



# MASTER LEDspot PAR

## MAS LEDspot CLA D 6-50W 827 PAR20 40D

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 h
Switching Cycle	25,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Colour Code	827 [CCT of 2700K]
Beam angle (nom.)	40 degree(s)
Luminous Flux	500 lm
Luminous intensity (nom.)	800 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K
Luminous efficacy (rated) (nom.)	86.67 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80

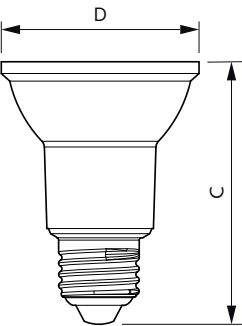
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	500 lm
Operating and Electrical	
Line Frequency	50 Hz
Input frequency	50 Hz
Power Consumption	6 W
Lamp current (nom.)	32 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.85
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	PAR20 [PAR 2.5 inch/63 mm]
Approval and Application	
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	6 kWh
Product Data	
Order product name	MAS LEDspot CLA D 6-50W 827 PAR20 40D

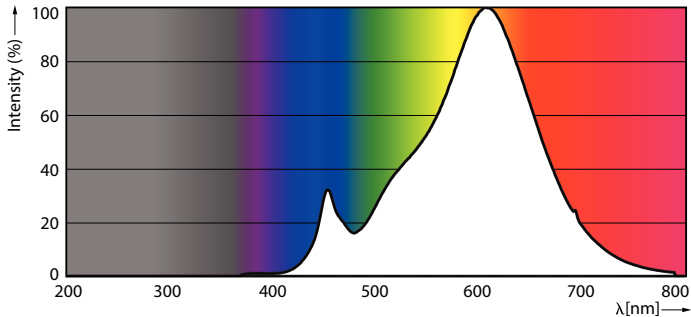
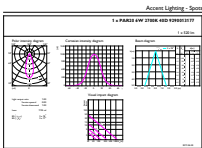
Full product name	MAS LEDspot CLA D 6-50W 827 PAR20 40D
Full EOC	871869671370900
Order code	71370900
Material no. (12 NC)	929001317702
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696713709
Numerator – packs per outer box	6
EAN/UPC – Case	8718696713716

## Dimensional drawing



Product	D	C
MAS LEDspot CLA D 6-50W 827 PAR20 40D	64 mm	85 mm

## Photometric data

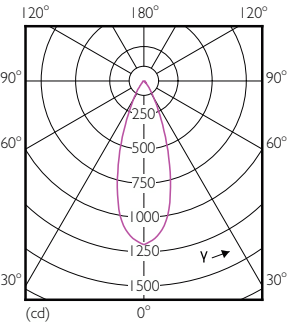


Accent Lighting Spots - MAS LEDspot CLA D 6-50W 827 PAR20 40D

Spectral Power Distribution Colour - MAS LEDspot CLA D 6-50W 827 PAR20 40D

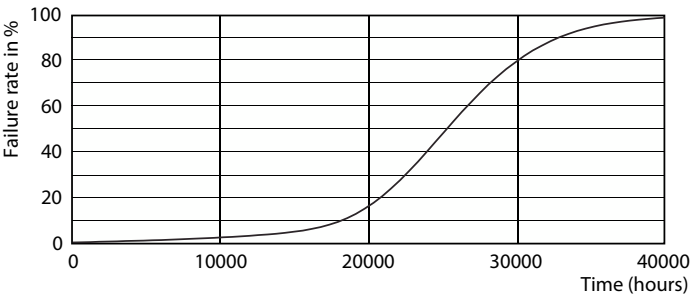
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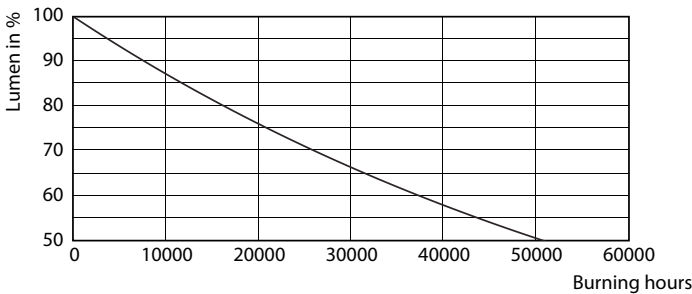


Light Distribution Diagram - MAS LEDspot CLA D 6-50W 827 PAR20 40D

## Lifetime



Life Expectancy Diagram - MAS LEDspot CLA D 6-50W 827 PAR20 40D



Lumen Maintenance Diagram - MAS LEDspot CLA D 6-50W 827 PAR20 40D

