



# **LED PAR38**

# LEDspot 90W PAR38 827 100-277V 25D ND

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	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)	25 degree(s)
Luminous Flux	1,250 lm
Luminous Intensity (Nom)	5,000 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	89.29 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	14 W
Wattage Equivalent	90 W

Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	0.5 s		
Power Factor (Fraction)	0.85		
Voltage (Nom)	100-277 V		
Temperature			
T-Case Maximum (Nom)	80 ℃		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb Shape	PAR38		
Approval and Application			
Suitable For Accent Lighting	Yes		
Energy Consumption kWh/1000 h	- kWh		
Product Data			
Order product name	LEDspot 90W PAR38 827 100-277V 25D ND		
Full product name	LEDspot 90W PAR38 827 100-277V 25D ND		
Full product code	871869674142900		
Order code	929001389512		
Material Nr. (12NC)	929001389512		

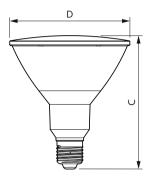
Datasheet, 2023, November 15 data subject to change

# **LED PAR38**

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696741429
Numerator - Packs per outer box	6

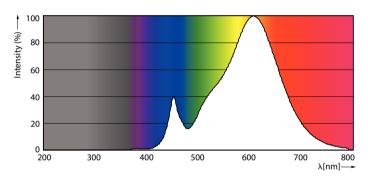
EAN/UPC - Case	8718696741436
EAN/UPC - Case	8718696741436

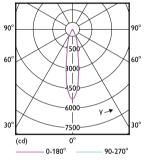
## Dimensional drawing



Product	D	С
LEDspot 90W PAR38 827 100-277V 25D ND	120 mm	133 mm

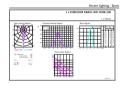
#### Photometric data





Spectral Power Distribution Colour - LEDspot 90W PAR38 827 100-277V 25D ND

Light Distribution Diagram - LEDspot 90W PAR38 827 100-277V 25D ND

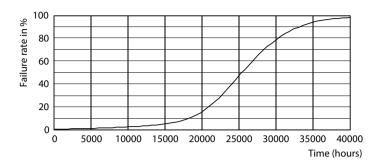


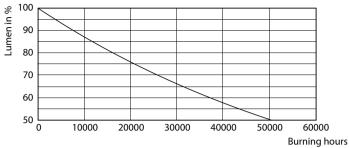
Calculat Proconnector 45 Philips Lighting &X. Page 1s

Accent Lighting Spots - LEDspot 90W PAR38 827 100-277V 25D ND

## **LED PAR38**

#### Lifetime





Life Expectancy Diagram - LEDspot 90W PAR38 827 100-277V 25D ND

Lumen Maintenance Diagram - LEDspot 90W PAR38 827 100-277V 25D ND



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