

PRODUCT DATASHEET

BASE PAR 16 50 36° 4.3 W/4000K GU10

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



AREAS OF APPLICATION

- Spotlighting for accents
- Domestic applications
- Spotlighting heat-sensitive objects such as food, plants, etc.
- Outdoor applications only in suitable luminaires
- As a downlight for marking walkways, doors, stairs, etc.
- Atmospheric accent lighting throughout the home
- All domestic rooms, especially where the lamps are visible

PRODUCT BENEFITS

- Ideal for economical spotlighting
- Alternative to line-voltage halogen lamps
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Shockproof and vibration-proof thanks to LED technology
- Professional thermal management

PRODUCT FEATURES

- LED lamps for line voltage
- Not dimmable
- Base: GU10
- Mercury-free lamps



TECHNICAL DATA

Electrical data

Rated wattage	4.30 W
Nominal wattage	4.30 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	50 W
Max. lamp no. on circuit break. 10 A (B)	303
Max. lamp no. on circuit break. 16 A (B)	484
Operating frequency	50...60 Hz
Power factor λ	> 0.40

Photometrical data

Nominal luminous flux	350 lm
Rated luminous flux	350 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Luminous flux	350 lm
Color rendering index Ra	≥ 80
Standard deviation of color matching	≤ 6 sdc _m
Rated color temperature	4000 K
Color rendering index Ra	≥ 80
Nominal useful luminous flux 90°	350 lm
Rated useful luminous flux 90°	350 lm
Rated peak intensity	130 cd
Nom. useful luminous flux 120°	350 lm
Rated useful luminous flux 120°	350 lm

Light technical data

Beam angle	36 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Nominal beam angle	120 °
Rated beam angle (half peak value)	120.00 °

Dimensions & weight



Overall length	55.0 mm
Diameter	51.0 mm
Outer bulb	PAR51
Length	55.0 mm
Maximum diameter	51.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	87 °C

Lifespan

Nominal lamp life time	10000 h
Rated lamp life time	10000 h
Number of switching cycles	100000

Additional product data

Base (standard designation)	GU10
Mercury content	0.0 mg
Mercury-free	Yes
Show WEEE picto	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
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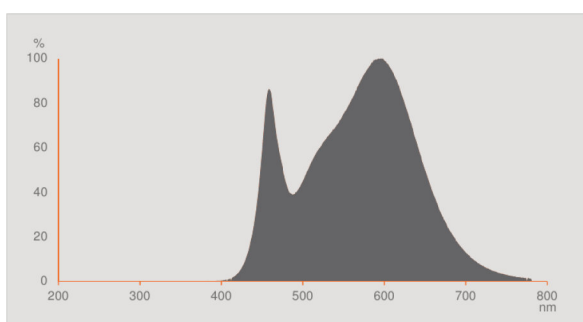
Certificates & standards

Energy efficiency class	A+
Energy consumption	5 kWh/1000h

Country-specific categorizations

ILCOS	DRPAR-4,3/840-220-240-GU10-50/36
Order reference	BASPAR165036 4,

Light Distribution



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075036703	Folding carton box 10	132 mm x 132 mm x 153 mm	504.00 g	2.67 dm ³
4058075036710	Shipping carton box 50	673 mm x 142 mm x 137 mm	2688.00 g	13.09 dm ³
4058075466555	Folding carton box 5	52 mm x 186 mm x 57 mm	252.00 g	0.55 dm ³
4058075466562	Shipping carton box 50	382 mm x 268 mm x 72 mm	2679.00 g	7.37 dm ³
4058075818415	Folding carton box 3	51 mm x 122 mm x 92 mm	154.00 g	0.57 dm ³
4058075818422	Shipping carton box 30	264 mm x 251 mm x 71 mm	1718.00 g	4.70 dm ³

4058075820173	Blister 3	50 mm x 140 mm x 185 mm	151.00 g	1.30 dm ³
4058075820180	Shipping carton box 30	506 mm x 148 mm x 199 mm	1713.00 g	14.90 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.