

## PRODUCT DATASHEET

### LED MOSQUITO CLA60 60 8 W/2700 K E27

LED MOSQUITO REPELENTE DUAL LIGHT | Consumer LED Lamps with added function



#### Areas of application

- Domestic applications
- General illumination
- Restaurants
- Commercial applications
- Residential interiors
- Offices

#### Product benefits

- Easy installation
- Instant 100 % light, no warm-up time
- Fits in existing lighting systems without upgrades or adjustments

#### Product features

- Base: E27
- Mercury-free lamps
- Anti mosquito



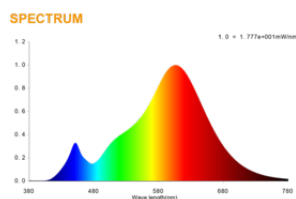
## TECHNICAL DATA

### Electrical data

Nominal wattage	8 W
Construction wattage	8.00 W
Nominal voltage	220...240 _ V
Claimed equiv. conventional lamp power	60 W
Nominal current	42 mA
Type of current	AC
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	120
Total harmonic distortion	< 120 %
Power factor $\lambda$	$\geq 0.70$

### Photometrical data

Luminous intensity	120 cd
Luminous flux	840 lm
Nominal useful luminous flux 90°	840 lm
Luminous efficacy	105 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	80
Light color	827
Standard deviation of color matching	$\leq 6$ sdc
Rated peak intensity	120 cd
Flickering metric (Pst LM)	0,167
Stroboscope effect metric (SVM)	0,649



EPREL data spectral diagram PROF  
LEDr 2700K

### Light technical data

Beam angle	220 °
Warm-up time (60 %)	< 1.00 s
Starting time	< 0.5 s

### Dimensions & Weight

Overall length	110.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	40.00 g

### Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	<108 °C

### Lifespan

Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70

### Additional product data

Base (standard designation)	E27
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
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### Capabilities

Dimmable	No
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### Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	8.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

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

### Country-specific categorizations

Order reference	LCLA60 MOSQ 8W/
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### LOGISTICAL DATA


Temperature range at storage	-20...+80 °C
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### Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
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	110.00 mm

Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0,4586
Chromaticity coordinate y	0,4102
R9 Colour rendering index	2
Beam angle correspondence	WIDE_CONE_120
Survival factor	0,9
Displacement factor	0,9
LED light source replaces a fluorescent light source	No
EPREL ID	1139305,1225375
Model number	AC36324,AC42663

**DOWNLOAD DATA**

Photometric and lighting design files	Document name
 Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075592193	Folding box 1	61 mm x 61 mm x 118 mm	56.00 g	0.44 dm <sup>3</sup>
4058075592209	Shipping box 12	378 mm x 134 mm x 130 mm	796.00 g	6.58 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.

**DISCLAIMER**

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