PHILIPS Lighting



MASTER LEDspot PAR

MASTER LEDspot D 5.5-50W 2700K 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	45,000 h	
Switching Cycle	20,000	
Lighting Technology	LED	
EU RoHS compliant	Yes	

Light Technical

Light reenneut	
Colour Code	827 [CCT of 2700K]
Beam angle (nom.)	40 degree(s)
Luminous Flux	480 lm
Luminous intensity (nom.)	950 cd
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K
Luminous efficacy (rated) (nom.)	87 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80

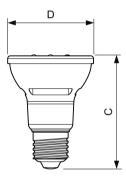
LLMF at end of nominal lifetime (nom.) 70 %				
Luminous flux in 90° cone (rated)	420 lm			
Operating and Electrical				
Line Frequency	50 Hz			
Input frequency	50 Hz			
Power Consumption	5.5 W			
Lamp current (nom.)	31 mA			
Starting time (nom.)	0.5 s			
Warm-up time to 60% light	Instant full light s			
Power Factor (Fraction)	0.85			
Voltage (nom.)	230 V			
Temperature				
T-Case maximum (nom.)	85 ℃			

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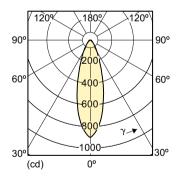
Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Bulb shape	PAR20 [PAR 2.5 inch/63 mm]	
Approval and Application		
Suitable for accent lighting	Yes	
Energy consumption kWh/1,000 hours	6 kWh	
Product Data		
Order product name	MASTER LEDspot D 5.5-50W 2700K PAR20	
	40D	

Full product name	MASTER LEDspot D 5.5-50W 2700K PAR20
	40D
Full EOC	871869646069600
Order code	46069600
Material no. (12 NC)	929001145602
Local order code	MLED6PAR202740D
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696460696
Numerator – packs per outer box	6
EAN/UPC - Case	8718696460702

Dimensional drawing

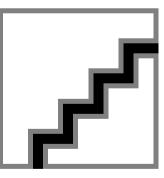


Photometric data



Light Distribution Diagram - MASTER LEDspot D 5.5-50W 2700K PAR20 40D

Product	D	с
MASTER LEDspot D 5.5-50W 2700K PAR20 40D	65 mm	85.2 mm



Spectral Power Distribution Colour - MASTER LEDspot D 5.5-50W 2700K PAR20 40D

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