

PRODUCT DATASHEET

LED Star Classic A 40 Filament Daylight Sensor

LED DAYLIGHT SENSOR CLASSIC A | Special LED lamps with daylight sensor, classic bulb shape



Areas of application

- Outdoor use in suitable outdoor luminaires only
- Wherever constant lighting is necessary at night

Product benefits

- Short payback period thanks to low energy consumption and maintenance costs
- Energy-saving lighting solutions thanks to automatic switch off at daylight (> 20 lux)
- Safety through automatic switch-on at darkness (< 20 lux)
- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

Product features

- LED alternative to conventional lamps
- High color consistency: ≤ 6 SDCM
- Mercury-free lamps
- The integrated light sensor detects daylight level every 10 minutes and turns on/off automatically



TECHNICAL DATA

Electrical data

Construction wattage	4.90 W
Type of current	AC
Inrush current	7.36 A
Operating frequency	50...60 Hz
Max. lamp number on MCB B10 A	35
Max. lamp number on MCB B16 A	45
Total harmonic distortion	151.2 %

Photometrical data

Nominal useful luminous flux 90°	470 lm
Lumen main.fact.at end of nom.life time	0.96
Light color (designation)	Warm White
Rated LLMF at 6,000 h	0.90
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



LISO spectral power distribution
2700K CRI80 v1

Light technical data

Warm-up time (60 %)	0.50 s
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Dimensions & Weight

Overall length	108.00 mm
Maximum diameter	60 mm

Temperatures & operating conditions

Maximum temperature at tc test point	73.1 °C
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Lifespan

Lumen maintenance at end of service lifetime	0.96
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted
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	5.00 kWh/1000h
Standards	CE

Country-specific categorizations

ILCOS	DRAA/F-5,5/827-220-240-E27-60
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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
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No

Standby power	0.50 W
Networked standby power for CLS	0,50 W
Claim of equivalent power	Yes
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.5
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
	Declarations of conformity	Classic lamps add value

Photometric and lighting design files		Document name
	Spectral power distribution	LISO spectral power distribution 2700K CRI80 v1

DISCLAIMER

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