

# 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



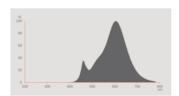
## TECHNICAL DATA

## Electrical data

Construction wattage	4.90 W
Type of current	AC
Inrush current	7.36 A
Operating frequency	5060 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

Sensor

Overall length	108.00 mm
Maximum diameter	60 mm
Maximum diameter	00 111111
Temperatures & operating conditions	
Maximum temperature at tc test point	73.1 °C
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
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	0.50 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
PDF	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.

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