PRODUCT DATASHEET
VALUE PAR 16 80 6.9 W/6500 K GU10

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



Areas of application

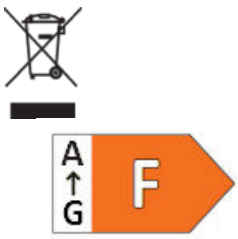
- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product benefits

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

Product features

- LED alternative to high voltage halogen lamps
- Not dimmable
- Base: GU10
- Good quality of light; color rendering index CRI ≥ 80



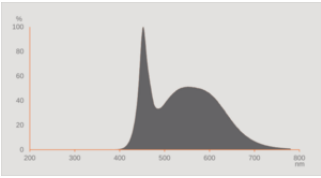
TECHNICAL DATA

Electrical data

Nominal wattage	6.9 W
Construction wattage	6.90 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	80 W
Nominal current	43 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Maximum total harmonic distortion	< 180 %
Power factor λ	> 0.50

Photometrical data

Luminous intensity	835 cd
Luminous flux	625 lm
Luminous efficacy	90 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Cool Daylight
Color temperature	6500 K
Color rendering index Ra	80
Light color	865
Standard deviation of color matching	≤6 sdcm
Rated peak intensity	835 cd
Flickering metric (Pst LM)	1
Stroboscope effect metric (SVM)	≤0.4



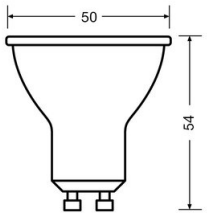
LISO spectral power distribution 6500K CRI80 v1

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Light technical data

Beam angle	36 °
Starting time	< 0.5 s

Dimensions & Weight



Overall length	54.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	20.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

Additional product data

Base (standard designation)	GU10
Mercury content	0.0 mg

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	F
Type of protection	IP20
Standards	CE / EAC / UKCA

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Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations

Order reference	LVPR168036 6,9W

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	0.00 W
Networked standby power for CLS	0.00 W
Claim of equivalent power	Yes
Length	54.00 mm
Height	50.00 mm
Width	50.00 mm
Chromaticity coordinate x	0.3123
Chromaticity coordinate y	0,3283
R9 Colour rendering index	>0
Beam angle correspondence	NARROW_CONE_90
Survival factor	0.9
Displacement factor	>0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1160449,2008230,2492038
Model number	AC40953,AC62682,AC90862

Safety advice

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

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DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	PAR16 35 NON-DIM
PDF	Declarations of conformity UKCA	PAR16 35 NON-DIM

	Photometric and lighting design files	Document name
	Spectral power distribution	LISO spectral power distribution 6500K CRI80 v1

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075766570	Folding box 1	51 mm x 51 mm x 60 mm	31.00 g	0.16 dm^3
4058075766587	Shipping box 10	270 mm x 112 mm x 70 mm	390.00 g	2.12 dm^3
4058075766594	Shipping box 80	470 mm x 285 mm x 160 mm	3620.00 g	21.43 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.

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