



Essential LEDspot PAR

Essential LED 12-100W PAR30s 865 25D KR

Essential LED PAR is an affordable LED spot lamp that is designed as a retrofit replacement for halogen spots PAR lamps. It provides a natural lighting effect as well as instant energy savings – an environment-friendly solution. The Philips Essential LED family is designed for spot and general lighting applications in the hospitality and retail segments.

Product data

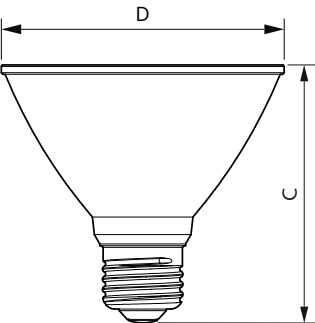
| General Information | |
|---------------------------------------|-----------------------------------|
| Cap-Base | E26 [Single Contact Medium Screw] |
| Nominal lifetime | 15,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |
| Light Technical | |
| Color Code | 865 [CCT of 6500K] |
| Beam Angle (Nom) | 25 degree(s) |
| Luminous Flux | 1,100 lm |
| Luminous Intensity (Nom) | 2,700 cd |
| Color Designation | Cool Daylight |
| Correlated Color Temperature (Nom) | 6500 K |
| Luminous Efficacy (rated) (Nom) | 91.00 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |

| Operating and Electrical | |
|---------------------------|-----------------------------------|
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 12 W |
| Lamp Current (Nom) | 60 mA |
| Wattage Equivalent | 100 W |
| Starting Time (Nom) | 0.8 s |
| Warm-up time to 60% light | 0.8 s |
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | 220 V |
| Temperature | |
| T-Case Maximum (Nom) | 90 °C |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Shape | PAR30S [PAR 3.75 inch/95mm Short] |

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| | |
|-------------------------------|---|
| Approval and Application | |
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | 12 kWh |
| Product Data | |
| Order product name | Essential LED 12-100W PAR30s 865 25D KR |
| Full product name | Essential LED 12-100W PAR30s 865 25D KR |
| Full product code | 871869959812900 |

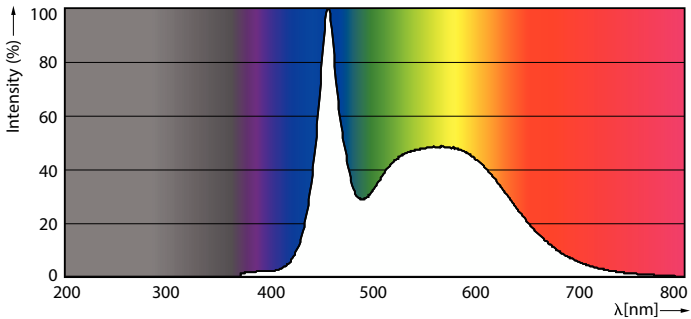
Dimensional drawing



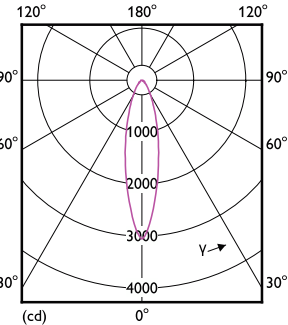
| | |
|---------------------------------|---------------|
| Order code | 929001944608 |
| Material Nr. (12NC) | 929001944608 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699598129 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 8718699598136 |

| Product | D | C |
|---|-------|-------|
| Essential LED 12-100W PAR30s 865 25D KR | 86 mm | 93 mm |

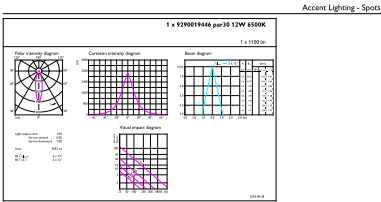
Photometric data



Spectral Power Distribution Colour - Essential LED 12-100W PAR30s 865 25D KR



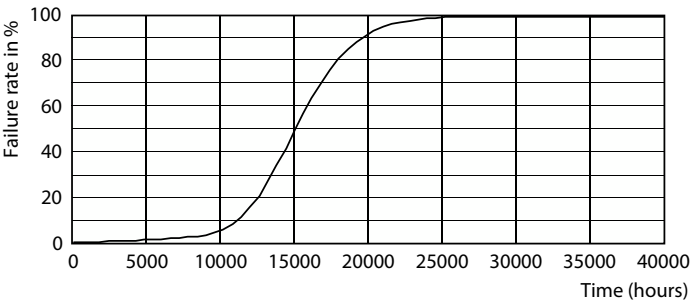
Light Distribution Diagram - Essential LED 12-100W PAR30s 865 25D KR



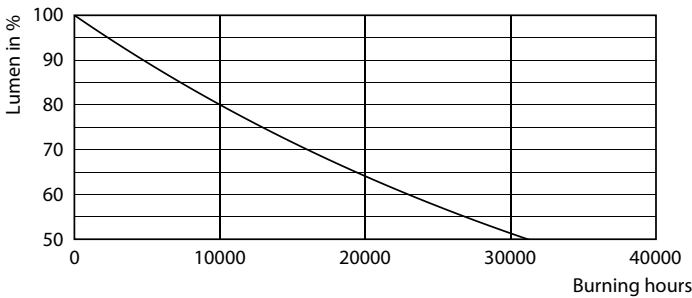
Accent Lighting Spots - Essential LED 12-100W PAR30s 865 25D KR

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Lifetime



Life Expectancy Diagram - Essential LED 12-100W PAR30s 865 25D KR



Lumen Maintenance Diagram - Essential LED 12-100W PAR30s 865 25D KR

