OSRAM

PRODUCT DATASHEET
LED ECO PAR16 120 ° 4.5 W/3000 K GU10

LED Eco PAR16 120° | 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 90 % (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: ≤ 5 sdcm
– Mercury-free lamps
– Lifetime up to 15,000 h

TECHNICAL DATA

Electrical data

Nominal wattage	4.5 W
Construction wattage	4.50 W
Nominal voltage	220…240 V
Operating mode	AC
Claimed equiv. conventional lamp power	50 W
Nominal current	49 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz

Photometrical data

Luminous intensity	210 cd
Luminous flux	460 lm
Luminous efficacy	102 lm/W
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	80
Light color	830

Light technical data

Beam angle	120 °

Dimensions & Weight

Overall length	54.00 mm
Diameter	50.00 mm
Product weight	20.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+45 °C

Lifespan

Number of switching cycles	100000

Additional product data

Base (standard designation)	GU10

Mercury-free	Yes
Design / version	Frosted

Capabilities

Dimmable	No

Certificates & Standards

Type of protection	IP20

Country-specific categorizations

Order reference	LEPR16501204,5W

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
R9 Colour rendering index	80
Displacement factor	>0.7

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854515934	Folding box 1	53 mm x 53 mm x 62 mm	31.00 g	0.17 dm^3
4099854515941	Shipping box 10	274 mm x 114 mm x 73 mm	790.00 g	2.28 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.