

product_datasheet_title

LED PAR 16 50 36° DIM 4.5W 940 GU10

PARATHOM® DIM PAR16 | Dimmable LED reflector lamps PAR16 with retrofit pin base



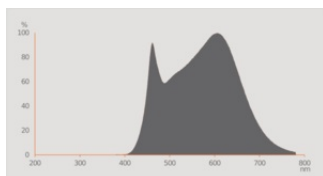
technical_data

ELECTRICAL DATA

Nominal wattage	4.5 W
Construction wattage	4.50 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	50 W
Nominal current	27 mA
Type of current	AC
Inrush current	1 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	80
Max. lamp number on MCB B16 A	130
Power factor λ	0.70

PHOTOMETRICAL DATA

Luminous intensity	690 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)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥90
Light color	940
Standard deviation of color matching	≤5 sdcn
Rated peak intensity	690 cd
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



Everlight 67-23ST HKE 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	51.00 mm
Maximum diameter	51 mm
Product weight	41.00 g

TEMPERATURES & OPERATING CONDITIONS

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	87 °C

LIFESPAN

Lifespan L70/B50 at 25 °C	15000 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
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](https://www.ledvance.com/compatibility)

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

Order reference	LPPAR16D5036 4,
-----------------	-----------------

Energy labelling regulation data

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 W
Claim of equivalent power	Yes
Length	54.00 mm
Height	51.00 mm
Width	51.00 mm
Chromaticity coordinate x	0.378
Chromaticity coordinate y	0.369
R9 Colour rendering index	0.00
Beam angle correspondence	NARROW_CONE_90

Survival factor	0.50
Displacement factor	0.70
LED light source replaces a fluorescent light source	no
EPREL ID	522954
Model number	AC33738

download_data

Documents and certificates		document_name
	Declarations Of Conformity CE	
Photometric and lighting design files		document_name
	Spectral power distribution	Everlight 67-23ST HKE 4000K

logistical_data

product_code	packaging_unit	dimensions	weight	volume
4058075608238	Folding box 5	52 mm x 186 mm x 57 mm	217.00 g	0.55 dm³
4058075608245	Shipping box 50	382 mm x 268 mm x 72 mm	2329.00 g	7.37 dm³

logistical_data_text

disclaimer_title

disclaimer_text