PRODUCT DATASHEET
SST PAR 16 50 36 ° 6.5 W/2700 K GU10

LED STAR+ PAR16 | LED reflector lamps PAR16 with retrofit pin base

Areas of application

- Spotlighting for accents
- Display cabinets and shop windows
- Retail outlets and exhibition rooms
- Spotlighting heat-sensitive objects such as food, plants, etc.
- Outdoor use in outdoor luminaires only (minimum IP65)
- Hospitality
- Shops

Product benefits

- Ideal for economical spotlighting
- Alternative to line-voltage halogen lamps
- Very low energy consumption
- Extremely long life
- No UV and near-IR radiation in the light beam
- Shockproof and vibration-proof thanks to LED technology
- Efficient generation of white light
- Professional thermal management
- HD light quality for realistic color rendering effect

Product features

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Base: GU10
- Mercury-free lamps

- Lifetime up to 40,000 h
- HD light quality for very good, powerful colors and brilliant contrasts

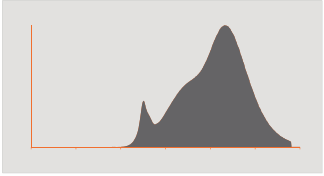
TECHNICAL DATA

Electrical data

Nominal wattage	6.5 W
Construction wattage	6.50 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	50 W
Nominal current	35 mA
Type of current	AC
Inrush current	0.74 A
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Max. lamp number on MCB B10 A	344
Max. lamp number on MCB B16 A	551
Power factor λ	> 0.50

Photometrical data

Luminous intensity	880 cd
Luminous flux	350 lm
Nominal useful luminous flux 90°	350 lm
Luminous efficacy	53 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	97
Light color	927
Standard deviation of color matching	≤3 sdcm
Rated peak intensity	880 cd
Rated LLMF at 6,000 h	0.80



OS GW P9LT31.CM 10 C 2700K

Light technical data

Beam angle	36 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	55.00 mm
Diameter	51.00 mm
Maximum diameter	51 mm
Product weight	48.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	81 °C

Lifespan

Number of switching cycles	1000000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

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	Yes

Certificates & Standards

Energy efficiency class	A [1)]
Energy consumption	7.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC

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

Country-specific categorizations

ILCOS	DRPAR-6,1/927-220-240-GU10-50/36
Order reference	LSPAR16D50366,5

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU10
Length	55.00 mm
Height	51.00 mm
Width	51.00 mm

DOWNLOAD DATA

	Photometric and lighting design files	Document name
	Spectral power distribution	OS GW P9LT31.CM 10 C 2700K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075035553	Blister 1	50 mm x 140 mm x 120 mm	60.00 g	0.84 dm^3
4058075035560	Shipping box 10	290 mm x 254 mm x 134 mm	860.00 g	9.87 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.

References / Links

- For dimming conformity see www.ledvance.com/dim
- For further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
- For Guarantee see www.ledvance.com/guarantee

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