



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

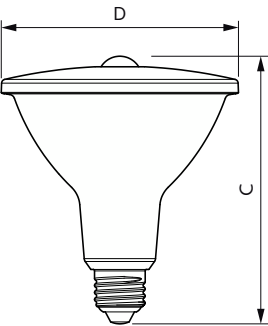
General Information		Power Consumption	
Cap-Base	E27 [E27]		13 W
Nominal lifetime	15,000 hour(s)	Lamp Current (Max)	116 mA
Switching Cycle	50,000	Lamp Current (Min)	48 mA
Rated Lifetime (Hours)	15,000 hour(s)	Wattage Equivalent	120 W
Lighting Technology	LED	Starting Time (Nom)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	0.5 s
Light Technical		Power Factor (Fraction)	0.7
Color Code	927 [CCT of 2700K]	Voltage (Nom)	110-277 V
Color Code	927 [CCT of 2700K]	Temperature	
Beam Angle (Nom)	40 degree(s)	T-Case Maximum (Nom)	65 °C
Luminous Flux	1,200 lm	Controls and Dimming	
Luminous Intensity (Nom)	2,231 cd	Dimmable	No
Color Designation	Warm White (WW)	Mechanical and Housing	
Correlated Color Temperature (Nom)	2700 K	Bulb Finish	Frosted
Luminous Efficacy (rated) (Nom)	92.00 lm/W	Bulb Shape	PAR38 [PAR 4.75 inch/121mm]
Color Consistency	<4	Approval and Application	
Color rendering index (CRI)	90	Suitable For Accent Lighting	Yes
LLMF At End Of Nominal Lifetime (Nom)	70 %	EyeComfort	Yes
Operating and Electrical			
Line Frequency	50 to 60 Hz		
Input Frequency	50 to 60 Hz		

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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

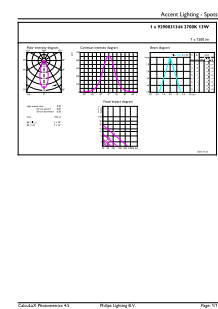
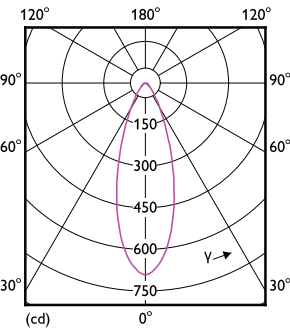
Material Nr. (12NC)	929003134407
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514406933
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514406940

Dimensional drawing



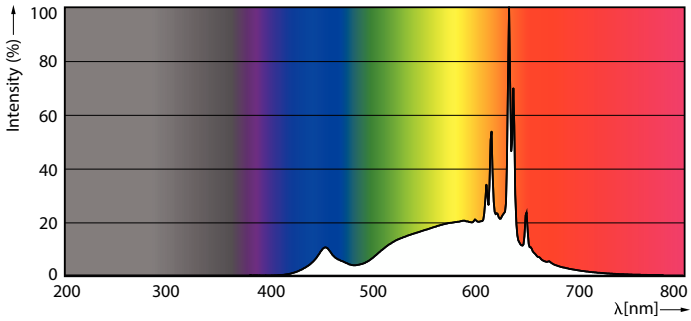
Product	D	C
13PAR38/S/120W/927 40D E27 ND/G/110-277V	122 mm	137 mm

Photometric data



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

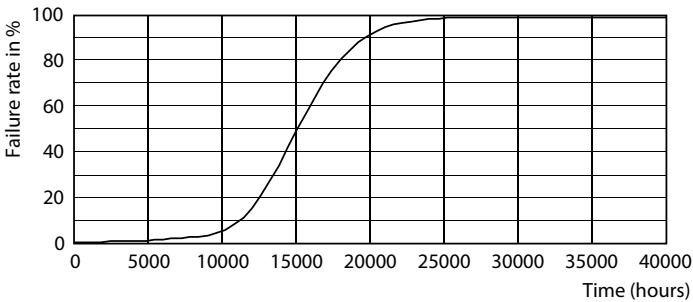
Accent Lighting Spots - 13PAR38/S/120W/927 40D E27 ND/G/110-277V



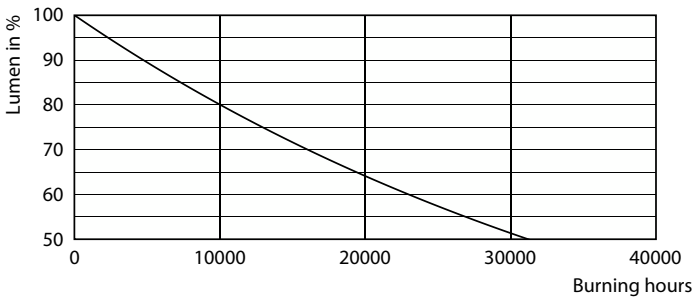
Spectral Power Distribution Colour - 13PAR38/S/120W/927 40D E27 ND/G/110-277V

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Lifetime



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



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

