



# MASTER LEDspot PAR – The energy-saving alternative for lighting in public areas

## MASTER LEDspot PAR

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.

### Benefits

- Up to 80% energy saving compared to halogen lamps
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- Retrofittable and compatible with existing fixtures with E27 holder
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- Lower maintenance costs
- Lower maintenance costs

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## Features

- Lifetime of 45,000 hours
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- Dimmable (except PAR38 OD)
- Dimmable
- UV- and IR-free light for less heat and protection for heat-sensitive objects
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- Free of mercury and hazardous materials
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## Application

- Especially suitable for public areas like lobbies, corridors, stairwells and restaurants/bars
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## Versions



MASTER LEDspot PAR 100W E27 827 25D

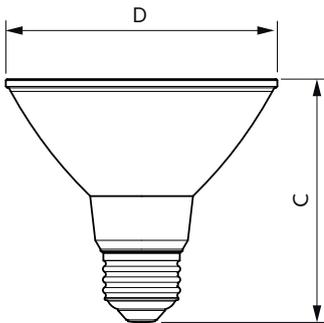


LEDclassic PAR38 25D POS2



LEDspots MAS GMGC1 PAR30S E27

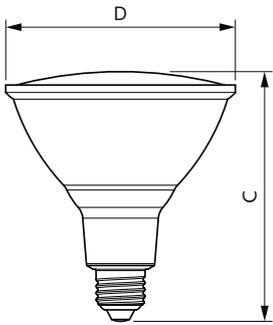
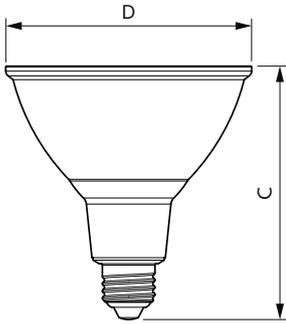
## Dimensional drawing



| Product                                  | D     | C     |
|--|-------|-------|
| MAS LEDspot D 12-100W E27 927 PAR30S 25D | 92 mm | 84 mm |

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## Dimensional drawing



| Product                                 | D      | C      |
|---|--------|--------|
| MAS LEDspot D 13-100W E27 927 PAR38 25D | 124 mm | 130 mm |

| Product                                  | D      | C      |
|--|--------|--------|
| LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT | 122 mm | 134 mm |

| General Information                   |               |
|---------------------------------------|---------------|
| Cap-Base                              | E27           |
| Light Technical                       |               |
| Beam Angle (Nom)                      | 25 degree(s)  |
| Correlated Color Temperature (Nom)    | 2700 K        |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %          |
| Operating and Electrical              |               |
| Input Frequency                       | 50 to 60 Hz   |
| Starting Time (Nom)                   | 0.5 s         |
| Temperature                           |               |
| Ambient temperature range             | -20 to +45 °C |
| Mechanical and Housing                |               |
| Bulb Finish                           | Clear         |

## General Information

| Order Code   | Full Product Name                        | Rated Lifetime (Hours) | Switching Cycle | Nominal lifetime |
|--------------|--|------------------------|-----------------|------------------|
| 929001322779 | LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT | 15,000 hour(s)         | 25,000          | 15,000 hour(s)   |
| 929002339008 | MAS LEDspot D 13-100W E27 927 PAR38 25D  | -                      | 50,000          | 25,000 hour(s)   |
| 929002030808 | MAS LEDspot D 12-100W E27 927 PAR30S 25D | -                      | 50,000          | 25,000 hour(s)   |

## Light Technical

| Order Code   | Full Product Name                        | Color rendering index (CRI) | Color Code | Luminous Flux | Luminous Intensity (Nom) |
|--------------|--|-----------------------------|------------|---------------|--------------------------|
| 929001322779 | LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT | 80                          | 827        | 900 lm        | 1,800 cd                 |

| Order Code   | Full Product Name                       | Color rendering index (CRI) | Color Code | Luminous Flux | Luminous Intensity (Nom) |
|--------------|---|-----------------------------|------------|---------------|--------------------------|
| 929002339008 | MAS LEDspot D 13-100W E27 927 PAR38 25D | 90                          | 927        | 1,100 lm      | 3,500 cd                 |

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| Order Code   | Full Product Name                        | Color rendering index (CRI) | Color Code | Luminous Flux | Luminous Intensity (Nom) |
|--------------|--|-----------------------------|------------|---------------|--------------------------|
| 929002030808 | MAS LEDspot D 12-100W E27 927 PAR30S 25D | 90                          | 927        | 1,000 lm      | 3,000 cd                 |

## Operating and Electrical

| Order Code   | Full Product Name                        | Power Consumption | Wattage Equivalent |
|--------------|--|-------------------|--------------------|
| 929001322779 | LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT | 10 W              | 80 W               |
| 929002339008 | MAS LEDspot D 13-100W E27 927 PAR38 25D  | 13 W              | 100 W              |

| Order Code   | Full Product Name                        | Power Consumption | Wattage Equivalent |
|--------------|--|-------------------|--------------------|
| 929002030808 | MAS LEDspot D 12-100W E27 927 PAR30S 25D | 12 W              | 100 W              |

## Temperature

| Order Code   | Full Product Name                        | T-Case Maximum (Nom) |
|--------------|--|----------------------|
| 929001322779 | LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT | 80 °C                |
| 929002339008 | MAS LEDspot D 13-100W E27 927 PAR38 25D  | 75 °C                |

| Order Code   | Full Product Name                        | T-Case Maximum (Nom) |
|--------------|--|----------------------|
| 929002030808 | MAS LEDspot D 12-100W E27 927 PAR30S 25D | 85 °C                |

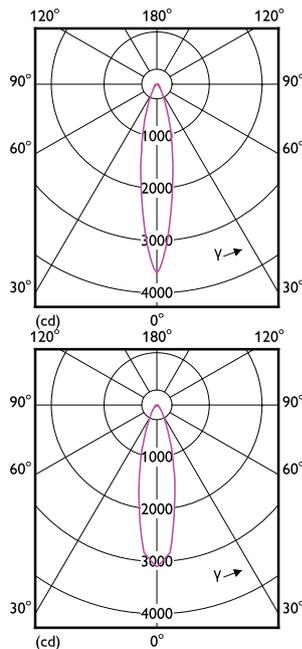
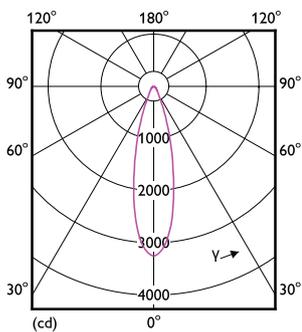
## Controls and Dimming

| Order Code   | Full Product Name                        | Dimmable                   |
|--------------|--|----------------------------|
| 929001322779 | LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT | No                         |
| 929002339008 | MAS LEDspot D 13-100W E27 927 PAR38 25D  | Only with specific dimmers |

| Order Code   | Full Product Name                        | Dimmable                   |
|--------------|--|----------------------------|
| 929002030808 | MAS LEDspot D 12-100W E27 927 PAR30S 25D | Only with specific dimmers |

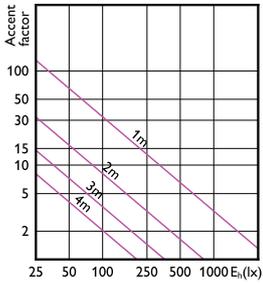
## Mechanical and Housing

| Order Code   | Full Product Name                        | Bulb Shape |
|--------------|--|------------|
| 929001322779 | LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT | PAR38      |
| 929002339008 | MAS LEDspot D 13-100W E27 927 PAR38 25D  | PAR38      |
| 929002030808 | MAS LEDspot D 12-100W E27 927 PAR30S 25D | PAR30S     |

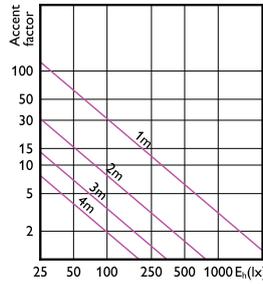


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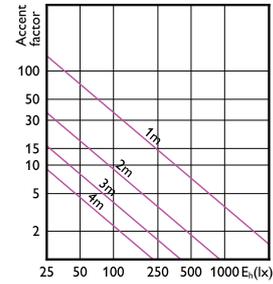
## Accent Diagrams



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

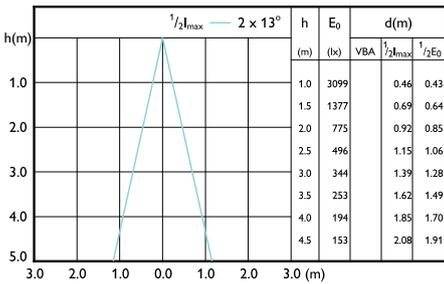


Accent Diagram - MAS LEDspot D 12-100W E27 927 PAR30S 25D

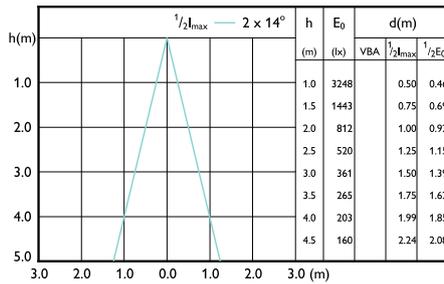


Accent Diagram - LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT

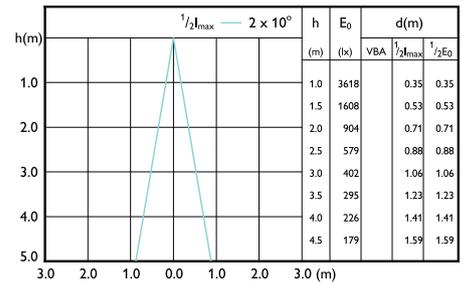
## Beam Diagrams



Beam diagram - MAS LEDspot D 12-100W E27 927 PAR30S 25D



Beam diagram - MAS LEDspot D 13-100W E27 927 PAR38 25D



Beam diagram - LEDClassic 10-80WPAR38 827 25D 1CT/3 SRT

