PHILIPS Lighting



MASTER LEDspot PAR

MASLEDspot D 13-100W 827WW PAR38 25D

With its robust design and warm-white beam of light, these new-generation PAR lamps are ideal for general lighting and spot lighting in the hospitality industry. There is a choice of dimmable and non-dimmable versions. They are especially suitable for public areas such as lobbies, corridors, stairwells, where the light is always on. Compatible with existing fixtures with an E27 holder and designed for retrofit replacement of halogen/incandescent lamps, MASTER LEDspot PAR deliver huge energy savings and minimize maintenance cost without any reduction in brightness. The IP44-rated outdoor version of the PAR 38 lamp is one of the few energy-saving alternatives to incandescent PAR38 outdoor lamps available today. The dimmable PAR 20 is a perfect replacement for an incandescent spot.

Product data

| General Information | |
|----------------------------------|--------------------|
| Cap base | E27 [E27] |
| Nominal lifetime | 40,000 h |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |
| | |
| Light Technical | |
| Colour Code | 827 [CCT of 2700K] |
| Beam angle (nom.) | 25 degree(s) |
| Luminous Flux | 1,100 lm |
| Luminous intensity (nom.) | 5,000 cd |
| Colour designation | Warm White (WW) |
| Correlated Colour Temperature | 2700 K |
| Luminous efficacy (rated) (nom.) | 77.00 lm/W |
| Colour consistency | <6 |
| Colour rendering index (CRI) | 80 |
| | |

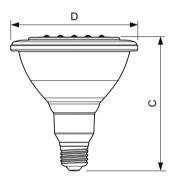
| LLMF at end of nominal lifetime (nom.) | 70 % |
|--|----------------------|
| Luminous flux in 90° cone (rated) | 1,000 lm |
| | |
| Operating and Electrical | |
| Line Frequency | 50 to 60 Hz |
| Input frequency | 50 to 60 Hz |
| Power Consumption | 13 W |
| Lamp current (nom.) | 60 mA |
| Wattage equivalent | 100 W |
| Starting time (nom.) | 0.5 s |
| Warm-up time to 60% light | Instant full light s |
| Power Factor (Fraction) | 0.9 |
| Voltage (nom.) | 220-240 V |
| | |
| Temperature | |
| T-Case maximum (nom.) | 65 ℃ |
| | |

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| Controls and Dimming | |
|------------------------------------|--------------------------------------|
| Dimmable | Yes |
| | |
| Mechanical and Housing | |
| Bulb shape | PAR38 [PAR 4.75 inch/121 mm] |
| | |
| Approval and Application | |
| Suitable for accent lighting | Yes |
| Energy consumption kWh/1,000 hours | 13 kWh |
| | |
| Product Data | |
| Order product name | MASLEDspot D 13-100W 827WW PAR38 25D |

| Full product name | MASLEDspot D 13-100W 827WW PAR38 25D |
|-----------------------------------|--------------------------------------|
| Full EOC | 871869646043600 |
| Order code | 46043600 |
| Material no. (12 NC) | 929001142802 |
| SAP numerator - quantity per pack | 1 |
| EAN/UPC — Product/Case | 8718696460436 |
| Numerator – packs per outer box | 10 |
| EAN/UPC - Case | 8718696460443 |

Dimensional drawing

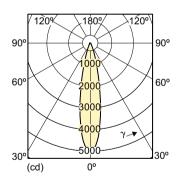


MASLEDspot D 13-100W 827WW PAR38 25D 124 mm 132 mm

D

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Photometric data



Light Distribution Diagram - MASLEDspot D 13-100W 827WW PAR38 25D

5pectral Power Distribution Colour - MASLEDspot D 13-100W 827WW

PAR38 25D

Product

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