

# PRODUCT DATASHEET

## LED CCT SELECTABLE PAR16 50 ° 6 W/3000 K / 4500 K / 6500 K GU10

LED PERFORMANCE SPOT PAR16 TRI CCT | LED reflector lamps PAR16 and TruWave



### Areas of application

- Hospitality
- Restaurants
- Residential interiors
- Museums, art galleries

### 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	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	45 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor $\lambda$	> 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 sdc <sub>m</sub>

Light technical data

Beam angle	50 °
Starting time	< 0.5 s

Dimensions & Weight

Overall length	60.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	40.00 g

## Temperatures &amp; 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)	GU10
Mercury content	0.0 mg

## Capabilities

Dimmable	No
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## Certificates &amp; Standards

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




## Country-specific categorizations

Order reference	LPPAR1635506W/8
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## Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU10
Length	60.00 mm
Height	50.00 mm
Width	50.00 mm

## DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	PAR16 6W 3000K
	LDT file (Eulumdat)	PAR16 6W 3000K
	Light distribution curve type polar	PAR16 6W 3000K

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854082221	Folding box 1	52 mm x 52 mm x 65 mm	57.00 g	0.18 dm <sup>3</sup>
4099854082238	Shipping box 10	276 mm x 115 mm x 82 mm	630.00 g	2.60 dm <sup>3</sup>

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.