

## PRODUCT DATASHEET

### P DIM LINE 78.00 mm 75 8.5 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](http://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                          | 8.5 W       |
| Construction wattage                     | 8.50 W      |
| Nominal voltage                          | 220...240 V |
| Claimed equiv. conventional lamp power   | 75 W        |
| Nominal current                          | 38 mA       |
| Type of current                          | AC          |
| Operating frequency                      | 50/60 Hz    |
| Mains frequency                          | 50/60 Hz    |
| Max. lamp no. on circuit break. 10 A (B) | 131         |
| Max. lamp no. on circuit break. 16 A (B) | 210         |
| Power factor $\lambda$                   | 0.90        |

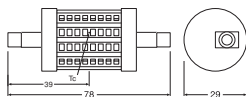
### Photometrical data

|   |               |
|---|---------------|
| Luminous flux                           | 1055 lm       |
| Nominal useful luminous flux 90°        | 1055 lm       |
| Luminous efficacy                       | 124 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                | $\geq 80$     |
| Light color                             | 827           |
| Standard deviation of color matching    | $\leq 6$ sdcn |
| Rated LLMF at 6,000 h                   | 0.80          |

### Light technical data

|                                    |            |
|------------------------------------|------------|
| Beam angle                         | 300 °      |
| Warm-up time (60 %)                | $< 0.50$ s |
| Starting time                      | $< 0.5$ s  |
| Rated beam angle (half peak value) | 300.00 °   |

### Dimensions & Weight



|                  |          |
|------------------|----------|
| Overall length   | 78.00 mm |
| Diameter         | 29.00 mm |
| Maximum diameter | 29 mm    |
| Product weight   | 52.00 g  |

### Temperatures & operating conditions

|                                      |              |
|--------------------------------------|--------------|
| Ambient temperature range            | -20...+40 °C |
| Maximum temperature at tc test point | 92 °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) | R7s    |
| Mercury content             | 0.0 mg |
| Mercury-free                | Yes    |
| Design / version            | Clear  |

### Capabilities

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

### Certificates & Standards

|  |                |
|--|----------------|
| Energy efficiency class                      | E 1)           |
| Energy consumption                           | 8.00 kWh/1000h |
| Type of protection                           | IP20           |
| Standards                                    | CE / EAC       |
| 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

|                 |                          |
|-----------------|--------------------------|
| ILCOS           | DRDG-8/827-230-R7s-114,2 |
| Order reference | LEDPLI 7875D 8,          |





## Energy labelling regulation data acc EU 2019/2015

|   |              |
|---|--------------|
| Light source cap-type (or other electric interface) | R7s          |
| Correlated colour temperature type                  | SINGLE_VALUE |
| Length  | 78.00 mm     |
| Height  | 29.00 mm     |
| Width   | 29.00 mm     |
| EPREL ID  | 1402932      |
| Model number  | AC11919      |

## Safety advice

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

## DOWNLOAD DATA

| DOWNLOAD DATA  |                                   |
|--|-----------------------------------|
|  | PRODUCT DATASHEET                 |
|  | Declarations Of Conformity CE     |
|  | zIES data (archived) - do not use |
|  | zEulumdat (archived) - do not use |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075811874 | Folding box<br>1             | 30 mm x 30 mm x 82 mm                | 55.00 g      | 0.07 dm <sup>3</sup>  |
| 4058075811881 | Shipping box<br>20           | 159 mm x 129 mm x 91 mm              | 1145.00 g    | 1.87 dm <sup>3</sup>  |
| 4058075040144 | Shipping box<br>120          | 269 mm x 169 mm x 291 mm             | 7025.00 g    | 13.23 dm <sup>3</sup> |

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.

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### References / Links

- For further products and actual information concerning LED lamps see [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)
  - For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)
  - For dimming conformity see [www.ledvance.com/dim](http://www.ledvance.com/dim)
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