

PRODUCT DATASHEET

P PAR16 GLdim 50 36 ° 4.5 W/2700 K GU10

PARATHOM® PAR16 GLOWdim | LED reflector lamps PAR16 with GLOWdim effect



Areas of application

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

Product benefits

- Always fitting light atmosphere by changing light color from warm white to extra warm white with dimming
- 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
- 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
- Dimmable
- Base: GU10



- Lamp made of glass
- Good quality of light; color rendering index $R_a \geq 80$
- Lifetime: up to 15,000 h

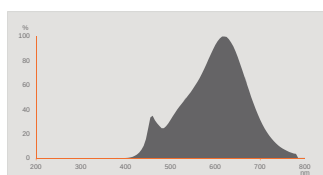
TECHNICAL DATA

Electrical data

Nominal wattage	4.5 W
Construction wattage	4.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	50 W
Nominal current	23 mA
Type of current	AC
Inrush current	18 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	20
Max. lamp no. on circuit break. 16 A (B)	30
Power factor λ	> 0.80

Photometrical data

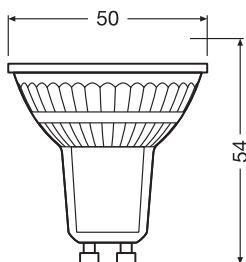
Luminous intensity	750 cd
Luminous flux	350 lm
Nominal useful luminous flux 90°	350 lm
Luminous efficacy	77 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcn
Rated peak intensity	750 cd
Rated LLMF at 6,000 h	0.80



Light technical data

Beam angle	36 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	36.00 °

Dimensions & Weight



Overall length	54.00 mm
Length	54.00 mm
Width (incl. round luminaires)	50.00 mm
Height (incl. round luminaires)	50.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	45.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	70 °C

Lifespan

Nominal lamp life time	25000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 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	Yes
----------	-----

Certificates & Standards

Energy efficiency class	A+ ¹⁾
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / CB / EAC
Photobiological safety group acc. to EN62778	RG0

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




Country-specific categorizations

Order reference	LPPAR16GLD50 4,
-----------------	-----------------

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU10
Correlated colour temperature type	SINGLE_VALUE

DOWNLOAD DATA

DOWNLOAD DATA	
	PRODUCT DATASHEET P PAR16 GLdim 50 36 4.6 W 2700K GU10
	IES file (IES) AC08774_PAR16 GLD50 4,6W 230V GU10
	LDT file (Eulumdat) AC08774_PAR16 GLD50 4,6W 230V GU10

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
--------------	------------------------------	--------------------------------------	--------------	--------

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075105379	Folding box 1	49 mm x 49 mm x 62 mm	52.00 g	0.15 dm ³
4058075105386	Shipping box 10	255 mm x 107 mm x 72 mm	589.00 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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.