

# PRODUCT DATASHEET LED Star Classic A 40 Filament 3.4W 865 Clear E27

LED Retrofit CLASSIC A | LED lamps, classic bulb shape



#### Areas of application

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

#### Product benefits

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Lower energy consumption than incandescent or halogen lamps
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

#### **Product features**

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



Clear E27



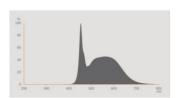
## TECHNICAL DATA

## Electrical data

Nominal wattage	3.4 W
Construction wattage	3.40 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	40 W
Nominal current	28 mA
Type of current	AC
Inrush current	1.18 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	63
Max. lamp number on MCB B16 A	93
Total harmonic distortion	162 %
Power factor $\lambda$	> 0.40

## Photometrical data

Luminous flux	470 lm
Luminous efficacy	138 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Cool Daylight
Color temperature	6500 K
Color rendering index Ra	80
Light color	865
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	≤1.0
Stroboscope effect metric (SVM)	≤0.4



EPREL data spectral diagram PROF LEDr 6500K

# Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

# Dimensions & Weight



Overall length	105.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	31.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	65 °C

## Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

## Additional product data

Ва	ase (standard designation)	E27
M	lercury content	0.0 mg
M	lercury-free	Yes
De	esign / version	Clear
Pr	roduct 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	No	
Certificates & Standards		
Energy efficiency class	D 1)	
Energy consumption	4.00 kWh/1000h	
Type of protection	IP20	
Standards	CE / EAC / UKCA	
Photobiological safety group acc. to EN62778	RG1	
1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)		
Country-specific categorizations		
Order reference	LEDSCLA40 3,4W/	

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
Light source cap-type (or other electric interface)	E27
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	SINGLE_VALUE
Standby power	0 W
Claim of equivalent power	Yes
Length	105.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.3123
Chromaticity coordinate y	0.3283
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9

Displacement factor	20.5
LED light source replaces a fluorescent light source	No
EPREL ID	2182582
Model number	AC70072

# 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
PDF	Declarations of conformity UKCA	LED lamps
	Photometric and lighting design files	Document name

Photometric and lighting design files	Document name	
Spectral power distribution	EPREL data spectral diagram PROF LEDr 6500K	

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854467240	Folding box 1	60 mm x 60 mm x 145 mm	46.00 g	0.52 dm <sup>3</sup>
4099854467257	Shipping box 6	202 mm x 134 mm x 120 mm	362.00 g	3.25 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.