

PRODUCT DATASHEET

BASE PAR 16 50 36 ° 4.3 W/2700 K 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 use in suitable outdoor luminaires only
- 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

Nominal wattage	4.3 W
Construction wattage	4.30 W
Nominal voltage	220...240 V
Operating mode	AC
Claimed equiv. conventional lamp power	50 W
Nominal current	35 mA
Type of current	AC
Inrush current	9.5 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	303
Max. lamp no. on circuit break. 16 A (B)	484
Power factor λ	> 0.40

Photometrical data

Luminous intensity	720 cd
Luminous flux	350 lm
Nominal useful luminous flux 90°	350 lm
Luminous efficacy	81 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	≥80
Light color	827
Standard deviation of color matching	≤6 sdcn
Rated peak intensity	720 cd
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



Light technical data

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

Dimensions & Weight

Overall length	53.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	40.00 g

Temperatures & operating conditions

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

Lifespan

Lifespan L70/B50 at 25 °C	10000 h
Number of switching cycles	100000
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

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	F 1)
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Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

Order reference	BASPAR1650364,3
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Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	DLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	GU10
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	Yes
Length	53.00 mm
Height	50.00 mm
Width	50.00 mm
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.410
Beam angle correspondence	NARROW_CONE_90
Survival factor	0.50
Displacement factor	0.53
LED light source replaces a fluorescent light source	No
EPREL ID	734481
Model number	AC35471

DOWNLOAD DATA

Documents and certificates



Declarations Of Conformity CE

Photometric and lighting design files



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075674493	Folding box 5	52 mm x 186 mm x 57 mm	227.00 g	0.55 dm ³
4058075674509	Shipping box 50	382 mm x 268 mm x 72 mm	2429.00 g	7.37 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.