

PRODUCT DATASHEET

ST PLUS GLOW DIM CLAS B 40 GLOWdim 4 W/2200...2700 K E14

LED SUPERSTAR CLASSIC B GLOWdim | LED lamps with GLOWdim effect, classic candle shape



Areas of application

- Hospitality
- Historical buildings
- Residential interiors
- Marine lighting
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Provides an especially warm light when dimmed down
- Directly controllable via standard dimmer, no remote control required
- Can be easily combined with other GLOWdim products in one application
- Very long lifetime of up to 25,000 h
- Low energy consumption
- Easy relamping thanks to compact design

Product features

- LED alternative to conventional lamps
- Dimming changes light color from warm white (2,700 K) to extra warm white (2,200 K)
- Good quality of light; color rendering index $R_a \geq 80$
- Dimmable
- Mercury-free lamps



TECHNICAL DATA

Electrical data

Nominal wattage	4 W
Construction wattage	4.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	25 mA
Type of current	AC
Inrush current	0.2 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	320
Max. lamp no. on circuit break. 16 A (B)	512
Power factor λ	≥ 0.40

Photometrical data

Luminous flux	470 lm
Luminous efficacy	117 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Tunable Warm White
Color temperature	2200...2700 K
Color rendering index Ra	80
Light color	822...827
Standard deviation of color matching	≤ 6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	≤ 1.0
Stroboscope effect metric (SVM)	≤ 0.4



Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	300.00 °

Dimensions & Weight



Overall length	97.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	13.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	60 °C

Lifespan

Lifespan	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.93
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
Design / version	Clear
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
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Certificates & Standards

Energy efficiency class	E ¹⁾
Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE / ERP / ROHS / REACH / 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

ILCOS	DRBB/C-5-827-220-240-E14-35
Order reference	LEDSCLB40GD 4W/

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)	E14
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	RANGE
Claim of equivalent power	Yes
Length	97.00 mm
Height	35.00 mm
Width	35.00 mm
Chromaticity coordinate x	0.502-0.463
Chromaticity coordinate y	0.415-0.420
R9 Colour rendering index	>0
Beam angle correspondence	SPHERE_360
Survival factor	0.90

LED light source replaces a fluorescent light source	No
EPREL ID	1402907,523223,1358099
Model number	AC32281,AC44594,AC02154

DOWNLOAD DATA

Documents and certificates



Declarations Of Conformity CE

Photometric and lighting design files



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075435490	Folding box 1	36 mm x 49 mm x 145 mm	25.00 g	0.26 dm ³
4058075435506	Shipping box 4	109 mm x 89 mm x 118 mm	160.00 g	1.14 dm ³
4058075454866	Shipping box 32	236 mm x 196 mm x 265 mm	1428.00 g	12.26 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.