

## PRODUCT DATASHEET

# LED Superstar Plus Classic P 40 Filament Glow DIM 4W 822...827 E14

LED SUPERSTAR CLASSIC P GLOWdim | LED lamps with GLOWdim effect, classic mini-ball 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
- Lower energy consumption than incandescent or halogen lamps
- 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
Operating mode	AC Mains
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 number on MCB B10 A	320
Max. lamp number on MCB B16 A	512
Power factor $\lambda$	$\geq 0.40$

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	$\leq 6$ sdc
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	$\leq 1.0$
Stroboscope effect metric (SVM)	$\leq 0.4$



EPREL data spectral diagram PROF LEDr 2700K

## Light technical data

Beam angle	320 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

## Dimensions &amp; Weight



Overall length	78.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm
Product weight	13.00 g

## Temperatures &amp; operating conditions

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

## Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	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 <sup>1)</sup>
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<sup>1)</sup> Check dimmer compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility)

## Certificates & Standards

Energy efficiency class	E <sup>1)</sup>
Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA
Photobiological safety group acc. to EN62778	RG1

<sup>1)</sup> Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

## Country-specific categorizations

ILCOS	DRBP/C-5/827-220-240-E14-45
Order reference	LEDSCLP40GD 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	78.00 mm
Height	45.00 mm
Width	45.00 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	1402908,523222,1358097
Model number	AC32279,AC44592,AC02228

DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	LED lamps CLA,B,G,P
	Declarations of conformity	LED CLASSIC MAGNETIC
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
4058075435476	Folding box 1	46 mm x 49 mm x 130 mm	25.00 g	0.29 dm <sup>3</sup>
4058075435483	Shipping box 4	111 mm x 110 mm x 104 mm	180.00 g	1.27 dm <sup>3</sup>
4058075450882	Shipping box 32	240 mm x 238 mm x 237 mm	1530.00 g	13.54 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.