

PAR16 Glass

LED Reflector Lamps

LR6305.5dLN-WFL+036D+GU10+828+V0240

MEGAMAN®

PRODUCT DATASHEET

50W/5.5W GU10 36°D lm 2800K Ra≥ 80 Dimmable



PRODUCT FEATURES

- Perfectly designed as replacement for traditional halogen lamps which deliver a spot light to create the desired atmosphere
- Captivating appearance by all glass integrated design
- Offer perfect linear dimming which is compatible with most EU dimmers
- Enhance efficacy, beam control and excellent optics by Hybrid Reflector Technology
- Up to 92% instant energy saving compared to 50W halogen lamps

APPLICATIONS

- Art Galleries
- Display Cabinets
- Hotel Lobbies
- Residential Interiors
- Restaurants
- Shops



PAR16 Glass



LED Reflector Lamps

PRODUCT DATASHEET

LR6305.5dLN-WFL+036D+GU10+828+V0240

50W/5.5W GU10 36°D lm 2800K Ra \geq 80 Dimmable

GENERAL INFORMATION

Model Number	LR6305.5dLN-WFL
Product Code	LR6305.5dLN-WFL+036D+GU10+828+V0240
Cap Base	GU10
Dimmable	100-10%
Warm Up Time 60% of Full Light	instant
Starting Time	< 0.5 s
Working Temperature	-30°C to +45°C
Housing Colour	White
Cover Design	Optical Reflector
Flammability of Plastic Component	\geq V2
Series	PAR16 Glass

LIFE PERFORMANCE

Lifetime (L70 B50)	15000
Number of Switching Cycles	>100000

ELECTRICAL DATA

Input Voltage	220-240 VAC
Frequency	50 Hz
Power Factor	> 0.7
Equivalent Wattage	50 W
Power	5.5 W
Input Current	35 mA
Inrush Current	4.48 A
Inrush Duration	24.6 μ s
Max. No. of Lamp Connection on MCB (B10)	46
Max. No. of Lamp Connection on MCB (B16)	74
Max. No. of Lamp Connection on MCB (C10)	77
Max. No. of Lamp Connection on MCB (C16)	125

PHOTOMETRICAL INFORMATION

Luminous Flux	390 lm
Luminous Flux in 90° Cone	345 lm
Luminous Efficacy	71 lm/W
Colour Temperature	2800 K
Colour Consistency	SDCM \leq 6
CRI	\geq Ra80
Beam Angle	36°
Maximum Luminous Intensity	650 cd

PAR16 Glass



LED Reflector Lamps

PRODUCT DATASHEET

LR6305.5dLN-WFL+036D+GU10+828+V0240

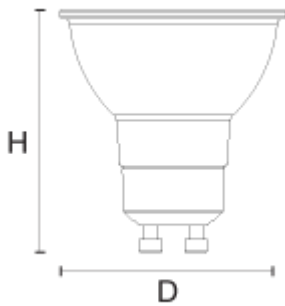
50W/5.5W GU10 36°D lm 2800K Ra \geq 80 Dimmable

Flickering	$\leq 3\%$ at 100Hz
SVM	≤ 0.4
P _{ST} LM	≤ 1.0
Chromaticity Coordinates (x and y)	PHOTOMETRICAL_INFORMATION.chromaticity_coordinates_xy

CERTIFICATES & STANDARDS

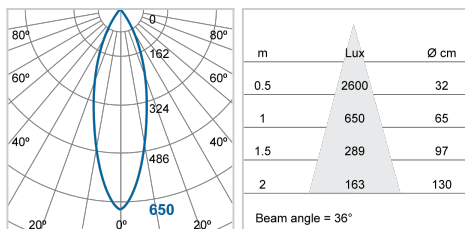
Weighted Energy Consumption	6
Energy Class	A+
Photobiological Safety Group	RG1
Approvals	CE, RoHS
Standards Compliance	IEC/EN 62560, IEC/EN 62493, IEC/EN 62471, ERP 1194, IEC 62612, IEC CISPR15, EN 55015, IEC/EN 61547, IEC/EN 61000-3-2, IEC/EN 61000-3-3

DIMENSIONS & WEIGHT



Height (H)	55 mm
Diameter (D)	50 mm
Weight	45 g

PHOTOMETRIC DIAGRAM



PAR16 Glass

LED Reflector Lamps

LR6305.5dLN-WFL+036D+GU10+828+V0240



PRODUCT DATASHEET

50W/5.5W GU10 36°D lm 2800K Ra≥ 80 Dimmable

LOGISTIC INFORMATION

MM Code	Packaging Unit	Outer Box Dimensions			Gross Weight per Outer Box
		L	W	H	
	pcs/unit	mm	mm	mm	kg
-	1	55	55	65	0.065
	60	301	250	242	4.29