PRODUCT DATASHEET
LED PAR20 50 36° DIM P 6.4W 927 E27

LED PAR20 DIM P | Dimmable LED reflector lamps PAR20 with retrofit screw base



PERFOR-
MANCE
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
- Lower energy consumption than incandescent or halogen lamps

Product features

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Dimmable
- Base: E27
- Lamp made of glass
- Very high color rendering CRI > 90
- Lifetime up to 25,000 h





TECHNICAL DATA

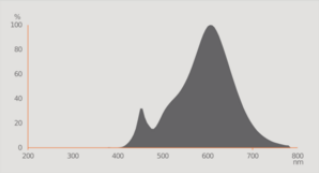
Electrical data

Nominal wattage	6.4 W
Construction wattage	6.40 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	50 W
Nominal current	39 mA
Type of current	AC
Inrush current	8.5 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	70
Max. lamp number on MCB B16 A	88
Maximum total harmonic distortion	≤ 130 %
Power factor λ	≥ 0.40

Photometrical data

Luminous intensity	750 cd
Luminous flux	350 lm
Nominal useful luminous flux 90°	350 lm
Luminous efficacy	54 lm/W
Lumen main.fact.at end of nom.life time	0.96
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	750 cd
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

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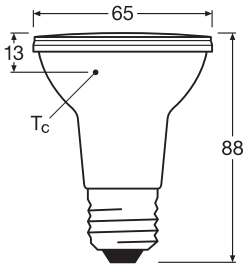


Everlight 67-23ST HKE 2700K

Light technical data

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

Dimensions & Weight



Overall length	88.00 mm
Diameter	65.00 mm
Maximum diameter	65 mm
Product weight	80.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	74.2 °C

Lifespan

Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.96

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Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Spot
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	7.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / UKCA
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 PAR205036 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)	E27
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No

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Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W
Claim of equivalent power	Yes
Length	88.00 mm
Height	65.00 mm
Width	65.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	1
Beam angle correspondence	NARROW_CONE_90
Survival factor	0.90
Displacement factor	> 0.5
LED light source replaces a fluorescent light source	No
EPREL ID	522919,2176417,2366006
Model number	AC32688,AC70572,AC84507

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
PDF	Declarations of conformity	LED PAR M2 lamp
PDF	Declarations of conformity	LED PAR20 PAR38 E27
PDF	Declarations of conformity	LED lamp PAR
PDF	Declarations of conformity UKCA	LED PAR20 PAR38 E27
PDF	Declarations of conformity UKCA	LED lamp PAR

	Photometric and lighting design files	Document name
IES	IES file (IES)	LED PAR205036 DIM 6.4W 927 E27 P LEDV

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	Photometric and lighting design files	Document name
	LDT file (Eulumdat)	LED PAR205036 DIM 6.4W 927 E27 P LEDV
	UGR file (UGR table)	LED PAR205036 DIM 6.4W 927 E27 P LEDV
	Light distribution curve type polar	LED PAR205036 DIM 6.4W 927 E27 P LEDV
	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
4099854071133	Folding box 1	66 mm x 66 mm x 92 mm	97.00 g	0.40 dm^3
4099854071140	Shipping box 6	210 mm x 142 mm x 106 mm	647.00 g	3.16 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 further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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