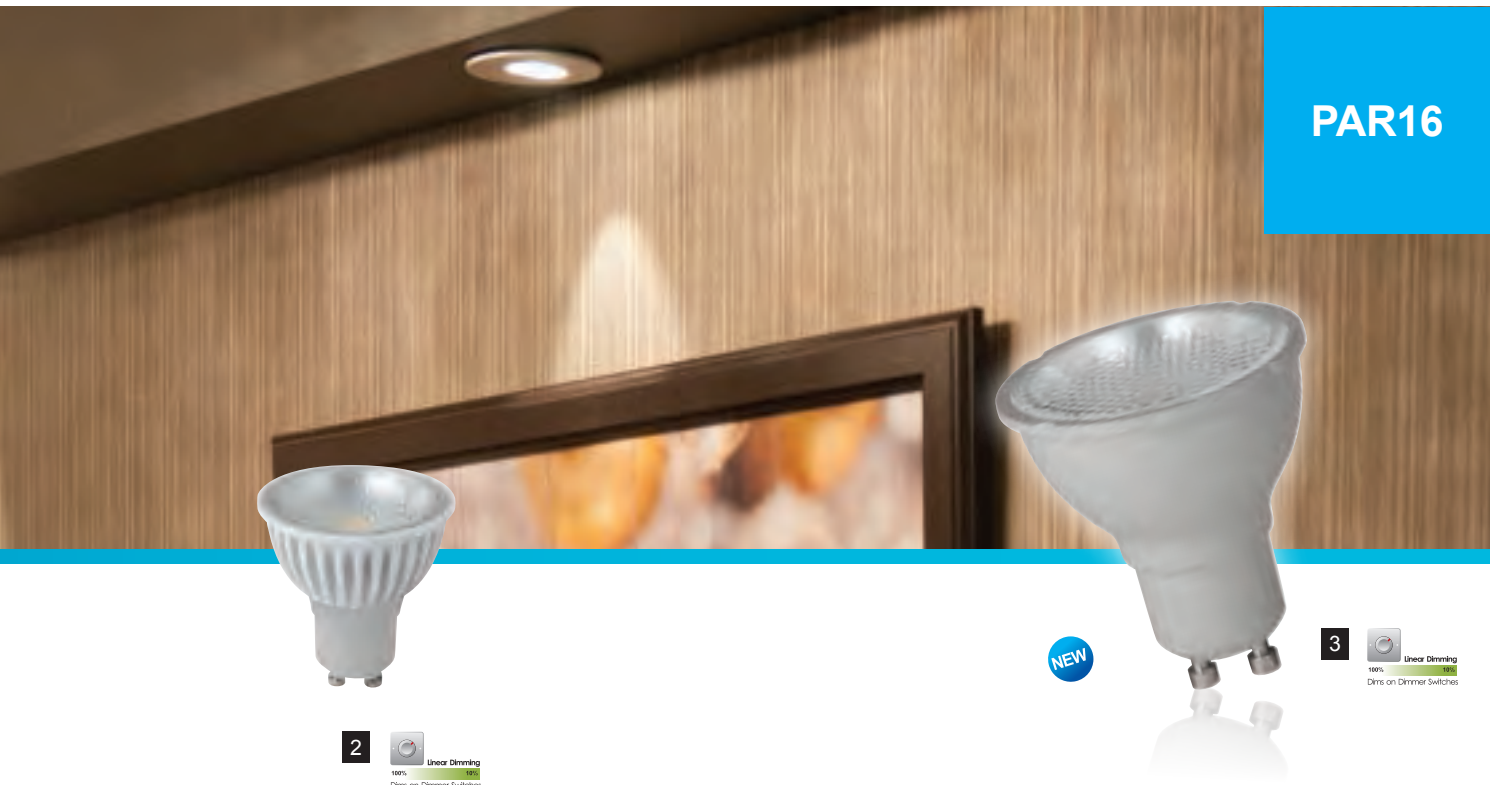
m	Lux	Ø cm
0.5	1920	36
1	480	73
1.5	213	109
2	120	146

Beam angle = 40°

True size replacement for PAR16



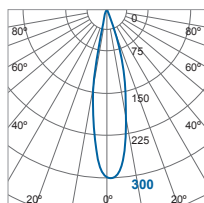
Very Wide Flood (VWFL) beam angle option is available; please contact us for details.



Ambient Lighting
220-240V | Line Voltage

Product Code	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Luminous Flux (lm)	CRI	Rated Life (hrs)	Diameter (mm)	Length (mm)	Weight (g)	Dimmable	Energy Label	Product Photo
Smart Series												
LR1204dDGv2-WFL-GU10-2800K-230V	4	300	WFL (35)	280	80	25000	50	57	47	100-10%#	A+	2
LR1204dDGv2-WFL-GU10-4000K-230V	4	300	WFL (35)	280	80	25000	50	57	47	100-10%#	A+	2
LR1204DGv2-WFL-GU10-2800K-230V	4	300	WFL (35)	320	80	25000	50	57	35	No	A++	2
LR1204DGv2-WFL-GU10-4000K-230V	4	300	WFL (35)	320	80	25000	50	57	35	No	A++	2
LR2106dDG-WFL-GU10-2800K-230V*	6	480	WFL (40)	360	80	25000	50	57	33	100-10%#	A+	3
LR2106dDG-WFL-GU10-4000K-230V*	6	480	WFL (40)	360	80	25000	50	57	33	100-10%#	A+	3

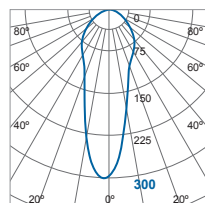
LR1204dDGv2-WFL



m	Lux	Ø cm
0.5	1200	32
1	300	63
1.5	133	95
2	75	126

Beam angle = 35°

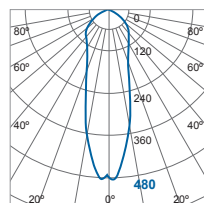
LR1204DGv2-WFL



m	Lux	Ø cm
0.5	1200	32
1	300	63
1.5	133	95
2	75	126

Beam angle = 35°

LR2106dDG-WFL



m	Lux	Ø cm
0.5	1920	36
1	480	73
1.5	213	109
2	120	146

Beam angle = 40°

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

* Preliminary data

Products for accent lighting and with Very Wide Flood (VWFL) beam angle are available, please contact us for details.

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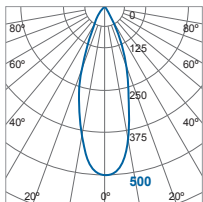
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Ambient Lighting 220-240V | Line Voltage

Product Code	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Luminous Flux (lm)	CRI	Rated Life (hrs)	Diameter (mm)	Length (mm)	Weight (g)	Dimmable	Energy Label	Product Photo
Smart Series												
LR1206dDGv2-WFL-GU10-2800K-230V	6	500	WFL (35)	410	80	25000	50	57	71	100-10%#	A+	1
LR1206dDGv2-WFL-GU10-4000K-230V	6	500	WFL (35)	410	80	25000	50	57	71	100-10%#	A+	1
LR2307dDG-WFL-GU10-2800K-230V	7	650	WFL (35)	500	82	25000	50	57	67	100-10%#	A+	2
LR2307dDG-WFL-GU10-4000K-230V	7	650	WFL (35)	500	85	25000	50	57	67	100-10%#	A+	2
LR2307DG-WFL-GU10-2800K-230V	7	650	WFL (35)	525	82	25000	50	57	65	No	A+	2
LR2307DG-WFL-GU10-4000K-230V	7	650	WFL (35)	525	85	25000	50	57	65	No	A+	2

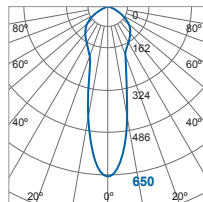
LR1206dDGv2-WFL



m	Lux	Ø cm
0.5	2000	32
1	500	63
1.5	222	95
2	125	126

Beam angle = 35°

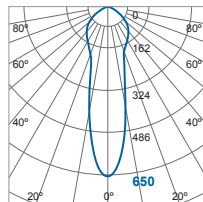
LR2307dDG-WFL



m	Lux	Ø cm
0.5	2600	32
1	650	63
1.5	289	95
2	163	126

Beam angle = 35°

LR2307DG-WFL



m	Lux	Ø cm
0.5	2600	32
1	650	63
1.5	289	95
2	163	126

Beam angle = 35°

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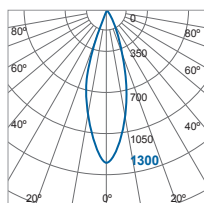


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Accent Lighting
220-240V | Line Voltage

Product Code	Wattage (W)	Max. Luminous Intensity (cd)	Beam Angle (°)	Luminous Flux (lm)	CRI	Rated Life (hrs)	Diameter (mm)	Length (mm)	Weight (g)	Dimmable	Energy Label	Product Photo
Professional Series												
LR1506-35H24D-GU10-2800K-230V	6	1300	24	300	82	25000	50	64	70	No	A	3
LR1506-35H24D-GU10-4000K-230V	6	1300	24	300	85	25000	50	64	70	No	A	3
LR1506-35H35D-GU10-2800K-230V	6	600	35	300	82	25000	50	64	70	No	A	3
LR1506-35H35D-GU10-4000K-230V	6	600	35	300	85	25000	50	64	70	No	A	3
LR2008d-50H24D-GU10-2800K-230V	8	2200	24	450	82	25000	50	70	98	100-10%#	A	4
LR2008d-50H24D-GU10-4000K-230V	8	2200	24	450	85	25000	50	70	98	100-10%#	A	4
LR2008d-50H35D-GU10-2800K-230V	8	1200	35	480	82	25000	50	70	107	100-10%#	A	4
LR2008d-50H35D-GU10-4000K-230V	8	1200	35	480	85	25000	50	70	107	100-10%#	A	4

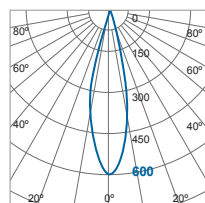
LR1506-35H24D



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

Beam angle = 24°

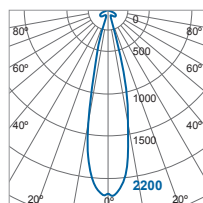
LR1506-35H35D



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

Beam angle = 35°

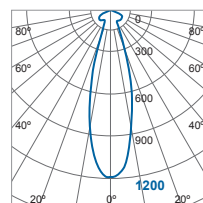
LR2008d-50H24D



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

Beam angle = 24°

LR2008d-50H35D



m	Lux	Ø cm
0.5	4800	32
1	1200	63
1.5	533	95
2	300	126

Beam angle = 35°

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