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MASTER VALUE LEDspot PAR

MAS LEDspot VLE D 6-50W 930 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
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Narrow Cone
Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	40 degree(s)
Luminous Flux	515 lm
Luminous Intensity (Nom)	1,000 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	85 lm/W
Color Consistency	<6
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	515 lm

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
Controls and Dimming	
Dimmable	Only with specific dimmers

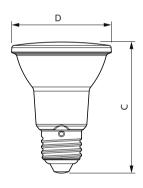
Datasheet, 2025, March 17 data subject to change

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Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	PAR20
Net Weight (Piece)	0.080 kg
Approval and Application	
Energy Efficiency Class	F
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	6 kWh
EPREL Registration Number	1121743
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4

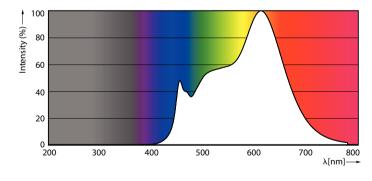
Application Conditions	
can it be used in closed luminaires	No
Product Data	
Order product name	MAS LEDspot VLE D 6-50W 930
	PAR20 40D
Full product name	MAS LEDspot VLE D 6-50W 930
	PAR20 40D
Full product code	871951444312900
Order code	929003486102
Material Nr. (12NC)	929003486102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514443129
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514443136

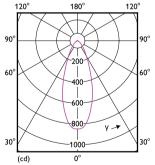
Dimensional drawing



Product	D	С
MAS LEDspot VLE D 6-50W 930 PAR20 40D	65 mm	85 mm

Photometric data





180°

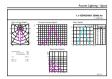
120°

Spectral Power Distribution Colour - MAS LEDspot VLE D 6-50W 930 PAR20 40D

Light Distribution Diagram - MAS LEDspot VLE D 6-50W 930 PAR20 40D

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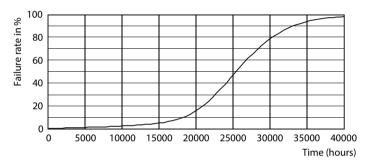
Photometric data

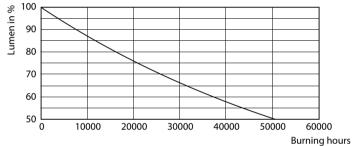


Calcalus Preconnector 42.1 Philips Lighting B.V. Physics

Accent Lighting Spots - MAS LEDspot VLE D 6-50W 930 PAR20 40D

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - MAS LEDspot VLE D 6-50W 930 PAR20 40D



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