# PRODUCT DATASHEET
# ST CLAS B 40 RGBW 5.5 W/2700 K E14 FR

**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
– Up to 80 % less energy consumption compared with ordinary light bulbs
– 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
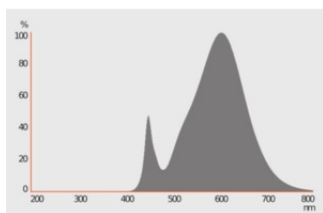– Dimmable via remote control

## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| Nominal wattage | 5.5 W |
| Construction wattage | 5.50 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 40 W |
| Nominal current | 44 mA |
| Type of current | AC |
| Inrush current | 3.12 A |
| Operating frequency | 50...60 Hz |
| Mains frequency | 50...60 Hz |
| Max. lamp no. on circuit break. 10 A (B) | 210 |
| Max. lamp no. on circuit break. 16 A (B) | 340 |
| Power factor λ | > 0.50 |

### Photometrical data
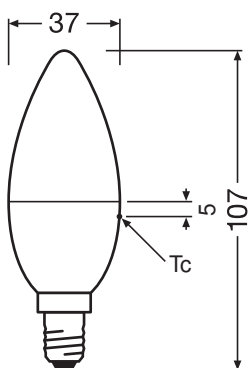
| | |
|---|---|
| Luminous flux | 470 lm |
| Nominal useful luminous flux 90° | 470 lm |
| Luminous efficacy | 85 lm/W |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Warm White |
| Color temperature | 2700 K |
| Color rendering index Ra | ≥80 |
| Light color | 827 |
| Standard deviation of color matching | ≤6 sdcm |
| Rated LLMF at 6,000 h | 0.80 |

## Light technical data

| | |
|---|---|
| Beam angle | 200 ° |
| Warm-up time (60 %) | ‹ 0.50 s |
| Starting time | < 0.5 s |
| Rated beam angle (half peak value) | 200.00 ° |

## Dimensions & Weight



| | |
|---|---|
| Overall length | 107.00 mm |
| Diameter | 37.00 mm |
| Maximum diameter | 37 mm |
| Product weight | 27.00 g |

## Temperatures & operating conditions

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

## Lifespan

| | |
|---|---|
| Lifespan | 25000 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) | E14 |

| 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 |

## Capabilities

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

## Certificates & Standards

| Energy efficiency class | A+ [1] |
|---|---|
| Energy consumption | 6.00 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 | LEDSCLB40REM5,5 |
|---|---|

## Energy labelling regulation data acc EU 2019/2015

| Light source cap-type (or other electric interface) | E14 |
|---|---|
| Length | 107.00 mm |
| Height | 37.00 mm |
| Width | 37.00 mm |

## DOWNLOAD DATA

| | DOWNLOAD DATA |
|---|---|
| PDF | PRODUCT DATASHEET |
| | IES file (IES) |
| | LDT file (Eulumdat) |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075144309 | Blister<br>1 | 40 mm x 140 mm x 185 mm | 64.00 g | 1.04 dm³ |
| 4058075430853 | Folding box<br>1 | 45 mm x 53 mm x 145 mm | 38.00 g | 0.35 dm³ |
| 4058075144316 | Shipping box<br>6 | 262 mm x 153 mm x 201 mm | 600.00 g | 8.06 dm³ |
| 4058075430860 | Shipping box<br>4 | 116 mm x 108 mm x 118 mm | 273.00 g | 1.48 dm³ |
| 4058075445376 | Shipping box<br>32 | 250 mm x 234 mm x 265 mm | 1996.00 g | 15.50 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.