

## PRODUCT DATASHEET

### ST LINE 78.00 mm 75 8 W/2700 K R7s

LED STAR LINE R7s | Double-ended special LED lamps



#### Areas of application

- Hospitality
- Domestic applications
- Outdoor applications only in suitable luminaires

#### Product benefits

- Long lifetime of up to 15,000 h
- Low energy consumption
- Three year guarantee
- Good all-around light emission
- Fits into most R7s luminaires thanks to excentric base

#### Product features

- LED alternative to conventional R7s lamps



## TECHNICAL DATA

### Electrical data

|  |             |
|--|-------------|
| Nominal wattage                        | 8 W         |
| Construction wattage                   | 8.00 W      |
| Nominal voltage                        | 220...240 V |
| Claimed equiv. conventional lamp power | 75 W        |
| Nominal current                        | 69 mA       |
| Type of current                        | AC          |
| Inrush current                         | 4,68 A      |
| Operating frequency                    | 50/60 Hz    |
| Mains frequency                        | 50/60 Hz    |
| Max. lamp number on MCB B10 A          | 71          |
| Max. lamp number on MCB B16 A          | 114         |
| Power factor $\lambda$                 | 0.50        |

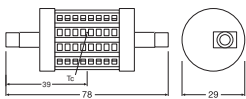
### Photometrical data

|   |            |
|---|------------|
| Luminous flux                           | 1055 lm    |
| Nominal useful luminous flux 90°        | 1055 lm    |
| Luminous efficacy                       | 131 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 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  |

### Dimensions & Weight



|                  |          |
|------------------|----------|
| Overall length   | 78.00 mm |
| Diameter         | 29 mm    |
| Maximum diameter | 29 mm    |
| Product weight   | 51.00 g  |

Temperatures & operating conditions

|                                      |              |
|--------------------------------------|--------------|
| Ambient temperature range            | -20...+40 °C |
| Maximum temperature at tc test point | 90 °C        |

Lifespan

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

Additional product data

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

Capabilities

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

Certificates & Standards

|  |                 |
|--|-----------------|
| Energy efficiency class                      | E <sup>1)</sup> |
| 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 | LEDCLI 78 75 8W          |


### 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 mm        |
| Width   | 29 mm        |
| EPREL ID  | 1402933      |

### 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   |                            | Document name    |
|--|----------------------------|------------------|
|  | Declarations of conformity | R7S lamp AC11922 |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075272170 | Folding box<br>1             | 30 mm x 30 mm x 82 mm                | 54.00 g      | 0.07 dm <sup>3</sup>  |
| 4058075811676 | Blister<br>1                 | 37 mm x 140 mm x 120 mm              | 63.00 g      | 0.62 dm <sup>3</sup>  |
| 4058075272187 | Shipping box<br>10           | 169 mm x 72 mm x 91 mm               | 571.00 g     | 1.11 dm <sup>3</sup>  |
| 4058075811683 | Shipping box<br>9            | 345 mm x 153 mm x 136 mm             | 722.00 g     | 7.18 dm <sup>3</sup>  |
| 4058075272194 | Shipping box<br>120          | 347 mm x 226 mm x 191 mm             | 7035.00 g    | 14.98 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.

### References / Links

– For further products and actual information concerning LED lamps see [www.osram-lamps.com/led-lamps](http://www.osram-lamps.com/led-lamps)

– For Guarantee see [www.osram-lamps.com/guarantee](http://www.osram-lamps.com/guarantee)

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