



# CorePro LED spot Reflectors

## CoreProLEDspot D 4.5-60W R63 E27 827 36D

CorePro, LEDspot, R63, 60 W, E27, 2700 K, 345 lm, CRI 80, 15000 h, Glass

CorePro LEDspots Reflectors are a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with an E27 or E14 base and are designed as a retrofit replacement for halogen or incandescent spots. CorePro LEDspots Reflectors deliver significant energy savings and minimise maintenance costs.

### Product data

| General Information                 |                    | Operating and Electrical               |             |
|-------------------------------------|--------------------|--|-------------|
| Cap base                            | E27                | Colour consistency                     | <6          |
| Nominal lifetime                    | 15,000 h           | Colour rendering index (CRI)           | 80          |
| Switching Cycle                     | 50,000             | LLMF at end of nominal lifetime (nom.) | 70 %        |
| Lighting Technology                 | LEDspot            | Luminous flux in 90° cone (rated)      | 345 lm      |
| Flux measurement reference          | Narrow Cone        |  |             |
| Warranty period                     | 2 years            | Line Frequency                         | 50 to 60 Hz |
|                                     |                    | Input frequency                        | 50 to 60 Hz |
| Light Technical                     |                    | Power Consumption                      | 4.5 W       |
| Colour Code                         | 827 [CCT of 2700K] | Lamp current (nom.)                    | 25 mA       |
| Beam angle (nom.)                   | 36 degree(s)       | Wattage equivalent                     | 60 W        |
| Luminous Flux                       | 345 lm             | Starting time (nom.)                   | 0.5 s       |
| Luminous intensity (nom.)           | 620 cd             | Warm-up time to 60% light              | 0.5 s       |
| Colour designation                  | Warm White (WW)    | Power Factor (Fraction)                | 0.7         |
| Correlated Colour Temperature (Nom) | 2700 K             | Voltage (nom.)                         | 220-240 V   |
| Luminous efficacy (rated) (nom.)    | 76.00 lm/W         |  |             |

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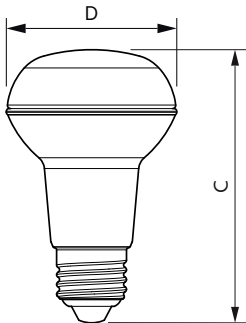
| Temperature                        |                            |
|------------------------------------|----------------------------|
| T-Case maximum (nom.)              | 80 °C                      |
| Controls and Dimming               |                            |
| Dimmable                           | Only with specific dimmers |
| Mechanical and Housing             |                            |
| Lamp Finish                        | Clear                      |
| Bulb material                      | Glass                      |
| Bulb shape                         | R63                        |
| Net Weight (Piece)                 | 0.094 kg                   |
| Approval and Application           |                            |
| Energy Efficiency Class            | F                          |
| Suitable for accent lighting       | Yes                        |
| Energy consumption kWh/1,000 hours | 5 kWh                      |
| EPREL Registration Number          | 397644                     |
| CE mark                            | Yes                        |
| 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 |

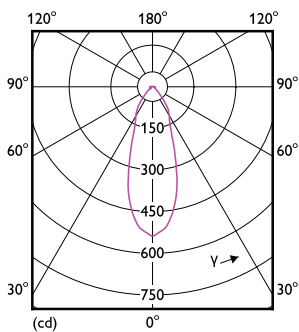
| Product Data                    |  |
|---------------------------------|--|
| Order product name              | CoreProLEDspot D 4.5-60W R63 E27 827 36D |
| Full product name               | CoreProLEDspot D 4.5-60W R63 E27 827 36D |
| Full EOC                        | 871869681181800                          |
| Order code                      | 929001891402                             |
| Material no. (12 NC)            | 929001891402                             |
| Numerator – quantity per pack   | 1  |
| EAN/UPC – Product/Case          | 8718696811818                            |
| Numerator – packs per outer box | 6  |
| EAN/UPC - Case                  | 8718696811825                            |

## Dimensional drawing

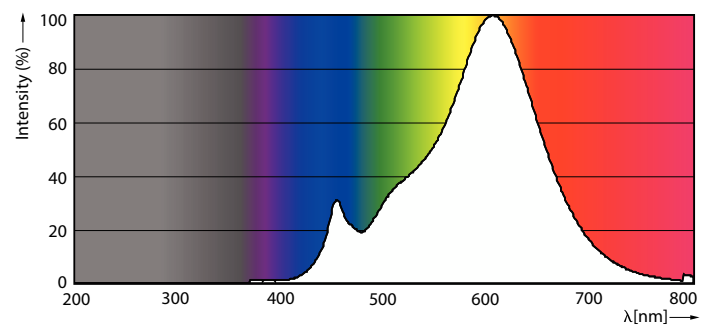


| Product                                  | D     | C      |
|--|-------|--------|
| CoreProLEDspot D 4.5-60W R63 E27 827 36D | 63 mm | 102 mm |

## Photometric data



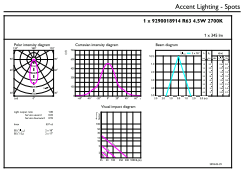
Light Distribution Diagram - CoreProLEDspot D 4.5-60W R63 E27 827 36D



Spectral Power Distribution Colour - CoreProLEDspot D 4.5-60W R63 E27 827 36D

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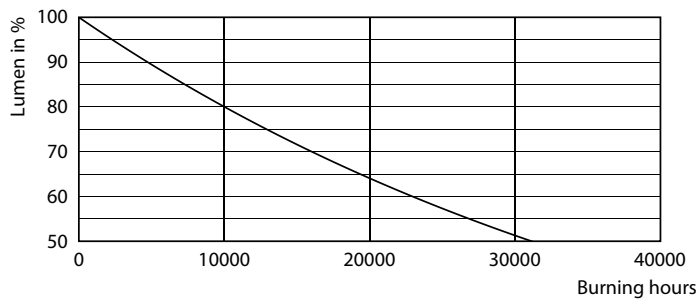
## Photometric data



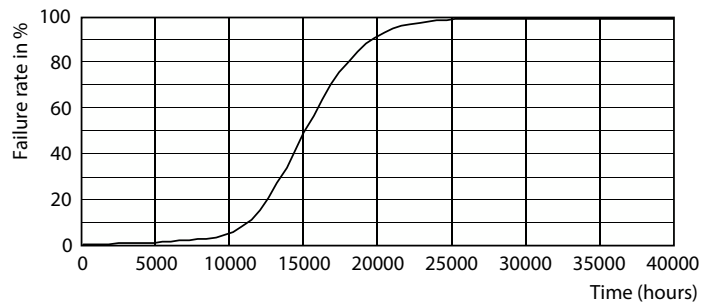
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Accent Lighting Spots - CoreProLEDspot D 4.5-60W R63 E27 827 36D

## Lifetime



Lumen Maintenance Diagram - CoreProLEDspot D 4.5-60W R63 E27 827 36D



LEDspot CorePro 1.8-30W E14 R39 827 36D ND

