



LED PAR38

10PAR38/90W/DipS/5CCT/40D/D/P/E26/T20

LEDspot, PAR38, 90 W, E26, 2700 K, 3000 K, 3500 K, 4000 K, 5000 K, 900 lm, 25000 hour(s), Plastic

LEDspot, PAR38, 90 W, E26, 2700 K, 3000 K, 3500 K, 4000 K, 5000 K, 900 lm, 25000 hour(s), Plastic, 90 lm/W

Product data

General Information	
Cap-Base	E26
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot
Light Technical	
Color Code	2700/3000/3500/4000/5000
Beam Angle (Nom)	40 degree(s)
Luminous Flux	900 lm
Luminous Intensity (Nom)	1,533 cd
Color Designation	2700/3000/3500/4000/5000
Correlated Color Temperature (Nom)	2700 3000 3500 4000 5000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color Consistency	<4
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	60 Hz
Power Consumption	10 W

Lamp Current (Nom)	110 mA
Wattage Equivalent	90 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	120 V
Temperature	
T-Case Maximum (Nom)	167 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic
Overall length	5-1/8 inch
Overall width	4-7/8 inch
Overall height	5-1/8 inch
Dimensions (Height x Width x Depth)	129 x 123 x 129 mm
Bulb Shape	PAR38

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UL Wet/ damp/ dry location	Damp location
Net Weight (Piece)	0.309 lb

Approval and Application

Suitable For Accent Lighting	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
T20 compliant	Yes
LED Innovations	EyeComfort
Ambient temperature range	-40 to +113 °F

Application Conditions

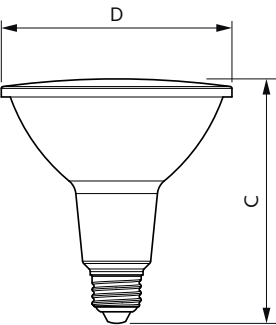
can it be used in closed luminaires	Yes
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Wireless Technology	Not applicable
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Product Data

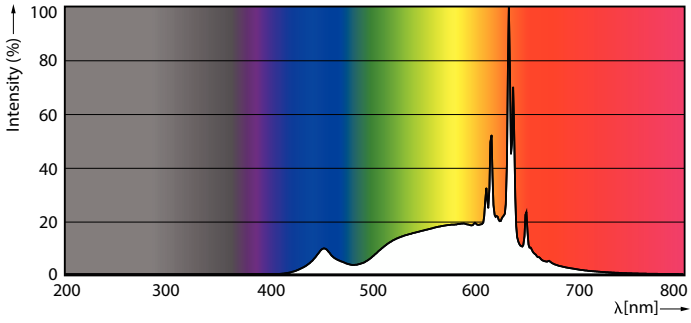
Order product name	10PAR38/90W/DipS/5CCT/40D/D/P/E26/T20
Full product name	10PAR38/90W/DipS/5CCT/40D/D/P/E26/T20
Order code	586479
Material Nr. (12NC)	929003741003
Numerator - Quantity Per Pack	2
EAN/UPC - Product/Case	046677586478
Numerator - Packs per outer box	2
EAN/UPC - Case	50046677586473

Dimensional drawing

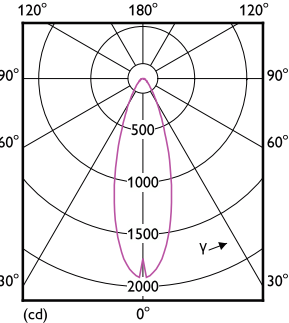


Product	D	C
10PAR38/90W/DipS/5CCT/40D/D/P/E26/T20	4-7/8 inch	5-1/8 inch

Photometric data



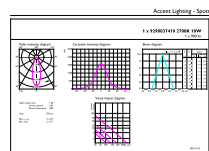
Spectral Power Distribution Colour - 10PAR38/90W/DipS/5CCT/40D/D/P/E26/T20



Light Distribution Diagram - 10PAR38/90W/DipS/5CCT/40D/D/P/E26/T20

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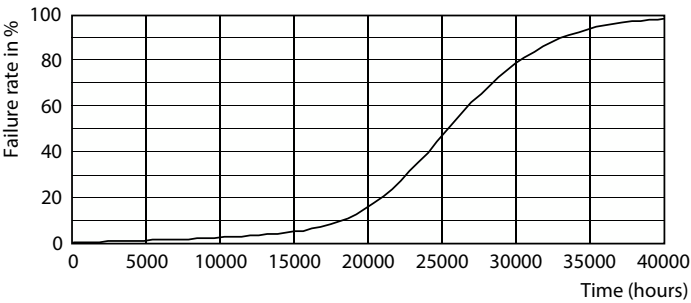
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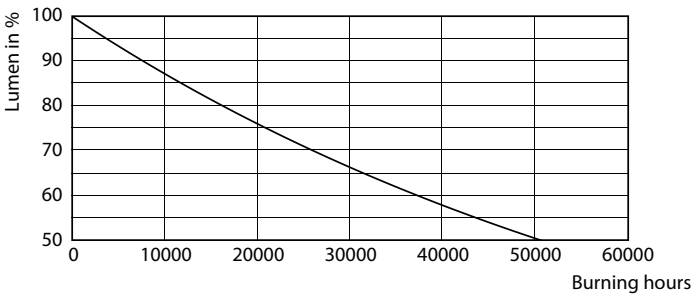
Technical Parameters 4.2.1 Philips Lighting B.V. Page 117

Accent Lighting Spots - 10PAR38/90W/DipS/5CCT/40D/D/P/E26/T20

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 10PAR38/90W/DipS/5CCT/40D/D/P/E26/T20

