



LED PAR38

12PAR38/LED/827/F40/DIM/ULW/120V 6/1FB

Philips LED spots with a single optic beam, provide a clean beam that's free from shadows with beam angles from 15 and 40 degrees to suit every general lighting application.

Product data

General Information		
Cap-Base	E26 [Single Contact Medium Screw]	
Nominal lifetime	25,000 hour(s)	
Switching Cycle	25,000	
Lighting Technology	LED	
EU RoHS compliant	Yes	
Light Technical		
Color Code	827 [CCT of 2700K]	
Beam Angle (Nom)	40 degree(s)	
Luminous Flux	850 lm	
Luminous Intensity (Nom)	1,800 cd	
Color Designation	Warm White (WW)	
Correlated Color Temperature (Nom)	2700 K	
Luminous Efficacy (rated) (Nom)	70.00 lm/W	
Color Consistency	<6	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Operating and Electrical		
Line Frequency	50 to 60 Hz	
Input Frequency	50 to 60 Hz	
Power Consumption	12 W	
Lamp Current (Nom)	112 mA	

Wattage Equivalent	90 W	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.8	
Voltage (Nom)	120 V	
Temperature		
T-Case Maximum (Nom)	151 °F	
Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Bulb Finish	Clear	
Bulb Material	Glass	
Bulb Shape	PAR38 [PAR 4.75 inch/121mm]	
Approval and Application		
Suitable For Accent Lighting	Yes	
Energy Consumption kWh/1000 h	- kWh	
Product Data		
Order product name	12PAR38/LED/827/F40/DIM/ULW/120V 6/1FB	
Full product name	12PAR38/LED/827/F40/DIM/ULW/120V 6/1FB	

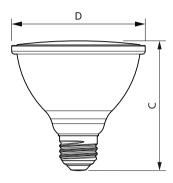
Datasheet, 2023, August 18 data subject to change

LED PAR38

Order code	529669
Material Nr. (12NC)	929001319904
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677529666

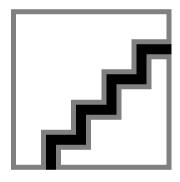
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677529661

Dimensional drawing

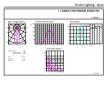


Product	D	С
12PAR38/LED/827/F40/DIM/ULW/120V 6/1FB	4-13/16 inch	5-5/16 inch

Photometric data

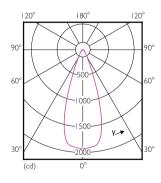


Spectral Power Distribution Colour - 12PAR38/LED/827/F40/DIM/ULW/ 120V 6/1FB



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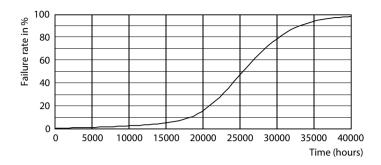
Accent Lighting Spots - 12PAR38/LED/827/F40/DIM/ULW/120V 6/1FB

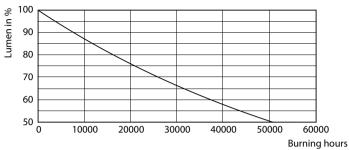


Light Distribution Diagram - 12PAR38/LED/827/F40/DIM/ULW/120V 6/1FB

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Lifetime





Life Expectancy Diagram - 12PAR38/LED/827/F40/DIM/ULW/120V 6/1FB

Lumen Maintenance Diagram - 12PAR38/LED/827/F40/DIM/ULW/120V 6/1FB



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