

# PRODUCT DATASHEET LED PAR 1650 36° DIM P 4.8W 927 E14

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



#### 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
- Lower energy consumption than incandescent or halogen lamps

#### **Product features**

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 5 sdcm
- Dimmable
- Lamp made of glass
- Very high color rendering CRI > 90





# TECHNICAL DATA

# Electrical data

Nominal wattage	4.8 W
Construction wattage	4.80 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	50 W
Nominal current	28 mA
Type of current	AC
Inrush current	1.17 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	285
Max. lamp number on MCB B16 A	457
Power factor λ	> 0.50

## Photometrical data

Luminous intensity	600 cd
Luminous flux	350 lm
Nominal useful luminous flux 90°	350 lm
Luminous efficacy	72 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	≤6 sdcm
Rated peak intensity	600 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 2700K

# Light technical data

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

# Dimensions & Weight

Overall length	73.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	44.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	95 °C

# Lifespan

Lifespan L70/B50 at 25 °C	25000 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)	E14
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

Envelope

High luminance light source

Claim of equivalent power

Dimmable	Yes

## 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

<sup>1)</sup> 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 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)	E14	
Connected light source (CLS)	No	
Color-tuneable light source	No	

No

No

Yes

Anti-glare shield	No

Correlated colour temperature type	SINGLE_VALUE

Length	73.00 mm
Height	50.00 mm

Width	50.00 mm

Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410

Officiality Cooldinate y	0.410
R9 Colour rendering index	1

Beam angle correspondence	NARROW CONE 90

Survival factor 0.90
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LED light source replaces a fluorescent light source	Yes

EPREL ID	522920

Model number	AC32684
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## Safety advice

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

### **DOWNLOAD DATA**

	Documents and certificates	Document name	
Declarations of conformity		LED PAR16 M2 50 lamp	
	Photometric and lighting design files	Document name	
	Spectral power distribution	Everlight 67-23ST HKE 2700K	

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075607699	Folding box 1	51 mm x 51 mm x 88 mm	56.00 g	0.23 dm <sup>3</sup>
4058075607705	Shipping box 10	267 mm x 111 mm x 102 mm	628.00 g	3.02 dm <sup>3</sup>

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 further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
- For Guarantee see www.ledvance.com/guarantee

## **DISCLAIMER**

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