



# CorePro LED linear MV



## CoreProLED linearD 17.5-150W R7S 118 840

CorePro, LED, R7S, 150 W, R7s, 4000 K, 2460 lm, CRI 80, 15000 h

CorePro R7S is a retrofit replacement for traditional double-ended linear R7S lamps. Its 'light all around' design delivers light that is just like a halogen lamp. Within the range, you can choose dimmable products which have deep a dimming function that enables a cosy ambience when using a dimmable fixture.

### Product data

| General Information        |          |
|----------------------------|----------|
| Cap base                   | R7s      |
| Nominal lifetime           | 15,000 h |
| Switching Cycle            | 50,000   |
| Lighting Technology        | LED      |
| Flux measurement reference | Sphere   |
| Warranty period            | 2 years  |

| Light Technical                        |                    |
|--|--------------------|
| Colour Code                            | 840 [CCT of 4000K] |
| Luminous Flux                          | 2,460 lm           |
| Colour designation                     | Cool White (CW)    |
| Correlated Colour Temperature (Nom)    | 4000 K             |
| Luminous efficacy (rated) (nom.)       | 140.00 lm/W        |
| Colour consistency                     | <6                 |
| Colour rendering index (CRI)           | 80                 |
| LLMF at end of nominal lifetime (nom.) | 70 %               |

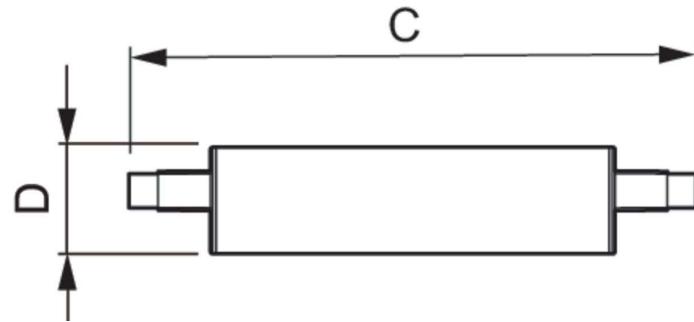
| Photobiological safety according to EN 62471 RG1 |             |
|--|-------------|
| <b>Operating and Electrical</b>                  |             |
| Line Frequency                                   | 50 to 60 Hz |
| Input frequency                                  | 50 to 60 Hz |
| Power Consumption                                | 17.5 W      |
| Lamp current (nom.)                              | 90 mA       |
| Wattage equivalent                               | 150 W       |
| Starting time (nom.)                             | 0.5 s       |
| Warm-up time to 60% light                        | 0.5 s       |
| Power Factor (Fraction)                          | 0.9         |
| Voltage (nom.)                                   | 220-240 V   |
| <b>Temperature</b>                               |             |
| T-Case maximum (nom.)                            | 102 °C      |

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| Controls and Dimming               |                            |
|------------------------------------|----------------------------|
| Dimmable                           | Only with specific dimmers |
| Mechanical and Housing             |                            |
| Bulb shape                         | R7S                        |
| Net Weight (Piece)                 | 0.095 kg                   |
| Approval and Application           |                            |
| Energy Efficiency Class            | D                          |
| Suitable for accent lighting       | No                         |
| Energy consumption kWh/1,000 hours | 18 kWh                     |
| EPREL Registration Number          | 397598                     |
| CE mark                            | Yes                        |
| EU RoHS compliant                  | Yes                        |
| EyeComfort                         | Yes                        |
| Flickering value (PstLM)           | 1                          |
| Stroboscopic effect                | 0.4                        |
| Ambient temperature range          | -20°C to 45°C              |

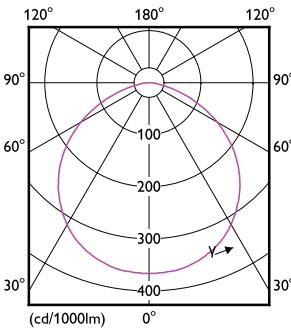
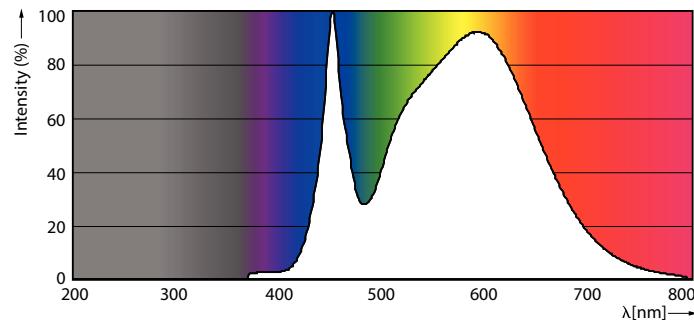
| Application Conditions              |  |
|-------------------------------------|--|
| Can it be used in closed luminaires | No                                       |
| Product Data                        |  |
| Order product name                  | CoreProLED linearD 17.5-150W R7S 118 840 |
| Full product name                   | CoreProLED linearD 17.5-150W R7S 118 840 |
| Full EOC                            | 871869964675200                          |
| Order code                          | 64675200                                 |
| Material no. (12 NC)                | 929002016702                             |
| Numerator – quantity per pack       | 1  |
| EAN/UPC – Product/Case              | 8718699646752                            |
| Numerator – packs per outer box     | 10                                       |
| EAN/UPC – Case                      | 8718699646769                            |

## Dimensional drawing



| Product                                  | D     | C      |
|--|-------|--------|
| CoreProLED linearD 17.5-150W R7S 118 840 | 42 mm | 118 mm |

## Photometric data

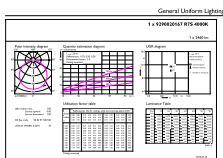


Spectral Power Distribution Colour – CoreProLED linearD 17.5-150W R7S 118 840

Light Distribution Diagram – CoreProLED linearD 17.5-150W R7S 118 840

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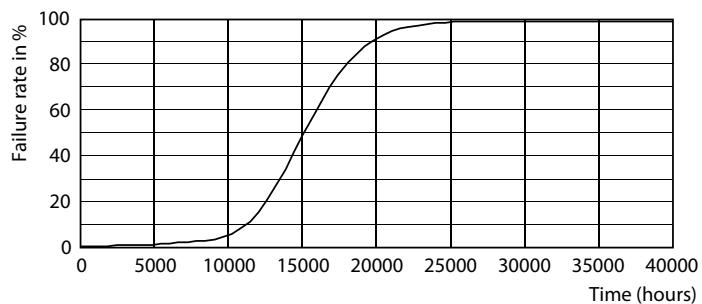
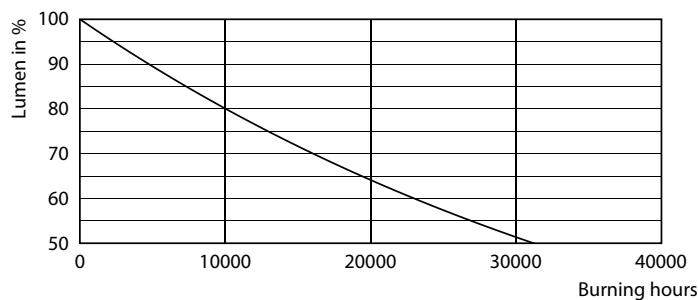
## Photometric data



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### General uniform lighting - CoreProLED linearD 17.5-150W R7S 118 840

## Lifetime



### Lumen Maintenance Diagram - CoreProLED linearD 17.5-150W R7S 118 840

### LEDspot R7S 230V

