PRODUCT DATASHEET
LED VALUE CLAS P 60 6.5W/2700K E27

LED VALUE CLASSIC P | LED lamps, classic mini-ball shape



VALUE CLASS

Areas of application

- General illumination
- Domestic applications
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Simple direct replacement for conventional incandescent lamps
- Instant 100 % light, no warm-up time

Product features

- LED alternative to conventional lamps
- Not dimmable
- Good color rendering CRI ≥ 80 and color stability throughout the life of the lamp



TECHNICAL DATA

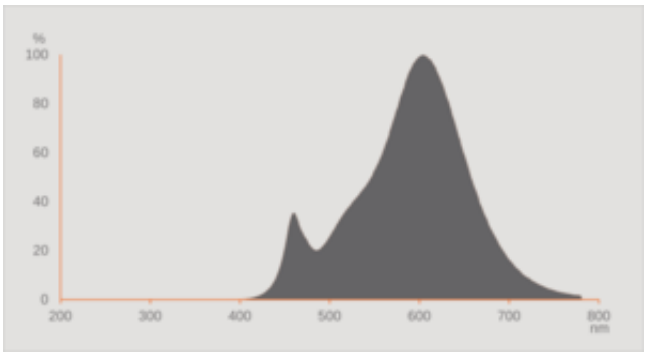
Electrical data

Nominal wattage	6.5 W
Construction wattage	6.50 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	43 mA
Type of current	AC
Inrush current	6.5 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	34
Max. lamp number on MCB B16 A	42
Maximum total harmonic distortion	105 %
Power factor λ	> 0.50

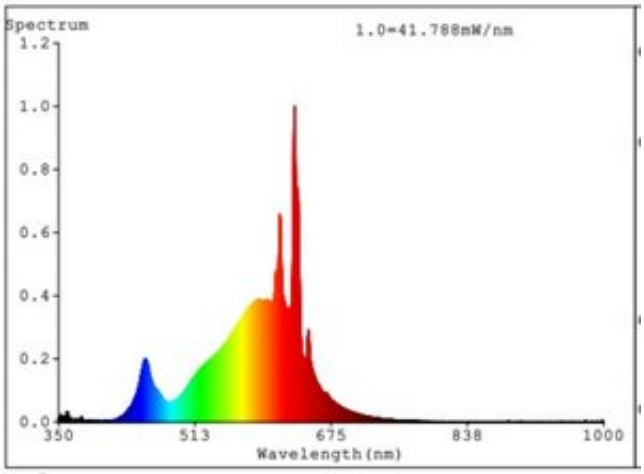
Photometrical data

Luminous flux	806 lm
Luminous efficacy	124 lm/W
Lumen main.fact.at end of nom.life time	0.90
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

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LISO spectral power distribution 2700K CRI80 v1

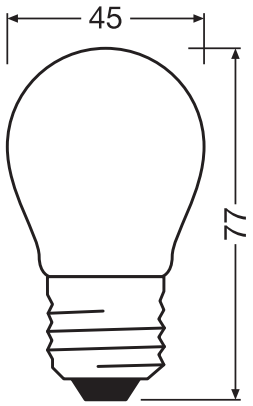


VALUE CLP60 6,5W 827

Light technical data

Beam angle	160 °
Starting time	< 0.5 s

Dimensions & Weight



Overall length	80.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm
Product weight	21.00 g

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Temperatures & operating conditions

Ambient temperature range	-20…+40 °C

Lifespan

Lifespan L70/B50 at 25 °C	10000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.90

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted
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	No

Certificates & Standards

Energy efficiency class	E [1)]
Energy consumption	7.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / 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	VALUECLP60 6,5W

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	NDLS

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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
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0.00 W
Networked standby power for CLS	0.00 W
Claim of equivalent power	Yes
Length	80.00 mm
Height	45.00 mm
Width	45.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	>0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1857030,2567467
Model number	AC56005,AC94508,AC94508,AC56005

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 Lamp
PDF	Declarations of conformity UKCA	LED Lamp

	Photometric and lighting design files	Document name
	Spectral power distribution	LISO spectral power distribution 2700K CRI80 v1

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	Photometric and lighting design files	Document name
	Spectral power distribution	VALUE CLP60 6,5W 827

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854546921	Folding box 1	46 mm x 46 mm	30.00 g	
4099854959714	Shipping box 10	245 mm x 104 mm x 96 mm	357.00 g	2.45 dm^3
4099854546938	Shipping box 10	245 mm x 104 mm x 96 mm	356.00 g	2.45 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.

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