

CorePro LED linear MV



CorePro LEDlinear ND 7-60W R7S 78mm840

CorePro, LEDspot, R7S, 60 W, R7s, 4000 K, 1000 lm, CRI 80, 15000 h, Clear plastic

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 | LEDspot |
| Flux measurement reference | Sphere |
| Warranty period | 2 years |
| Light Technical | |
| Colour Code | 840 [CCT of 4000K] |
| Beam angle (nom.) | 300 degree(s) |
| Luminous Flux | 1,000 lm |
| Colour designation | Cool White (CW) |
| Correlated Colour Temperature (Nom) | 4000 K |
| Luminous efficacy (rated) (nom.) | 142 lm/W |
| Colour consistency | <6 |
| Colour rendering index (CRI) | 80 |

| LLMF at end of nominal lifetime (nom.) | 70 % |
|--|-------------|
| Photobiological safety according to EN 62471 RGO | |
| 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 |

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Controls and Dimming

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

Mechanical and Housing

| | |
|--------------------|---------------|
| Lamp Finish | Clear |
| Bulb material | Clear plastic |
| Bulb shape | R7S |
| Net Weight (Piece) | 0.037 kg |

Approval and Application

| | |
|------------------------------------|---------------|
| Energy Efficiency Class | D |
| Suitable for accent lighting | No |
| Energy consumption kWh/1,000 hours | 7 kWh |
| EPREL Registration Number | 1932589 |
| EU RoHS compliant | Yes |
| EyeComfort | Yes |
| Flickering value (PstLM) | 1 |
| Stroboscopic effect | 0.4 |
| Ambient temperature range | -20 to +45 °C |

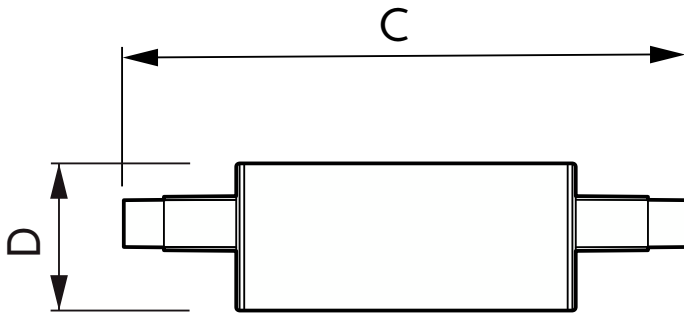
Application Conditions

| | |
|-------------------------------------|----------------|
| Can it be used in closed luminaires | No |
| Wireless Technology | Not applicable |

Product Data

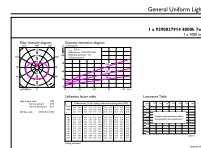
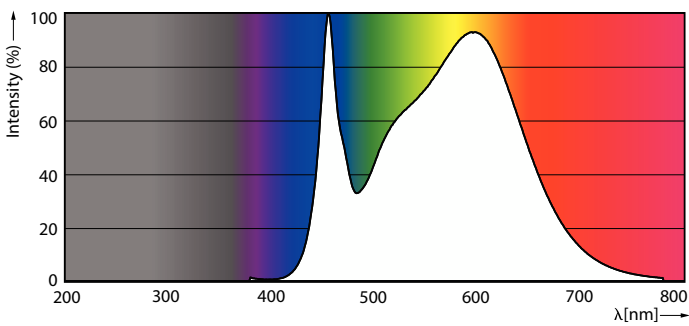
| | |
|---------------------------------|---|
| Order product name | CorePro LEDlinear ND 7-60W R7S 78mm840 |
| Full product name | CorePro LEDlinear ND 7-60W R7S 78mm840 |
| Full EOC | 872016930195500 |
| Order code | 929003791402 |
| Material no. (12 NC) | 929003791402 |
| Numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8720169301955 |
| Numerator – packs per outer box | 10 |
| EAN/UPC - Case | 8720169301962 |

Dimensional drawing



| Product | D | C |
|--|-------|-------|
| CorePro LEDlinear ND 7-60W R7S 78mm840 | 28 mm | 78 mm |

Photometric data



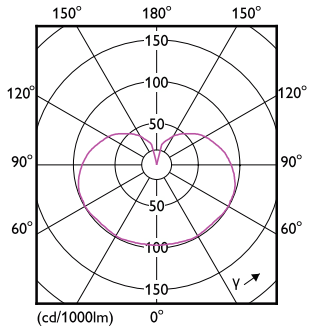
General uniform lighting - CorePro LEDlinear ND 7-60W R7S 78mm840

Spectral Power Distribution Colour - CorePro LEDlinear ND 7-60W R7S 78mm840

General uniform lighting - CorePro LEDlinear ND 7-60W R7S 78mm840

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Photometric data



Light Distribution Diagram - CorePro LEDlinear ND 7-60W R7S 78mm840

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDlinear ND 7-60W R7S 78mm840

