

PRODUCT DATASHEET

ST CLAS A 60 RGBW 60 FR 9 W/2700 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 W |
| Construction wattage | 9.00 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 60 W |
| Nominal current | 70 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 |
| Power factor λ | > 0.50 |

Photometrical data

| | |
|---|------------|
| Luminous flux | 806 lm |
| Nominal useful luminous flux 90° | 806 lm |
| Luminous efficacy | 89 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 sdcn |
| Rated LLMF at 6,000 h | 0.80 |

Light technical data

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

Dimensions & Weight

| | |
|------------------|-----------|
| Overall length | 112.00 mm |
| Diameter | 60.00 mm |
| Maximum diameter | 60 mm |

| | |
|----------------|---------|
| Product weight | 42.00 g |
|----------------|---------|

Temperatures & operating conditions

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

Lifespan

| | |
|--|--------|
| Number of switching cycles | 100000 |
| Lumen maintenance at end of service lifetime | 0.70 |
| Rated lamp survival factor at 6,000 h | ≥ 0.90 |

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 |

BATTERY

| | |
|--------------------|--------|
| Battery size [GMS] | CR2025 |
|--------------------|--------|

Capabilities

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Certificates & Standards

| | |
|--|----------------|
| Energy efficiency class | F 1) |
| Energy consumption | 9.00 kWh/1000h |
| Type of protection | IP20 |
| Standards | CE / CB / ERP |
| Photobiological safety group acc. to EN62778 | RG0 |

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

Country-specific categorizations

| | |
|-----------------|-----------------|
| Order reference | LEDSCLA60REM 9W |
|-----------------|-----------------|


Energy labelling regulation data acc EU 2019/2015

| | |
|---|--------------|
| Light source cap-type (or other electric interface) | E27 |
| Correlated colour temperature type | SINGLE_VALUE |
| Length | 112.00 mm |
| Height | 60.00 mm |
| Width | 60.00 mm |
| EPREL ID | 1403226 |
| Model number | 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 |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075045675 | Blister 1 | 67 mm x 140 mm x 185 mm | 70.00 g | 1.74 dm ³ |
| 4058075045682 | Shipping box 6 | 416 mm x 153 mm x 201 mm | 682.00 g | 12.79 dm ³ |

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.