

# PAR16 DTW

Dim-to-Warm

LR057050/dw/r9-HRv00-WF+GU10+930918+V0240

MEGAMAN®

PRODUCT DATASHEET



## PRODUCT FEATURES

- Dim-to-Warm technology improved dimming performance and options available to perfectly simulate the characteristics of incandescent and halogen lamps
- Offers perfect linear dimming which is compatible with most popular leading and trailing EU dimmers
- LED emit a warmer light when the lamps are dimmed from 100% to 5%
- Enhance efficacy, beam control and excellent optics by Hybrid Reflector Technology
- RichColour (CRI $\geq$  90) applies to all dim-to-warm lamps maximizing colour richness
- Up to 89% instant energy savings compared to traditional light bulbs
- Low maintenance costs thanks to extremely long lifetime up to 25,000 hours

## APPLICATIONS

- Art Galleries
- Hotels
- Residential Interiors
- Restaurants
- Showcase Displays



## GENERAL INFORMATION

Model Number	LR057050/dw/r9-HRv00-WF
Product Code	LR057050/dw/r9-HRv00-WF+GU10+930918+V0240
Cap Base	GU10
Dimmable	100-5%
Warm Up Time 60% of Full Light	Instant
Starting Time	< 0.5 s
Working Temperature	-30°C to +45°C
Housing Colour	Grey
Cover Design	Hybrid Reflector
Flammability of Plastic Component	≥ V2
Series	PAR16 DTW

## LIFE PERFORMANCE

Lifetime (L70 B50)	25000
Number of Switching Cycles	> 100000

## ELECTRICAL DATA

Input Voltage	220-240 VAC
Frequency	50/60 Hz
Power Factor	≥ 0.90
Displacement Factor	0.90
Equivalent Wattage	50 W
Power	5 W
Input Current	30 mA
Surge Protection	500

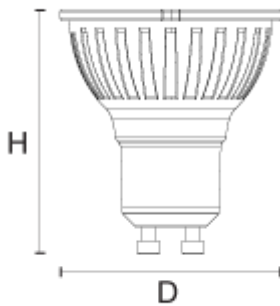
## PHOTOMETRICAL INFORMATION

Luminous Flux	410 lm
Luminous Flux in 90° Cone	345 lm
Luminous Efficacy	82 lm/W
Colour Temperature	3000-1800 K
Colour Consistency	6
CRI	Ra90
Beam Angle	36°
Maximum Luminous Intensity	680 cd
SVM	0.4
P <sub>ST</sub> LM	1.0
Chromaticity Coordinates (x and y)	PHOTOMETRICAL_INFORMATION.chromaticity_coordinates_xy

### CERTIFICATES & STANDARDS

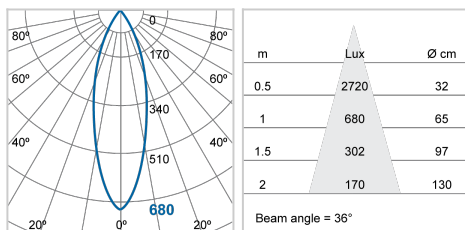
Weighted Energy Consumption	5
Energy Class	G
Photobiological Safety Group	RG1
Approvals	CE, RoHS
Standards Compliance	IEC/EN 62560, IEC/EN 62493, IEC/EN 62471, ErP 2019/2020, IEC 62612, IEC CISPR15, EN 55015, IEC/EN 61547, IEC/EN 61000-3-2, IEC/EN 61000-3-3

### DIMENSIONS & WEIGHT



Width (W)	50 mm
Height (H)	55 mm
Diameter (D)	50 mm
Weight	33 g

### PHOTOMETRIC DIAGRAM



## LOGISTIC INFORMATION

MM Code	Packaging Unit	Outer Box Dimensions			Gross Weight per Outer Box
		L	W	H	
	pcs/unit	mm	mm	mm	kg
711177/MM11177	1	51	51	65	0.052
	60	281	234	242	3.51