

PRODUCT DATASHEET LED STICK 95 11W 11W 840 FROSTED E27

LED PCR CLASSIC STICK LAMP | LED lamps with recycled plastic



Areas of application

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time
- Made of recycled plastics, the lamp contributes to the reduction of CO2 emissions and landfill waste

Product features

- LED alternative to conventional lamps
- Mercury-free lamps
- $\,$ Minimum 50 % of recycled plastic (out of total plastic weight) used





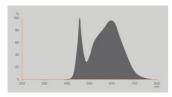
TECHNICAL DATA

Electrical data

| Nominal wattage | 11 W |
|--|----------|
| Construction wattage | 11.00 W |
| Nominal voltage | 220240 V |
| Operating mode | AC Mains |
| Claimed equiv. conventional lamp power | 95 W |
| Nominal current | 85 mA |
| Type of current | AC |
| Inrush current | 6.8 A |
| Operating frequency | 50/60 Hz |
| Mains frequency | 50/60 Hz |
| Max. lamp number on MCB B10 A | 49 |
| Max. lamp number on MCB B16 A | 61 |
| Total harmonic distortion | 119 % |
| Power factor λ | 0.60 |

Photometrical data

| Luminous flux | 1470 lm |
|---|------------|
| Luminous efficacy | 133 lm/W |
| Lumen main.fact.at end of nom.life time | 0.93 |
| Light color (designation) | Cool White |
| Color temperature | 4000 K |
| Color rendering index Ra | 80 |
| Light color | 840 |
| Standard deviation of color matching | ≤6 sdcm |
| Flickering metric (Pst LM) | 1.0 |
| Stroboscope effect metric (SVM) | 0.4 |



EPREL Data Spectral Diagram LEDr _4000K

Light technical data

| Beam angle | 240 ° |
|---------------------|--------|
| Warm-up time (60 %) | 0.50 s |
| Starting time | 0.5 s |

Dimensions & Weight

| Overall length | 117.00 mm |
|------------------|-----------|
| Diameter | 40.00 mm |
| Maximum diameter | 40 mm |
| Product weight | 35.00 g |

Temperatures & operating conditions

| Ambient temperature range | -40+40 °C |
|--------------------------------------|-----------|
| Maximum temperature at tc test point | 90 °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

| 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 |

Capabilities

| L)immable | No |
|-------------|-----|
| Diriiriabic | 140 |

Certificates & Standards

| Energy efficiency class | E 1) |
|-------------------------|-----------------|
| Energy consumption | 11.00 kWh/1000h |

| Type of protection | IP20 |
|--|-----------------|
| Standards | CE / EAC / UKCA |
| Photobiological safety group acc. to EN62778 | RG0 |

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

| Temperature range at storage -40+80 °C | Country-specific categorizations | | |
|--|--|-----------------|--|
| Temperature range at storage -40+80 °C Energy labelling regulation data acc EU 2019/2015 Lighting technology used LED Non-directional or directional MILS Light source cop-type (or other electric interface) E27 Connected light source (CLS) No Color-tuneable light source No Envelope No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Standby power Claim of equivalent power Length Height Homiton Width 40.00 mm Width 40.00 mm Chromaticity coordinate x 0.3318 Chromaticity coordinate x Chromaticity coordinate x 1 Beam angle correspondence Sunker Sunk | Order reference | LEDSSTICK95 11W | |
| Energy labelling regulation data acc EU 2019/2015 Lighting technology used LED Non-directional or directional Mils Mains or non-mains Mils 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 Orrelated colour temperature type SINGLE_VALUE Standby power Coin of equivalent power Ves Length Height 40.00 mm Wridth 40.00 mm Wridth Chromaticity coordinate x 0.3818 Chromaticity coordinate y R9 Colour rendering index 11 0.90 SINGLE_360 SPHERE_360 Survival factor 0.99 Displacement factor LED Ight source replaces a fluorescent light source NoLS EVENUA SINGLE_360 EPREL ID 2190104 | LOGISTICAL DATA | | |
| 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 0.00 W Claim of equivalent power Yes Length 117.00 mm Height 40.00 mm Writch 40.00 mm Chromaticity coordinate x 0.3818 Chromaticity coordinate y 0.3797 FB Colour rendering index 1 Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor 0.864 LED light source replaces a fluorescent light source No EPREL ID 2190104 | Temperature range at storage | -40+80 °C | |
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| Envelope No High luminance light source No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Standby power 0.00 W Claim of equivalent power Yes Length 117.00 mm Height 40.00 mm Width 40.00 mm Chromaticity coordinate x 0.3818 Chromaticity coordinate y 0.3797 R9 Colour rendering index 1 Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor 0.864 LED light source replaces a fluorescent light source PREL ID 2190104 | Connected light source (CLS) | No | |
| High luminance light source Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Standby power 0.00 W Claim of equivalent power Yes Length 117.00 mm Height 40.00 mm Width 40.00 mm Chromaticity coordinate x 0.3818 Chromaticity coordinate y R9 Colour rendering index 1 Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor 0.864 LED light source replaces a fluorescent light source EPREL ID No | Color-tuneable light source | No | |
| Anti-glare shield Correlated colour temperature type SINGLE_VALUE Standby power 0.00 W Claim of equivalent power Yes Length Height 40.00 mm Width 40.00 mm Chromaticity coordinate x 0.3818 Chromaticity coordinate y R9 Colour rendering index 11 Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor Unequivalent source replaces a fluorescent light source EPREL ID SINGLE_VALUE No W 40.00 W 40.00 mm 117.00 mm 40.00 mm 40.0 | Envelope | No | |
| Correlated colour temperature type SINGLE_VALUE Standby power 0.00 W Claim of equivalent power Yes Length 117.00 mm Height 40.00 mm Width 40.00 mm Chromaticity coordinate x 0.3818 Chromaticity coordinate y 0.3797 R9 Colour rendering index 1 Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor 0.864 LED light source replaces a fluorescent light source EPREL ID SINGLE_VALUE SINGLE_VALUE SINGLE_VALUE SINGLE_VALUE 0.00 W 40.00 W 40.00 mm | High luminance light source | No | |
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| Claim of equivalent power Length 117.00 mm Height 40.00 mm Width 40.00 mm Chromaticity coordinate x 0.3818 Chromaticity coordinate y R9 Colour rendering index 1 Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor 0.864 LED light source replaces a fluorescent light source No EPREL ID Yes Yes Yes Yes 17 0.00 mm 40.00 mm 40 | Correlated colour temperature type | SINGLE_VALUE | |
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| Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor 0.864 LED light source replaces a fluorescent light source PREL ID 2190104 | Chromaticity coordinate x | 0.3818 | |
| Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor 0.864 LED light source replaces a fluorescent light source No EPREL ID 2190104 | Chromaticity coordinate y | 0.3797 | |
| Survival factor 0.90 Displacement factor 0.864 LED light source replaces a fluorescent light source No EPREL ID 2190104 | R9 Colour rendering index | 1 | |
| Displacement factor 0.864 LED light source replaces a fluorescent light source No EPREL ID 2190104 | Beam angle correspondence | SPHERE_360 | |
| LED light source replaces a fluorescent light source No EPREL ID 2190104 | Survival factor | 0.90 | |
| EPREL ID 2190104 | Displacement factor | 0.864 | |
| | LED light source replaces a fluorescent light source | No | |
| Model number AC69386 | EPREL ID | 2190104 | |
| | Model number | AC69386 | |

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 | Declaration of conformity CE FTL Sticks |
| PDF | Declarations of conformity | Declaration of conformity CE |
| PDF | Declarations of conformity UKCA | UKCA declaration LED stick |
| | | |
| | Photometric and lighting design files | Document name |
| | Spectral power distribution | EPREL Data Spectral Diagram LEDr _4000K |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4099854480416 | Folding box 1 | 41 mm x 49 mm x 155 mm | 50.00 g | 0.31 dm ³ |
| 4099854480423 | Shipping box 6 | 144 mm x 111 mm x 131 mm | 369.00 g | 2.09 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

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