



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 [E27]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Rated Lifetime (Hours)	15,000 hour(s)
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	927 [CCT of 2700K]
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Beam Angle (Nom)	40 degree(s)
Luminous Flux	1,200 lm
Luminous Intensity (Nom)	2,231 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	92.00 lm/W
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 Shape	PAR38 [PAR 4.75 inch/121mm]

Approval and Application	
Suitable For Accent Lighting	Yes
EyeComfort	Yes

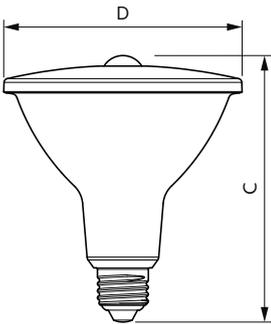
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Product Data

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

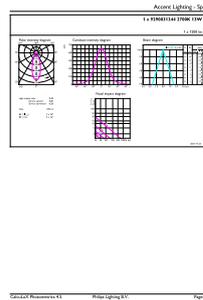
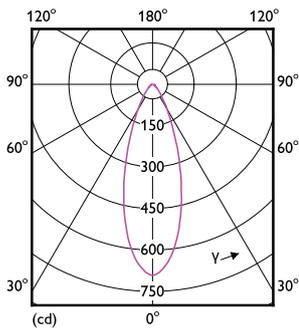
Material Nr. (12NC)	929003134407
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514406933
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514406940

Dimensional drawing



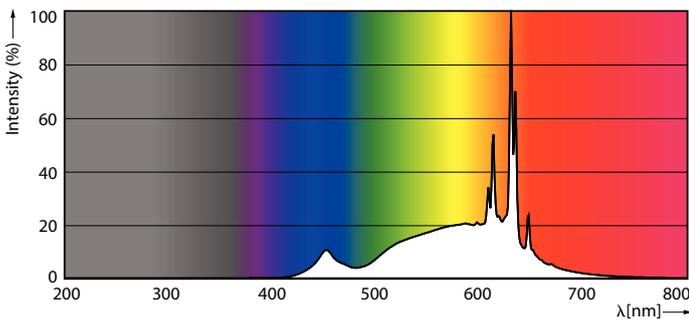
Product	D	C
13PAR38/S/120W/927 40D E27 ND/G/110-277V	122 mm	137 mm

Photometric data



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

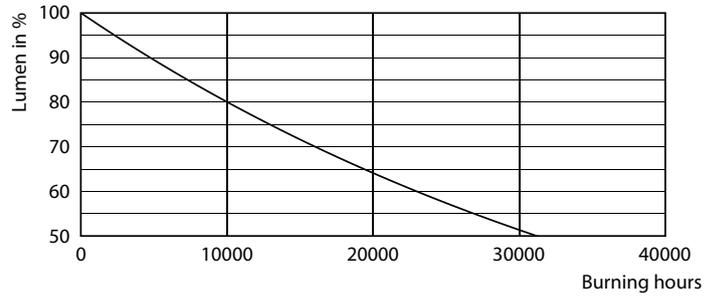
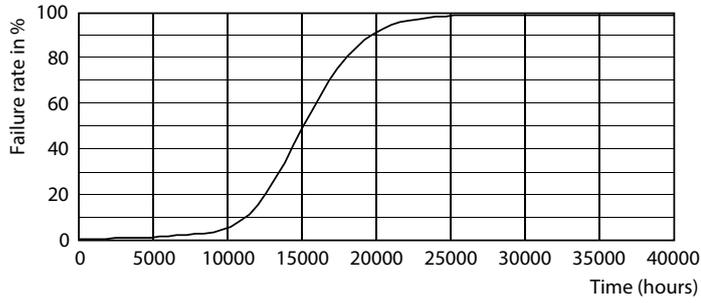
Accent Lighting Spots - 13PAR38/S/120W/927 40D E27 ND/G/110-277V



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

