PRODUCT DATASHEET
LED Star Classic P 15 Filament

LED Retrofit CLASSIC P | LED lamps, classic mini-ball shape

Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Lamps with innovative LED "filament" technology
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lower thermal output (compared with the standard reference product)
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp

Product features

- Professional LED lamps for line voltage
- Not dimmable
- Beam angle: up to 300°
- Lifetime up to 15,000 h
- Lamp made of glass
- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity

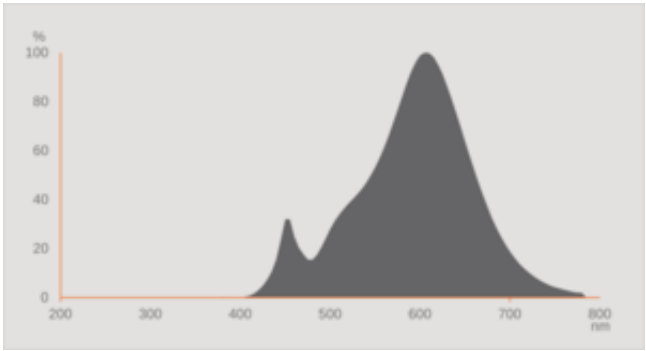
TECHNICAL DATA

Electrical data

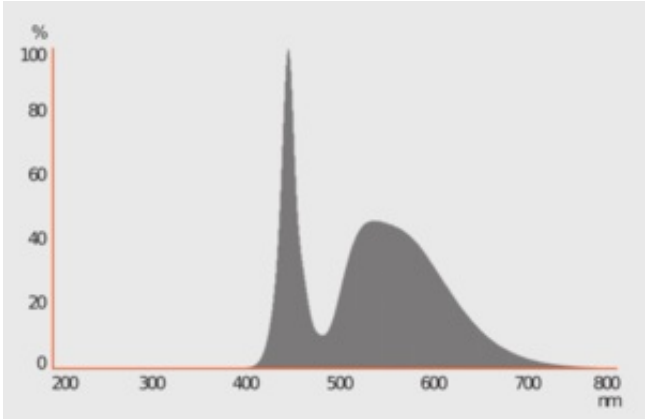
Construction wattage	1.50 W
Type of current	AC
Inrush current	1.45 A
Operating frequency	50/60 Hz
Max. lamp number on MCB B10 A	310
Max. lamp number on MCB B16 A	666

Photometrical data

Nominal useful luminous flux 90°	136 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	≤0.4



EPREL data spectral diagram PROF LEDr 2700K

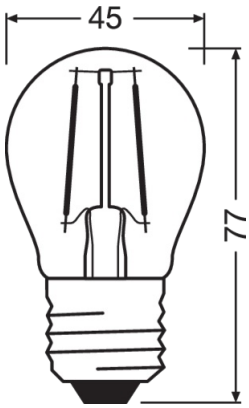


LISO spectral power distribution 6500K CRI80 v2

Light technical data

Warm-up time (60 %)	‹ 0.50 s

Dimensions & Weight



Overall length	77.00 mm
Maximum diameter	45 mm

Temperatures & operating conditions

Maximum temperature at tc test point	55 °C

Lifespan

Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

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

Certificates & Standards

Energy consumption	2.00 kWh/1000h
Standards	CE / EAC

Country-specific categorizations

ILCOS	DRBP/C-1,3-827-220-240-E27-45

LOGISTICAL DATA

Temperature range at storage	-20…+80 °C

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Standby power	0 W
Networked standby power for CLS	0 W
Claim of equivalent power	Yes
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.40
LED light source replaces a fluorescent light source	No

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	LED lamps CLA,B,G,P

	Photometric and lighting design files	Document name
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K

	Photometric and lighting design files	Document name
	Spectral power distribution	LISO spectral power distribution 6500K CRI80 v2

DISCLAIMER

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