



# 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 h
Switching Cycle	50,000
Rated Lifetime (Hours)	15,000 h
Lighting Technology	LED
EU RoHS compliant	Yes
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
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 Material	Plastic
Bulb Shape	PAR38

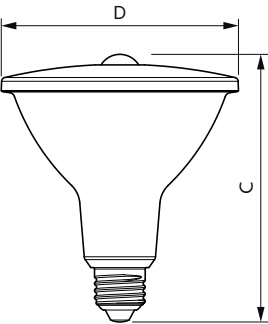
Approval and Application	
Suitable For Accent Lighting	Yes
EyeComfort	Yes

LED PAR38

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
Local code description	PAR38LEDSEN

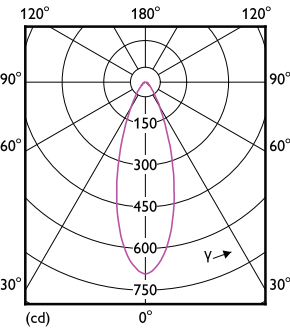
Order code	929003134407
Material Nr. (12NC)	929003134407
Local order code	PAR38LEDSEN
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514406933
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514406940

Dimensional drawing

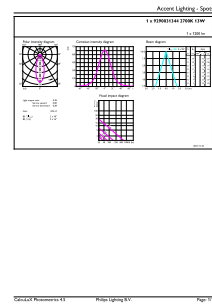


Product	D	C
13PAR38/S/120W/927 40D E27 ND/G/110-277V	122 mm	137 mm

Photometric data



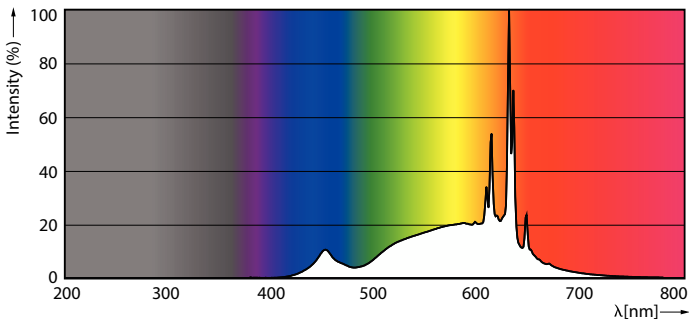
Light Distribution Diagram - 13PAR38/S/120W/927 40D E27 ND/G/110-277V



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

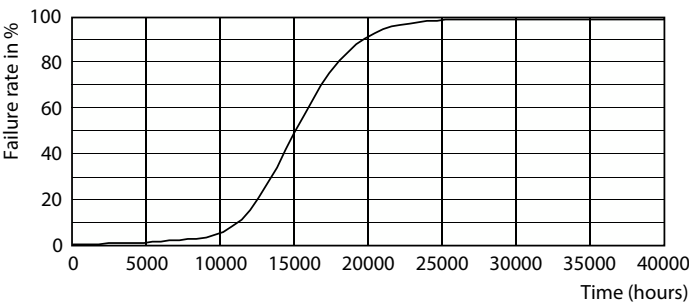
LED PAR38

Photometric data

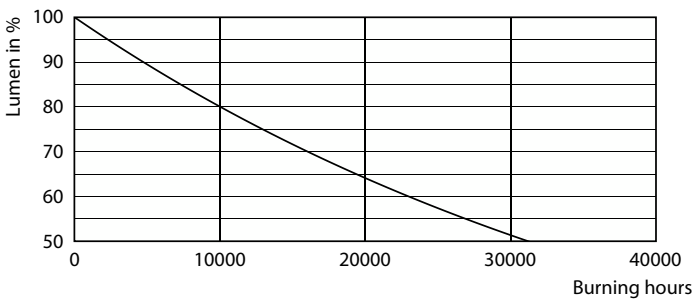


Spectral Power Distribution Colour - 13PAR38/S/120W/927 40D E27 ND/G/110-277V

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

