

PRODUCT DATASHEET

LED CCT SELECTABLE MR16 38 ° 6 W/3000 K/4500 K/6500 K GU5.3

LED PERFORMANCE SPOT MR16 TRI CCT | Low-voltage LED reflector lamps MR16 with retrofit pin base



Areas of application

- All domestic rooms, especially where the lamps are visible
- Outdoor applications only in suitable luminaires
- Direct and indirect lighting

Product benefits

- TRI Colour 3000K/4500K/6500K
- LED lamps with innovative TruWave Technology™
- Support sleep/wake cycle thanks mimic of the natural light spectrum
- The balanced blue light spectrum can support attention, reaction time and mood
- Low energy consumption

Product features

- Color rendering index $R_a \geq 80$
- Lifetime: up to 15,000 h
- Mercury-free lamps



TECHNICAL DATA

Electrical data

Nominal wattage	6 W
Construction wattage	6.00 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	40 W
Nominal current	710 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	> 0.50

Photometrical data

Luminous flux	480 lm
Nominal useful luminous flux 90°	480 lm
Luminous efficacy	80 lm/W
Lumen main.fact.at end of nom.life time	0.70
Color temperature	3000 K/4500 K/6500 K
Color rendering index Ra	> 80
Light color	830/845/865
Standard deviation of color matching	≤ 6 sdcM

Light technical data

Beam angle	38 °
Starting time	< 0.5 s

Dimensions & Weight

Overall length	55.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	40.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Lifespan

Number of switching cycles	100000
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Additional product data

Base (standard designation)	GU5.3
Mercury content	0.0 mg

Capabilities

Dimmable	No
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Certificates & Standards

Type of protection	IP20
Standards	CB
Photobiological safety group acc. to EN62778	RG1




Country-specific categorizations

Order reference	LPMR165038 6W/8
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU5.3
Length	55.00 mm
Height	50.00 mm
Width	50.00 mm

DOWNLOAD DATA

Photometric and lighting design files	
	IES file (IES)
	LDT file (Eulumdat)
	LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854082269	Folding box 1	52 mm x 52 mm x 60 mm	57.00 g	0.16 dm ³
4099854082276	Shipping box 10	276 mm x 115 mm x 77 mm	630.00 g	2.44 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.