

PRODUCT DATASHEET

ST CLAS A 45 6.5 W/4000 K E27

LED STAR CLASSIC A FOR LOW VOLTAGE | LED lamps, classic bulb shape



Areas of application

- Battery power system without main connection
- Camping, Camper, Garden house
- Outdoor applications only in suitable luminaires

Product benefits

- Fit for off-grid use
- Low energy consumption

Product features

- LED lamp for low voltage power system (AC/DC 12V-36V)
- Mercury-free lamps



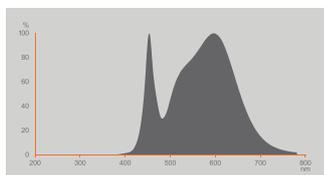
TECHNICAL DATA

Electrical data

Nominal wattage	6.5 W
Construction wattage	6.50 W
Nominal voltage	12...36 V
Claimed equiv. conventional lamp power	45 W
Nominal current	750 mA
Type of current	AC/DC
Max. lamp no. on circuit break. 10 A (B)	not applicable
Max. lamp no. on circuit break. 16 A (B)	not applicable
Total harmonic distortion	< 150 %
Power factor λ	< 0.50

Photometrical data

Luminous flux	600 lm
Nominal useful luminous flux 90°	600 lm
Luminous efficacy	92 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	≥80
Light color	840
Standard deviation of color matching	≤6 sdcn
Flickering metric (Pst LM)	≤ 1
Stroboscope effect metric (SVM)	≤0,4



Light technical data

Beam angle	170 °
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Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	170.00 °

Dimensions & Weight

Overall length	118.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	37.00 g

Temperatures & operating conditions

Ambient temperature range	-20...40 °C
Maximum temperature at tc test point	58 °C

Lifespan

Lifespan	20000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Design / version	Frosted

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	F
Energy consumption	7.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

Country-specific categorizations

Order reference	LEDSCLA45 6,5W/
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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	NMLS
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 W
Claim of equivalent power	Yes
Length	118.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0,3818
Chromaticity coordinate y	0,3797
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0,9
Displacement factor	≥0,5
LED light source replaces a fluorescent light source	No
EPREL ID	1162270
Model number	AC41514

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075757608	Folding box 1	60 mm x 60 mm x 162 mm	53.00 g	0.58 dm ³
4058075757615	Shipping box 6	208 mm x 135 mm x 137 mm	415.00 g	3.85 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.

