PRODUCT DATASHEET
ST CLAS A 150 FR 16 W/2700 K 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
– Very low energy consumption
– 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
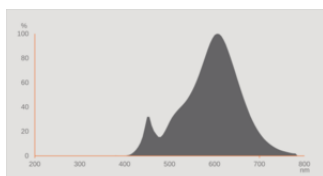– Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity

TECHNICAL DATA

Electrical data

Nominal wattage	16 W
Construction wattage	16.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	150 W
Nominal current	115 mA
Type of current	AC
Inrush current	1 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	30
Max. lamp no. on circuit break. 16 A (B)	50
Power factor λ	> 0.50

Photometrical data

Luminous flux	2500 lm
Nominal useful luminous flux 90°	2500 lm
Luminous efficacy	156 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80

Light technical data

Beam angle	330 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	330.00 °

Dimensions & Weight

Overall length	126.00 mm
Diameter	70.00 mm
Maximum diameter	70 mm
Product weight	45.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	50 °C

Lifespan

Lifespan	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes
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	No

Certificates & Standards

Energy efficiency class	D [1)
Energy consumption	16.00 kWh/1000h
Type of protection	IP20
Standards	CE

Photobiological safety group acc. to EN62778	RG1

1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Country-specific categorizations

Order reference	LEDSCLA150 16W/

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Correlated colour temperature type	SINGLE_VALUE
Networked standby power for CLS	0 W
Length	126.00 mm
Height	70.00 mm
Width	70.00 mm
EPREL ID	523213

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	PRODUCT DATASHEET
PDF	Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075305083	Blister 1	72 mm x 140 mm x 185 mm	73.00 g	1.86 dm³
4058075305014	Folding box 1	70 mm x 70 mm x 162 mm	64.00 g	0.79 dm³
4058075305090	Shipping box 6	432 mm x 153 mm x 201 mm	682.00 g	13.29 dm³
4058075305021	Shipping box 10	373 mm x 153 mm x 139 mm	873.00 g	7.93 dm³
4058075602007	Shipping box 6	233 mm x 153 mm x 139 mm	506.00 g	4.96 dm³

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.