

PRODUCT DATASHEET

LINE R7s 78.0 mm 75 8 W/2700K R7s

LED LINE R7S | LED lamps with retrofit base R7s



AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+40 °C
- Outdoor applications only in suitable luminaires

PRODUCT BENEFITS

- Fits into most R7s luminaires thanks to excentric base
- Good all-around light emission
- Lower thermal output (compared with the standard reference product)
- Long lifetime of up to 15,000 h
- Three year guarantee

PRODUCT FEATURES

- LED alternative to conventional R7s lamps
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity



TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| Rated wattage | 8.00 W |
| Nominal wattage | 8.00 W |
| Nominal voltage | 220...240 V |
| Max. lamp no. on circuit break. 10 A (B) | 125 |
| Max. lamp no. on circuit break. 16 A (B) | 200 |
| Operating frequency | 50/60 Hz |
| Power factor λ | 0.50 |
| Claimed equiv. conventional lamp power | 75 W |

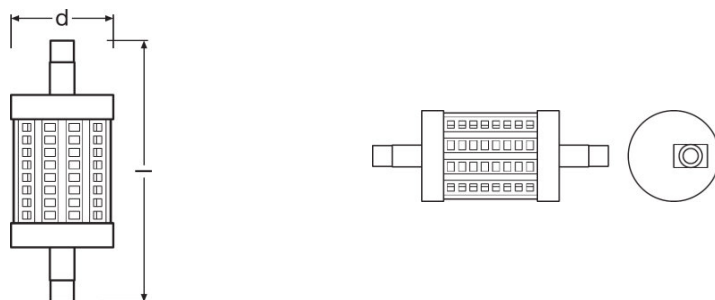
Photometrical data

| | |
|---|---------------------------|
| Nominal luminous flux | 1055 lm |
| Rated luminous flux | 1055 lm |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Warm White |
| Color temperature | 2700 K |
| Luminous flux | 1055 lm |
| Color rendering index Ra | ≥ 80 |
| Standard deviation of color matching | ≤ 6 sdc _m |
| Rated color temperature | 2700 K |
| Color rendering index Ra | ≥ 80 |

Light technical data

| | |
|---------------------|----------|
| Warm-up time (60 %) | < 0.50 s |
| Beam angle | 300 ° |
| Starting time | < 0.5 s |

Dimensions & weight



| | |
|-----------------------|---------|
| Overall length | 78.0 mm |
| Diameter | 29.0 mm |
| Outer bulb | - |
| Length | 78.0 mm |

Temperatures & operating conditions

| | |
|---|--------------|
| Ambient temperature range | -20...+40 °C |
| Maximum temperature at tc test point | 85 °C |

Lifespan

| | |
|---|---------|
| Nominal lamp life time | 15000 h |
| Rated lamp life time | 15000 h |
| Number of switching cycles | 100000 |
| Lumen maintenance at end of service life | 0.70 |

Additional product data

| | |
|------------------------------------|--------|
| Base (standard designation) | R7s |
| Mercury content | 0.0 mg |
| Mercury-free | Yes |
| Show WEEE picto | Yes |

Capabilities

| | |
|-----------------|----|
| Dimmable | No |
|-----------------|----|

Certificates & standards

| | |
|--------------------------------|-------------|
| Energy efficiency class | A++ |
| Energy consumption | 8 kWh/1000h |

Country-specific categorizations

| | |
|------------------------|-----------------|
| Order reference | LEDL17875 8W/82 |
|------------------------|-----------------|

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075432611 | Folding carton box 1 | 30 mm x 49 mm x 130 mm | 64.00 g | 0.19 dm ³ |

| | | | | |
|---------------|---------------------------|--------------------------|----------|----------------------|
| 4058075432628 | Shipping carton box 10 | 170 mm x 111 mm x 106 mm | 704.00 g | 2.00 dm ³ |
| 4058075653368 | Shipping carton box 6 | 112 mm x 111 mm x 106 mm | 340.00 g | 1.32 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.

REFERENCES / LINKS

For Guarantee see

- ▶ www.osram-lamps.com/guarantee

For further products and actual information concerning LED lamps see

- ▶ www.osram-lamps.com/led-lamps

DISCLAIMER

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