

# CorePro LED linear MV

## LED 60W R7S 78mm CW ND 1PF SRT4

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

### Product data

| General Information                          |                    |
|--|--------------------|
| Cap-Base                                     | R7s                |
| Nominal lifetime                             | 15,000 hour(s)     |
| Switching Cycle                              | 50,000             |
| Lighting Technology                          | LED                |
| Flux measurement reference                   | Sphere             |
| Warranty period                              | 2 years            |
| Light Technical                              |                    |
| Color Code                                   | 840 [CCT of 4000K] |
| Beam Angle (Nom)                             | 300 degree(s)      |
| Luminous Flux                                | 1,000 lm           |
| Color Designation                            | Cool White (CW)    |
| Correlated Color Temperature (Nom)           | 4000 K             |
| Luminous Efficacy (rated) (Nom)              | 142 lm/W           |
| Color Consistency                            | <6                 |
| Color rendering index (CRI)                  | 80                 |
| LLMF At End Of Nominal Lifetime (Nom)        | 70 %               |
| Photobiological safety according to EN 62471 | RG0                |

| Operating and Electrical  |               |
|---------------------------|---------------|
| Input Frequency           | 50 to 60 Hz   |
| Power Consumption         | 7 W           |
| Lamp Current (Nom)        | 51 mA         |
| Wattage Equivalent        | 60 W          |
| Starting Time (Nom)       | 0.5 s         |
| Warm-up time to 60% light | 0.5 s         |
| Power Factor (Fraction)   | 0.5           |
| Voltage (Nom)             | 220-240 V     |
| Temperature               |               |
| T-Case Maximum (Nom)      | 88 °C         |
| Controls and Dimming      |               |
| Dimmable                  | No            |
| Mechanical and Housing    |               |
| Bulb Finish               | Clear         |
| Bulb Material             | Clear Plastic |
| Overall length            | 78 mm         |

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|                                     |                 |
|-------------------------------------|-----------------|
| Overall width                       | 28 mm           |
| Overall height                      | 78 mm           |
| Dimensions (Height x Width x Depth) | 78 x 28 x 78 mm |
| Bulb Shape                          | R7S             |
| Net Weight (Piece)                  | 0.037 kg        |

Approval and Application

|   |            |
|---|------------|
| Energy Efficiency Class   | D          |
| Suitable For Accent Lighting                                    | No         |
| Energy Consumption kWh/1000 h                                   | 7 kWh      |
| EPREL Registration Number                                       | 1932589    |
| CE mark   | Yes        |
| EU RoHS compliant   | Yes        |
| EyeComfort  | Yes        |
| LED Innovations   | EyeComfort |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1          |
| Stroboscopic effect visibility measure (SVM)                    | 0.4        |

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -20 to +45 °C |
|---------------------------|---------------|

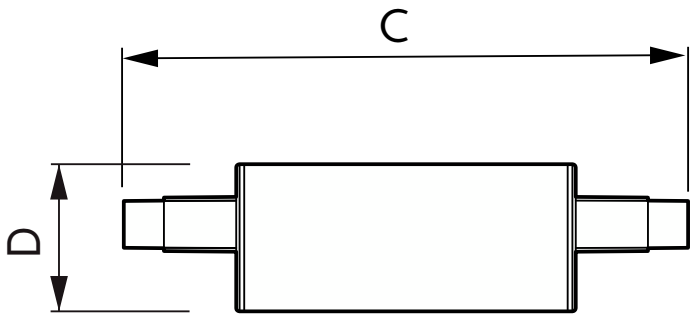
Application Conditions

|                                     |    |
|-------------------------------------|----|
| can it be used in closed luminaires | No |
|-------------------------------------|----|

Product Data

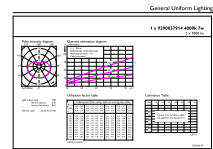
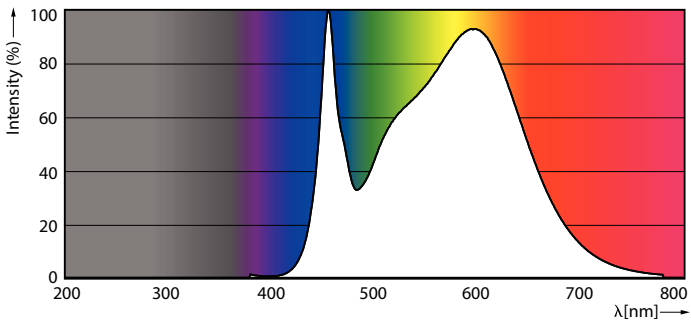
|                                 |                                 |
|---------------------------------|---------------------------------|
| Order product name              | LED 60W R7S 78mm CW ND 1PF SRT4 |
| Full product name               | LED 60W R7S 78mm CW ND 1PF SRT4 |
| Full product code               | 872016930191700                 |
| Order code                      | 929003791461                    |
| Material Nr. (12NC)             | 929003791461                    |
| Numerator - Quantity Per Pack   | 1                               |
| EAN/UPC - Product/Case          | 8720169301917                   |
| Numerator - Packs per outer box | 4                               |
| EAN/UPC - Case                  | 8720169301924                   |

Dimensional drawing



| Product                         | D     | C     |
|---------------------------------|-------|-------|
| LED 60W R7S 78mm CW ND 1PF SRT4 | 28 mm | 78 mm |

Photometric data

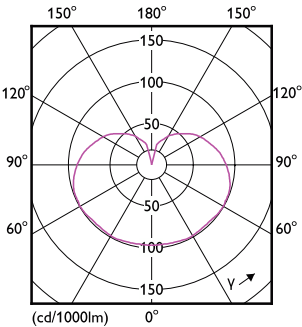


Spectral Power Distribution Colour - LED 60W R7S 78mm CW ND 1PF SRT4

General uniform lighting - LED 60W R7S 78mm CW ND 1PF SRT4

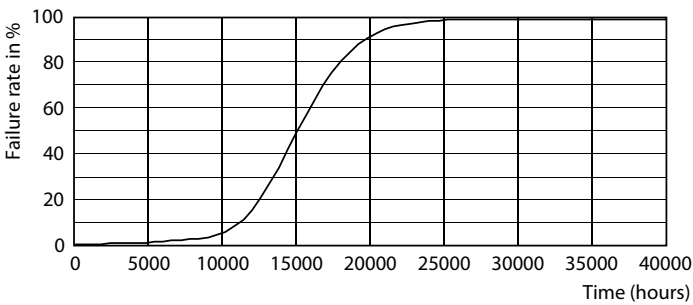
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Photometric data

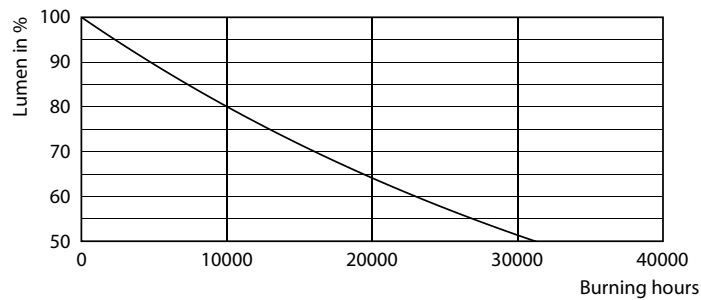


Light Distribution Diagram - LED 60W R7S 78mm CW ND 1PF SRT4

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - LED 60W R7S 78mm CW ND 1PF SRT4

