MASTER LEDspot PAR

MAS LEDspot CLA D 13-100W 827 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	827 [CCT of 2700K]
Beam Angle (Nom)	25 degree(s)
Luminous Flux	875 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)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	875 lm

Operating and Electrical	
Line Frequency	50 Hz
Input Frequency	50 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

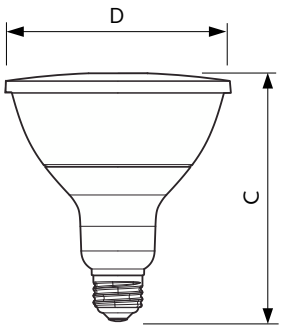
Mechanical and Housing	
Bulb Shape	PAR38 [PAR 4.75 inch/121mm]

Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	13 kWh
EyeComfort	Yes

Product Data	
Order product name	MAS LEDspot CLA D 13-100W 827 PAR38 25D

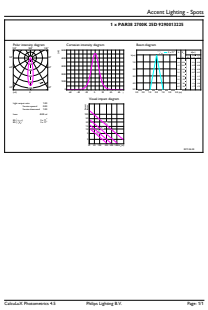
Full product name	MAS LEDspot CLA D 13-100W 827 PAR38 25D
Full product code	871869671376100
Order code	929001322502
Material Nr. (12NC)	929001322502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696713761
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696713778

Dimensional drawing

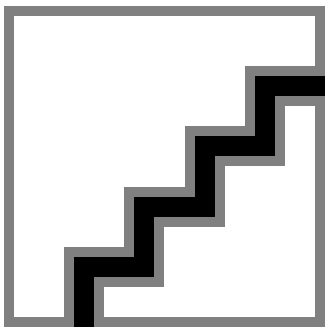


Product	D	C
MAS LEDspot CLA D 13-100W 827 PAR38 25D	122 mm	134 mm

Photometric data



Accent Lighting Spots - MAS LEDspot CLA D 13-100W 827 PAR38 25D



Spectral Power Distribution Colour - MAS LEDspot CLA D 13-100W 827 PAR38 25D

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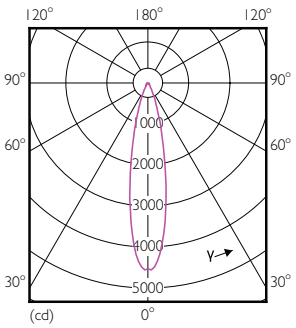
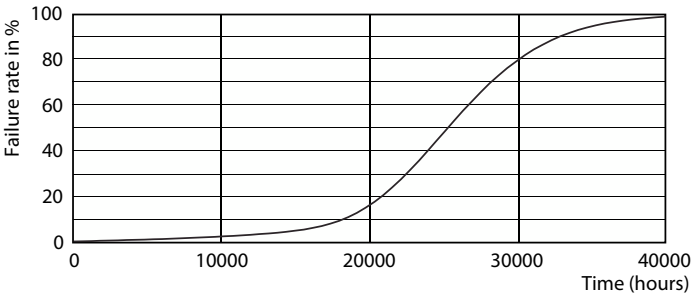
Photometric data

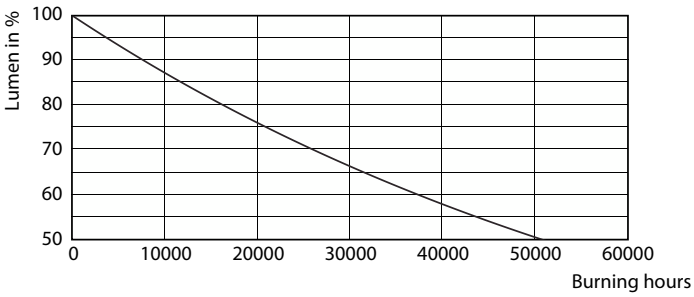


Light Distribution Diagram - MAS LEDspot CLA D 13-100W 827 PAR38 25D

Lifetime



Life Expectancy Diagram - MAS LEDspot CLA D 13-100W 827 PAR38 25D



Lumen Maintenance Diagram - MAS LEDspot CLA D 13-100W 827 PAR38 25D

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