



LED PAR38

13PAR38/S/120W/927 40D E27 ND/G/110-277V

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	E27	
Nominal lifetime	15,000 hour(s)	
Switching Cycle	50,000	
Rated Lifetime (Hours)	15,000 hour(s)	
Lighting Technology	LED	
Light Technical		
Color Code	927 [CCT of 2700K]	
Color Code	927 [CCT of 2700K]	
Beam Angle (Nom)	40 degree(s)	
Luminous Flux	1,200 lm	
Luminous Intensity (Nom)	2,231 cd	
Luminous Efficacy (rated) (Nom)	92.00 lm/W	
Color Designation	Warm White (WW)	
Correlated Color Temperature (Nom)	2700 K	
Color Consistency	<4	
Color rendering index (CRI)	90	
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	13 W	

Lamp Current (Max)	116 mA
Lamp Current (Min)	48 mA
Wattage Equivalent	120 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	110-277 V
Temperature	
T-Case Maximum (Nom)	65 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Bulb Shape	PAR38
Approval and Application	
Suitable For Accent Lighting	Yes
EU RoHS compliant	Yes
EyeComfort	Yes

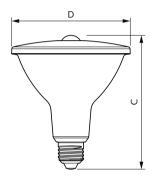
Datasheet, 2023, April 16 data subject to change

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LED Innovations	EyeComfort
Product Data	
Order product name	13PAR38/S/120W/927 40D E27 ND/G/
	110-277V
Full product name	13PAR38/S/120W/927 40D E27 ND/G/
	110-277V
Full product code	871951440693300
Order code	929003134407

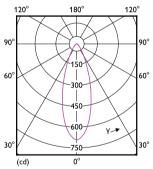
Material Nr. (12NC)	929003134407
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.310 kg
EAN/UPC - Product/Case	8719514406933
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514406940

Dimensional drawing

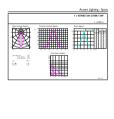


Product	D	С
13PAR38/S/120W/927 40D E27 ND/G/110-277V	122 mm	137 mm

Photometric data



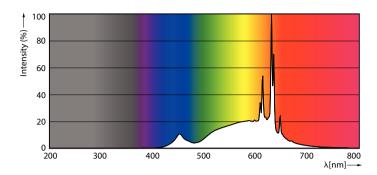




Accent Lighting Spots - 13PAR38/S/120W/927 40D E27 ND/G/110-277V

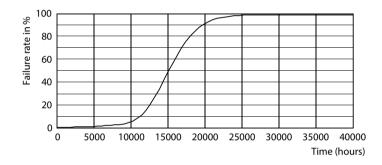
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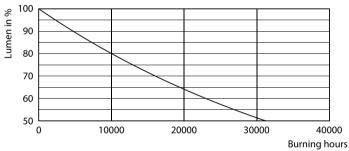
Photometric data



Spectral Power Distribution Colour - 13PAR38/S/120W/927 40D E27 ND/G/ 110-277V

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - 13PAR38/S/120W/927 40D E27 ND/G/ 110-277V



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