

## PRODUCT DATASHEET

### ST CLAS A 60 RGBW 60 FR 9.7 W/2700/6500 K E27

LED Retrofit RGBW lamps with remote control | Consumer LED RGBW lamps with remote control



#### Areas of application

- Domestic applications
- Outdoor use in suitable outdoor luminaires only

#### Product benefits

- Easy installation
- Lower energy consumption than incandescent or halogen lamps
- Individual control
- No app or smartphone required to control the lamp
- Comfortable and intuitive infrared remote control
- Switching, dimming in 4 steps and color control with the push of a button
- Color loops for dynamic color changes

#### Product features



- Lifetime up to 25,000 h
- Allows for control of colors, saturation and dimming levels
- Wide range of controllable light colors including white
- Four dynamic effects: Flash, Strobe, Smooth, Mode
- Dimmable via remote control

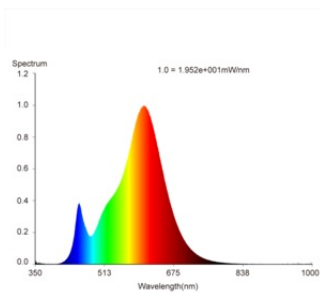
## TECHNICAL DATA

### Electrical data

Nominal wattage	9.7 W
Construction wattage	9.70 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	55 mA
Type of current	AC
Inrush current	5.2 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	130
Max. lamp number on MCB B16 A	110
Total harmonic distortion	95.02 %
Power factor $\lambda$	0.50

### Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	83 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool Daylight
Color temperature	2700/6500 K
Color rendering index Ra	≥80
Light color	827/865
Standard deviation of color matching	≤6 sdcn
Flickering metric (Pst LM)	1
Stroboscope effect metric (SVM)	0.4



EPREL data spectral diagram PROF LEDr 2700K

**Light technical data**

Beam angle	200 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

**Dimensions & Weight**

Overall length	108.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	33.00 g

**Temperatures & operating conditions**

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	80 °C

**Lifespan**

Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70

**Additional product data**

Base (standard designation)	E27
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
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## BATTERY

Battery size [GMS]	CR2025
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## Capabilities

Dimmable	Yes
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## Certificates & Standards

Energy efficiency class	G 1)
Energy consumption	10.00 kWh/1000h
Type of protection	IP20
Standards	CE / CB / ERP
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	LSCA60REM9,7W23
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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
Light source cap-type (or other electric interface)	E27
Connected light source (CLS)	No
Color-tuneable light source	Yes
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	STEPS
Standby power	0.5 W
Networked standby power for CLS	0.5 W


Claim of equivalent power	Yes
Length	108.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	>0.00
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1403226,686645
Model number	AC31124,AC24711

**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	EC Declaration of Conformity LED Star+RGBW Remote Clas A,B,P,Spot PAR16

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

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075519053	Blister 1	67 mm x 140 mm x 185 mm	61.00 g	1.74 dm <sup>3</sup>
4058075519060	Shipping box 6	416 mm x 153 mm x 201 mm	586.00 g	12.79 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.

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## DISCLAIMER

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