

## product\_datasheet\_title

# 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



## 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	$\leq 6$ sdcM
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 & WEIGHT



Overall length	78.00 mm
Diameter	45.00 mm
Maximum diameter	45 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 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

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 CE	LED lamps CLA,B,G,P
	Declarations Of Conformity CE	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	dimensions	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>

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### disclaimer\_title

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