PRODUCT DATASHEET
LED PAR16 35 36° DIM S 3.4W 927 GU10

LED PAR16 DIM S | LED reflector lamps



SUPERIOR CLASS

Areas of application

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

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
- Stepless dimming
- Very high dimmer compatibility, see also www.ledvance.com/dim
- Instant 100 % light, no warm-up time

Product features

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 3 SDCM
- Dimmable
- Base: GU10
- Lamp made of glass
- Excellent color rendering (R_a: 97)





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- Lifetime: up to 40,000 h

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TECHNICAL DATA

Electrical data

Nominal wattage	3.4 W
Construction wattage	3.40 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	35 W
Nominal current	17 mA
Type of current	AC
Inrush current	0.9 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	285
Max. lamp no. on circuit break. 16 A (B)	457
Total harmonic distortion	120 %
Power factor λ	> 0.70

Photometrical data

Luminous intensity	400 cd
Luminous flux	230 lm
Nominal useful luminous flux 90°	230 lm
Luminous efficacy	67 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	400 cd
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4

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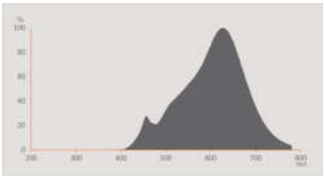

Light technical data

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

Dimensions & Weight



Overall length	52.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	38.00 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	40000 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

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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 [1)]

1) Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

Energy efficiency class	G [1)]
Energy consumption	4.00 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	LED PAR163536 D

LOGISTICAL DATA

Temperature range at storage	-20...+80 °C

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

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Networked standby power for CLS	0 W
Claim of equivalent power	Yes
Length	52.00 mm
Height	50.00 mm
Width	50.00 mm
Chromaticity coordinate x	0.,4532
Chromaticity coordinate y	0.4014
R9 Colour rendering index	0.00
Beam angle correspondence	NARROW_CONE_90
Survival factor	0.90
Displacement factor	0.70
LED light source replaces a fluorescent light source	No
EPREL ID	1368303,1842018
Model number	AC45730,AC58031

DOWNLOAD DATA

	Documents and certificates
PDF	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
4099854059810	Folding box 1	49 mm x 49 mm x 62 mm	47.00 g	0.15 dm^3
4099854059827	Shipping box 10	255 mm x 107 mm x 72 mm	520.00 g	1.96 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 Guarantee see www.ledvance.com/guarantee

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