OSRAM 〇 OSRAM

PRODUCT DATASHEET
LED VALUE PAR 16 50 24 ° 4.5 W/2700 K GU10

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

Areas of application

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

Product benefits

– Attractive lamp appearance
– Easy replacement of halogen lamps due to compact full glass design and single optic
– Clear cast shadows for brilliant accent light
– Uniform illumination thanks to TIR-reflector and fly eye single optic design
– Energy savings of up to 91 % (compared to halogen lamps)
– High color consistency thanks to narrow binning
– No UV and near-IR radiation in the light beam
– Reliable operation thanks to brand quality

Product features

– Lamp made of glass
– High color consistency: < 6 SDCM
– Input voltage: 220…240 V_{AC}

– Lifetime up to 15,000 h
– Not dimmable
– Mercury-free lamps

TECHNICAL DATA

Electrical data

Nominal wattage	4.5 W
Construction wattage	4.50 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	50 W
Nominal current	41 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	0.50

Photometrical data

Luminous intensity	1300 cd
Luminous flux	440 lm
Luminous efficacy	97 lm/W
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated peak intensity	1300 cd

Light technical data

Beam angle	24 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	52.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	39.8 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C

Lifespan

Number of switching cycles	100000

Additional product data

Base (standard designation)	GU10
Mercury content	0.0 mg
Mercury-free	Yes
Product remark	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	G [1]
Type of protection	IP20
Standards	CB / EMC / RoHS

[1] Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Country-specific categorizations

Order reference	LVPAR165024 4,5

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU10
Length	52.00 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
4058075588417	Folding box 1	49 mm x 49 mm x 62 mm	46.80 g	0.15 dm^3
4058075588424	Shipping box 10	255 mm x 107 mm x 72 mm	533.00 g	1.96 dm^3
4099854263095	Shipping box 10	255 mm x 107 mm x 72 mm	521.00 g	1.96 dm^3

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume

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.