PRODUCT DATASHEET
LED PFM PAR16 10 ° 7.5 W/2700 K GU10

LED PERFORMANCE PAR16 | LED reflector lamps PAR16 with retrofit pin base

Areas of application

– Hospitality
– Restaurants
– Residential interiors
– Museums, art galleries

Product benefits

– Attractive lamp appearance
– Easy replacement of halogen lamps due to compact full glass design and single optic
– Good quality of light
– Creation of the preferred light ambience thanks to dimming
– Very high dimmer compatibility, see also www.ledvance.com/dim
– Very low energy consumption
– No UV and near-IR radiation in the light beam
– Reliable operation thanks to brand quality

Product features

– Single optic design
– Input voltage: 220…240 V_{AC}
– Mercury-free lamps
– Lifetime up to 25,000 h
– High color consistency: ≤ 6 SDCM

TECHNICAL DATA

Electrical data

Nominal wattage	7.5 W
Construction wattage	7.50 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	50 W
Nominal current	46 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	0.70

Photometrical data

Luminous intensity	4000 cd
Luminous flux	500 lm
Nominal useful luminous flux 90°	420 lm
Luminous efficacy	66 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	90
Light color	927
Standard deviation of color matching	≤5 sdcm
Rated peak intensity	4000 cd

Light technical data

Beam angle	10 °
Starting time	0.5 s

Dimensions & Weight

Overall length	55.00 mm

Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	57.5 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C

Lifespan

Number of switching cycles	≥100000
Lumen maintenance at end of service lifetime	0.70

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]
Type of protection	IP20
Standards	CB / EMC / RoHS

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

Country-specific categorizations

Order reference	LPPAR165010 7,5

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU10
Length	55.00 mm
Height	50.00 mm
Width	50.00 mm

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075601697	Folding box 1	49 mm x 49 mm x 62 mm	64.50 g	0.15 dm^3
4058075601703	Shipping box 10	255 mm x 107 mm x 72 mm	698.00 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.