



# MASTER LEDspot PAR

## MAS LEDspot D 13-100W E27 927 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                   | 25,000 hour(s)  |
| Switching Cycle                    | 25,000          |
| Lighting Technology                | LED             |
| EU RoHS compliant                  | Yes             |
| Light Technical                    |                 |
| Color Code                         | 927             |
| Beam Angle (Nom)                   | 25 degree(s)    |
| Luminous Flux                      | 1,000 lm        |
| Luminous Intensity (Nom)           | 4,000 cd        |
| Color Designation                  | Warm White (WW) |
| Correlated Color Temperature (Nom) | 2700 K          |
| Luminous Efficacy (rated) (Nom)    | 76.92 lm/W      |
| Color Consistency                  | <6              |
| Color rendering index (CRI)        | 90              |

| 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                     | 13 W        |
| Lamp Current (Nom)                    | 65 mA       |
| Wattage Equivalent                    | 100 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       |

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## Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

## Mechanical and Housing

|            |                             |
|------------|-----------------------------|
| Bulb Shape | PAR38 [PAR 4.75 inch/121mm] |
|------------|-----------------------------|

## Approval and Application

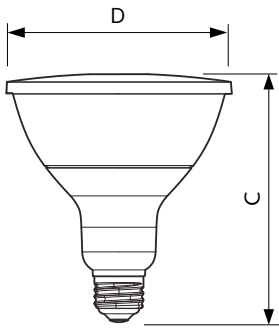
|                               |        |
|-------------------------------|--------|
| Suitable For Accent Lighting  | Yes    |
| Energy Consumption kWh/1000 h | 13 kWh |

## Product Data

|                    |   |
|--------------------|---|
| Order product name | MAS LEDspot D 13-100W E27 927 PAR38 25D |
|--------------------|---|

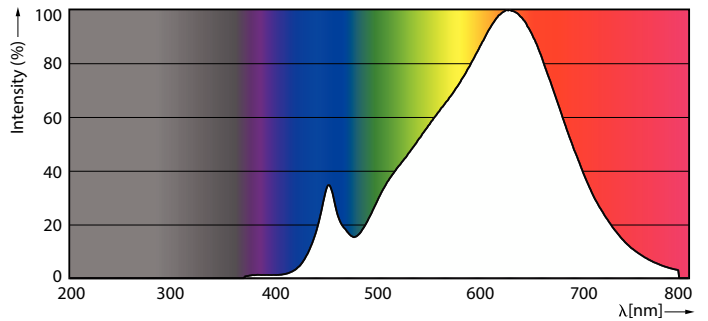
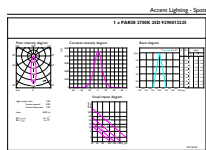
|                                 |   |
|---------------------------------|---|
| Full product name               | MAS LEDspot D 13-100W E27 927 PAR38 25D |
| Full product code               | 871869671410200                         |
| Order code                      | 929001322508                            |
| Material Nr. (12NC)             | 929001322508                            |
| Numerator - Quantity Per Pack   | 1                                       |
| EAN/UPC - Product/Case          | 8718696714102                           |
| Numerator - Packs per outer box | 6                                       |
| EAN/UPC - Case                  | 8718696714119                           |

## Dimensional drawing



| Product                                 | D      | C      |
|---|--------|--------|
| MAS LEDspot D 13-100W E27 927 PAR38 25D | 122 mm | 134 mm |

## Photometric data

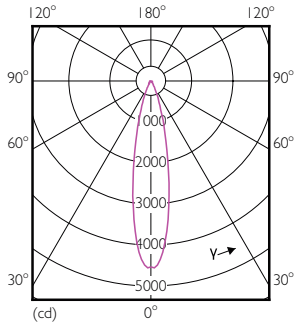


Accent Lighting Spots - MAS LEDspot D 13-100W E27 927 PAR38 25D

Spectral Power Distribution Colour - MAS LEDspot D 13-100W E27 927 PAR38 25D

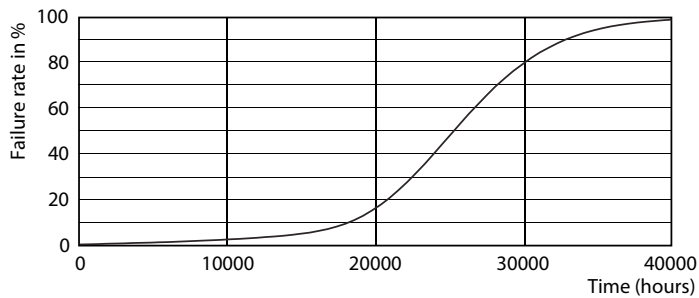
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## Photometric data

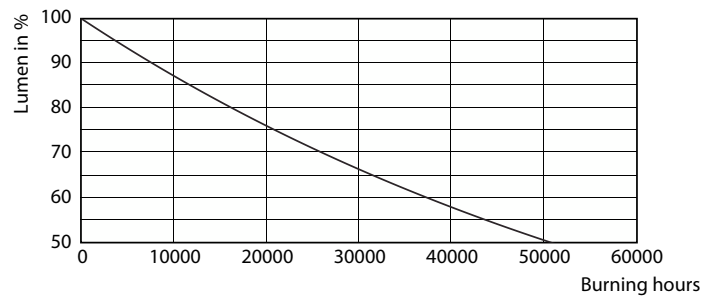


Light Distribution Diagram - MAS LEDspot D 13-100W E27 927 PAR38 25D

## Lifetime



Life Expectancy Diagram - MAS LEDspot D 13-100W E27 927 PAR38 25D



Lumen Maintenance Diagram - MAS LEDspot D 13-100W E27 927 PAR38 25D

