

MASTER VALUE LEDspot PAR

MAS LEDspot VLE D 6-50W 940 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. It's a dimmable solution. They are especially suitable for public areas such as lobbies, corridors, stairwells, where the light is always on. The product offers more energy saving comparing with normal LED spots.

Product data

General Information	
Cap base	E27 [E27]
Nominal lifetime	25,000 h
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Flux measurement reference	Narrow Cone

Light Technical	
Colour Code	940 [CCT of 4000K]
Beam angle (nom.)	40 degree(s)
Luminous Flux	540 lm
Luminous intensity (nom.)	1,100 cd
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	90 lm/W
Colour consistency	<6
Colour rendering index (CRI)	90
LLMF at end of nominal lifetime (nom.)	70 %
Luminous flux in 90° cone (rated)	540 lm
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	6 W
Lamp current (nom.)	40 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (nom.)	220-240 V

Temperature	
T-Case maximum (nom.)	80 °C

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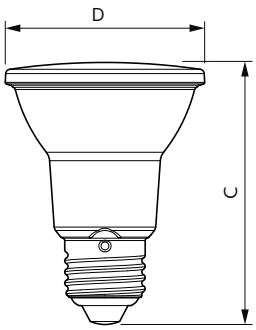
Controls and Dimming	
Dimmable	Only with specific dimmers

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

Approval and Application	
Energy Efficiency Class	F
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	6 kWh
EPREL registration number	1121753
EyeComfort	Yes

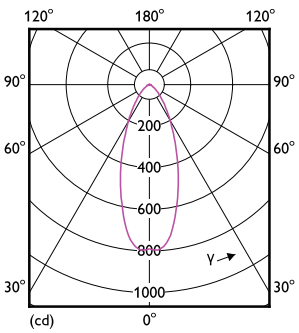
Product Data	
Full EOC	871951444314300
Order product name	MAS LEDspot VLE D 6-50W 940 PAR20 40D
Order code	44314300
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
Material number (12NC)	929003486202
Full product name	MAS LEDspot VLE D 6-50W 940 PAR20 40D
EAN/UPC - Case	8719514443150

Dimensional drawing

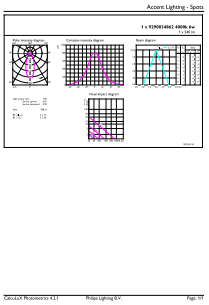


Product	D	C
MAS LEDspot VLE D 6-50W 940 PAR20 40D	65 mm	85 mm

Photometric data



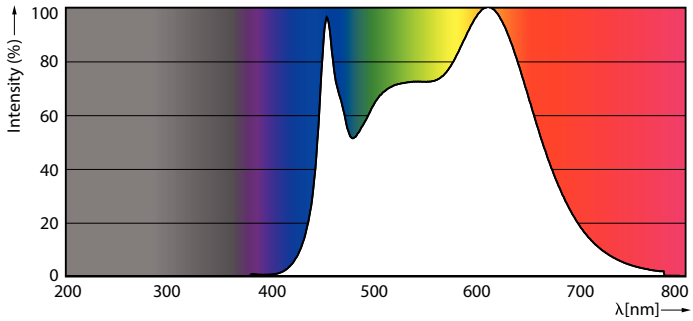
Light Distribution Diagram - MAS LEDspot VLE D 6-50W 940 PAR20 40D



Accent Lighting Spots - MAS LEDspot VLE D 6-50W 940 PAR20 40D

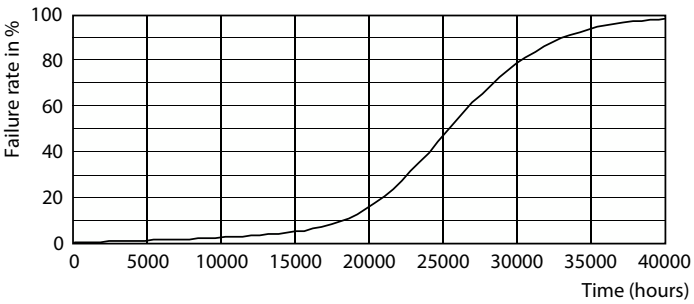
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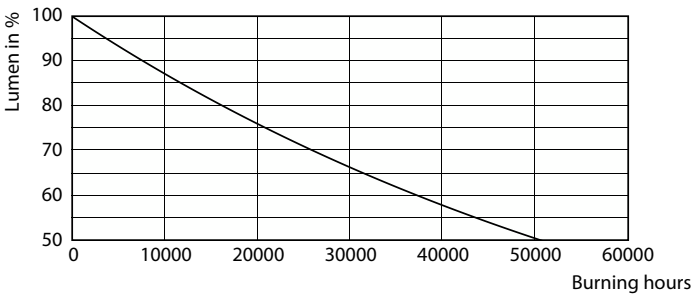


Spectral Power Distribution Colour - MAS LEDspot VLE D 6-50W 940 PAR20 40D

Lifetime



Life Expectancy Diagram - MAS LEDspot VLE D 6-50W 940 PAR20 40D



Lumen Maintenance Diagram - MAS LEDspot VLE D 6-50W 940 PAR20 40D

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