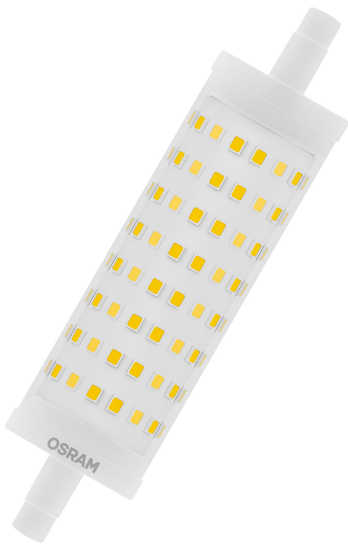


PRODUCT DATASHEET

P DIM LINE 118.00 mm 125 16 W/2700 K R7s

PARATHOM® DIM LINE R7s | Dimmable double-ended special LED lamps



Areas of application

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

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)
- Five year guarantee

Product features

- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- LED alternative to conventional R7s lamps
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity



TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| Nominal wattage | 16 W |
| Construction wattage | 16.00 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 125 W |
| Nominal current | 70 mA |
| Type of current | AC |
| Inrush current | 4.93 A |
| Operating frequency | 50/60 Hz |
| Mains frequency | 50/60 Hz |
| Max. lamp no. on circuit break. 10 A (B) | 15 |
| Max. lamp no. on circuit break. 16 A (B) | 24 |
| Total harmonic distortion | < 120 % |
| Power factor λ | ≥ 0.90 |

Photometrical data

| | |
|---|---------------------------|
| Luminous flux | 2000 lm |
| Nominal useful luminous flux 90° | 2000 lm |
| Luminous efficacy | 125 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 sdc _m |
| Rated LLMF at 6,000 h | 0.80 |
| Flickering metric (Pst LM) | 1.0 |
| Stroboscope effect metric (SVM) | 0.4 |



Light technical data

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

Dimensions & Weight

| | |
|------------------|-----------|
| Overall length | 118.00 mm |
| Diameter | 28.00 mm |
| Maximum diameter | 28 mm |
| Product weight | 95.00 g |

Temperatures & operating conditions

| | |
|--------------------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
| Maximum temperature at tc test point | 87 °C |

Lifespan

| | |
|--|-----------------------|
| Lifespan | 25000 h ¹⁾ |
| Number of switching cycles | 100000 |
| Lumen maintenance at end of service lifetime | 0.70 |
| Rated lamp survival factor at 6,000 h | ≥ 0.90 |

1) L70/B50

Additional product data

| | |
|-----------------------------|--------|
| Base (standard designation) | R7s |
| Mercury content | 0.0 mg |
| Design / version | Clear |

Capabilities

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

Certificates & Standards

| | |
|--|-----------------|
| Energy efficiency class | E 1) |
| Energy consumption | 16.00 kWh/1000h |
| Type of protection | IP20 |
| Standards | CE / EAC |
| Photobiological safety group acc. to EN62778 | RG1 |

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

Country-specific categorizations

| | |
|-----------------|-----------------|
| Order reference | LEDPL118125D 16 |
|-----------------|-----------------|

LOGISTICAL DATA

| | |
|------------------------------|--------------|
| Temperature range at storage | -20...+80 °C |
|------------------------------|--------------|

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) | R7s |
| 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 |
| Claim of equivalent power | Yes |
| Length | 118.00 mm |
| Height | 28.00 mm |

| | |
|--|------------|
| Width | 28.00 mm |
| Chromaticity coordinate x | 0.458 |
| Chromaticity coordinate y | 0.410 |
| R9 Colour rendering index | 1 |
| Beam angle correspondence | SPHERE_360 |
| Survival factor | 0.90 |
| LED light source replaces a fluorescent light source | No |
| EPREL ID | 522891 |
| Model number | AC32138 |

Safety advice

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

DOWNLOAD DATA

| Documents and certificates | |
|---|-------------------------------|
|  | Addon Technical Information |
|  | Declarations Of Conformity CE |
| Photometric and lighting design files | |
|  | Spectral power distribution |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075626812 | Folding box 1 | 30 mm x 30 mm x 122 mm | 100.00 g | 0.11 dm ³ |
| 4058075626829 | Shipping box 20 | 159 mm x 129 mm x 131 mm | 2054.00 g | 2.69 dm ³ |
| 4058075626836 | Shipping box 120 | 269 mm x 169 mm x 411 mm | 12522.00 g | 18.68 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 further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
 - For Guarantee see www.ledvance.com/guarantee
 - For dimming conformity see www.ledvance.com/dim
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DISCLAIMER

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