



Essential LEDspot PAR

Essential LED 10-80W PAR38 827 25D

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 | E27 [E27] |
| Nominal lifetime | 15,000 hour(s) |
| Switching Cycle | 25,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |
| Light Technical | |
| Color Code | 827 [CCT of 2700K] |
| Beam Angle (Nom) | 25 degree(s) |
| Luminous Flux | 900 lm |
| Luminous Intensity (Nom) | 1,800 cd |
| Color Designation | Warm White (WW) |
| Correlated Color Temperature (Nom) | 2700 K |
| Luminous Efficacy (rated) (Nom) | 90.00 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |

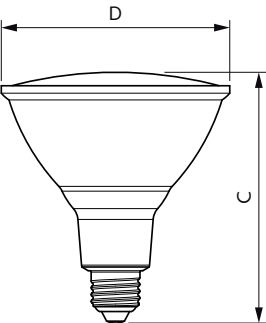
| Operating and Electrical | |
|---------------------------|-----------------------------|
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 10 W |
| Lamp Current (Nom) | 44 mA |
| Wattage Equivalent | 80 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | 220-240 V |
| Temperature | |
| T-Case Maximum (Nom) | 80 °C |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Shape | PAR38 [PAR 4.75 inch/121mm] |

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| | |
|-------------------------------|------------------------------------|
| Approval and Application | |
| Suitable For Accent Lighting | Yes |
| Energy Consumption kWh/1000 h | 10 kWh |
| Product Data | |
| Order product name | Essential LED 10-80W PAR38 827 25D |
| Full product name | Essential LED 10-80W PAR38 827 25D |
| Full product code | 871869672867300 |

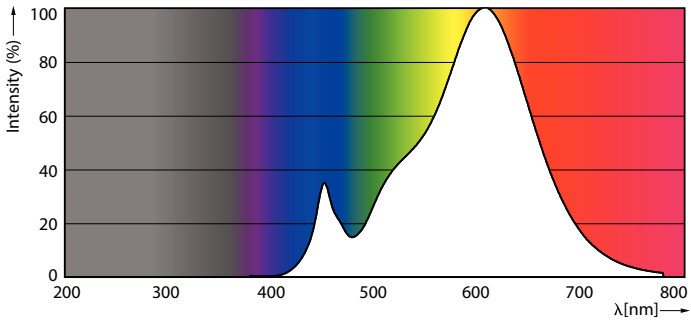
| | |
|---------------------------------|---------------|
| Order code | 929001322708 |
| Material Nr. (12NC) | 929001322708 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696728673 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 8718696728680 |

Dimensional drawing

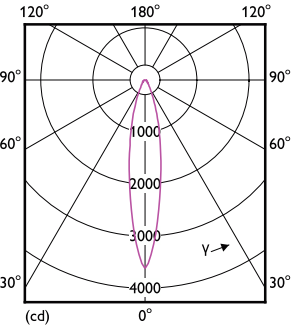


| Product | D | C |
|------------------------------------|--------|--------|
| Essential LED 10-80W PAR38 827 25D | 122 mm | 134 mm |

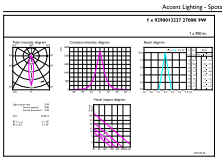
Photometric data



Spectral Power Distribution Colour - Essential LED 10-80W PAR38 827 25D



Light Distribution Diagram - Essential LED 10-80W PAR38 827 25D



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Accent Lighting Spots - Essential LED 10-80W PAR38 827 25D

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Lifetime



Life Expectancy Diagram - Essential LED 10-80W PAR38 827 25D



Lumen Maintenance Diagram - Essential LED 10-80W PAR38 827 25D

