

PRODUCT DATASHEET LED PAR16 50 36° 4.3W 840 GU10

BELLALUX® PAR16 | LED reflector lamps PAR16 with retrofit pin base



Areas of application

- Shops
- Hospitality
- Museums, art galleries
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Spotlighting for accents
- Outdoor applications only in suitable luminaires

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of halogen lamps due to compact full glass design and single optic
- Instant 100 % light, no warm-up time
- Ideal for economical spotlighting

Product features

- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index R_a : ≥ 80
- Mercury-free lamps





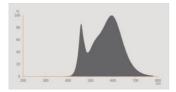
TECHNICAL DATA

Electrical data

Nominal wattage	4.3 W
Construction wattage	4.30 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	50 W
Nominal current	38 mA
Type of current	AC
Inrush current	7 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	41
Max. lamp number on MCB B16 A	52
Total harmonic distortion	150 %
Power factor λ	> 0.40

Photometrical data

600 cd
350 lm
350 lm
81 lm/W
0.93
Cool White
4000 K
80
840
≤6 sdcm
600 cd
0.80
≤1
≤0.4



Everlight 67-23ST KKE 4000K

Light technical data

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

Dimensions & Weight

Overall length	54.00 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	90 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93
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	No
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Certificates & Standards

Energy efficiency class	F 1)
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

ILCOS	DRPAR-4,3/840-220-240-GU10-50/36
Order reference	LEDPAR165036 4,

LOGISTICAL DATA

Temperature range at storage	-20+80 °C
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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
Standby power	0 W
Claim of equivalent power	Yes

Length	54.00 mm
Height	50.00 mm
Width	50.00 mm
Chromaticity coordinate x	0.382
Chromaticity coordinate y	0.380
R9 Colour rendering index	8
Beam angle correspondence	NARROW_CONE_90
Survival factor	0.90
Displacement factor	20.4
LED light source replaces a fluorescent light source	No
EPREL ID	1402941,522945,1368227
Model number	AC32705,AC45697

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

DOWNLOAD DATA

	Documents and certificates	Document name	
PDF	Declarations of conformity	PAR16 and GX53	
	Photometric and lighting design files	Document name	



Spectral power distribution

Everlight 67-23ST KKE 4000K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075112803	Folding box 1	49 mm x 49 mm x 95 mm	50.00 g	0.23 dm ³
4058075617605	Shipping box	168 mm x 111 mm x 71 mm	375.00 g	1.32 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.