OSRAM

PRODUCT DATASHEET
LED ECO PAR 16 36 ° 5 W/6500 K GU10

LED ECO PAR16 | LED reflector lamps PAR16 with retrofit pin base

Areas of application

– Hospitality
– Restaurants
– Residential interiors

Product benefits

– Uniform illumination thanks to TIR-reflector and fly eye single optic design
– Clear cast shadows for brilliant accent light
– Energy savings of up to 93 % (compared to halogen lamps)
– High color homogeneity
– Easy replacement of halogen lamps thanks to compact design
– Quick and simple LED conversion without modification of the existing installtion
– No UV and near-IR radiation in the light beam
– Reliable operation thanks to brand quality

Product features

– High-quality LED replacement for halogen reflector lamps
– High color consistency: < 6 SDCM
– Mercury-free lamps

TECHNICAL DATA

Electrical data

Nominal wattage	5 W
Construction wattage	5.00 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	50 W
Nominal current	42 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	0.50

Photometrical data

Luminous flux	400 lm
Nominal useful luminous flux 90°	370 lm
Luminous efficacy	80 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Daylight
Color temperature	6500 K
Color rendering index Ra	≥80
Light color	865
Standard deviation of color matching	≤6 sdcm

Light technical data

Beam angle	36 °
Starting time	< 0.5 s

Dimensions & Weight

Overall length	54.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	27.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C

Lifespan

Number of switching cycles	50000
Lumen maintenance at end of service lifetime	0.70

Additional product data

Base (standard designation)	GU10
Mercury content	0.0 mg

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	A+
Type of protection	IP20
Standards	CB / ROHS
Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations

Order reference	LEPAR165036 5W/

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU10
Length	54.00 mm
Height	50.00 mm
Width	50.00 mm

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075747630	Folding box 3	136 mm x 51 mm x 61 mm	94.00 g	0.42 dm^3
4058075747647	Shipping box 15	265 mm x 150 mm x 80 mm	1193.00 g	3.18 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.