

# PRODUCT DATASHEET

## ST PLUS GLOW DIM CLAS A 60 CL 6.5 W/2200...2700 K E27

LED CLASSIC A GLOWdim | LED lamps with GLOWdim effect, classic bulb shape



### Areas of application

- Perfect for decorative installations
- Hospitality
- Historical buildings
- Residential interiors
- Marine lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

### Product benefits

- Provides an especially warm light when dimmed down
- Directly controllable via standard dimmer, no remote control required
- Clear lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Long lifetime of up to 15,000 h
- Low energy consumption
- Lower thermal output (compared with the standard reference product)
- Instant 100 % light, no warm-up time

### 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	6.5 W
Construction wattage	6.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	42 mA
Type of current	AC
Inrush current	0.46 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	3461
Max. lamp no. on circuit break. 16 A (B)	5538
Power factor $\lambda$	> 0.70

### Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	124 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Tunable Warm White
Color temperature	2200...2700 K
Color rendering index Ra	≥80
Light color	822
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.9

### 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	105.00 mm
Length	105.00 mm
Width (incl. round luminaires)	60.00 mm
Height (incl. round luminaires)	60.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	31.00 g

### Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	65 °C

### Lifespan

Nominal lamp life time	15000 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
Mercury-free	Yes
Design / version	Clear
Product remark	Dimmable (with many common dimmers, see also <a href="http://www.ledvance.com/dim">www.ledvance.com/dim</a> ) / 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	7.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC

Photobiological safety group acc. to EN62778	RG0
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1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)


### Country-specific categorizations

ILCOS	DRAA/C-7/827-220/240-E27-60
Order reference	LEDSCLA60GD 6,5

### 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	RANGE
Claim of equivalent power	Yes
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420
Beam angle	SPHERE_360
Survival factor	0.90
Displacement factor	0.50
LED light source replaces a fluorescent light source	not applicable

### DOWNLOAD DATA

DOWNLOAD DATA	
	PRODUCT DATASHEET LED STAR+ CL A GLDFIL 60 GLOWdim 7W/827 E27

### DISCLAIMER

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