

MASTER LEDspot PAR

MASTER LEDspot D 5.5-50W 3000K PAR20 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	45,000 h
Switching Cycle	20,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Colour Code	830 [CCT of 3000K]
Beam angle (nom.)	25 degree(s)
Luminous Flux	490 lm
Luminous intensity (nom.)	2,050 cd
Colour designation	White (WH)
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	89 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80

LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	450 lm

Operating and Electrical	
Line Frequency	50 Hz
Input frequency	50 Hz
Power Consumption	5.5 W
Lamp current (nom.)	31 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	Instant full light s
Power Factor (Fraction)	0.85
Voltage (nom.)	230 V

Temperature	
T-Case maximum (nom.)	85 °C

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Controls and Dimming	
Dimmable	Yes

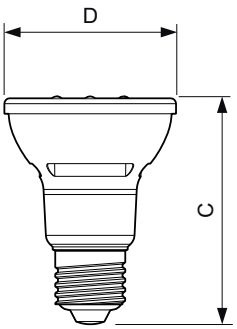
Mechanical and Housing	
Bulb shape	PAR20 [PAR 2.5 inch/63 mm]

Approval and Application	
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	6 kWh

Product Data	
Order product name	MASTER LEDspot D 5.5-50W 3000K PAR20 25D

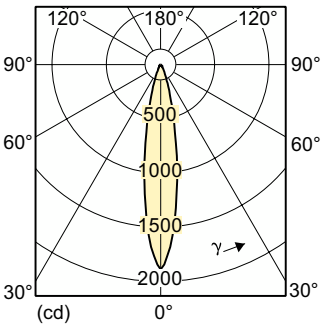
Full product name	MASTER LEDspot D 5.5-50W 3000K PAR20 25D
Full EOC	871869646065800
Order code	46065800
Material no. (12 NC)	929001145402
Local order code	MLED6PAR203025D
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696460658
Numerator – packs per outer box	6
EAN/UPC - Case	8718696460665

Dimensional drawing



Product	D	C
MASTER LEDspot D 5.5-50W 3000K PAR20 25D	65 mm	85.2 mm

Photometric data



Light Distribution Diagram - MASTER LEDspot D 5.5-50W 3000K PAR20 25D



Spectral Power Distribution Colour - MASTER LEDspot D 5.5-50W 3000K PAR20 25D



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