



# **LED PAR38**

## 14PAR38/EXPERTCOLOR/F40/940/P/D/T20/JA8

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	E26	
Nominal lifetime	40,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
Light Technical		
Color Code	940 [CCT of 4000K]	
Beam Angle (Nom)	40 degree(s)	
Luminous Flux	1,350 lm	
Luminous Intensity (Nom)	3,400 cd	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	96 lm/W	
Color Consistency	<4	
Color rendering index (CRI)	95	
LLMF At End Of Nominal Lifetime (Nom) 70 %		
Operating and Electrical		
Input Frequency	60 Hz	
Power Consumption	14 W	
Lamp Current (Nom)	125 mA	
Wattage Equivalent	120 W	
Starting Time (Nom)	0.5 s	

Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120 V
Temperature	
T-Case Maximum (Nom)	163 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	PAR38
UL Wet/ damp/ dry location	Damp location
Net Weight (Piece)	0.838 lb
Approval and Application	
Suitable For Accent Lighting	Yes
EU RoHS compliant	Yes
T20 compliant	Yes
Ambient temperature range	-4 to +113 °F

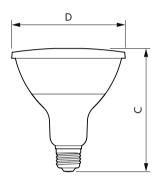
Datasheet, 2024, July 4 data subject to change

## **LED PAR38**

Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	14PAR38/EXPERTCOLOR/
	F40/940/P/D/T20/JA8
Full product name	14PAR38/EXPERTCOLOR/
	F40/940/P/D/T20/JA8

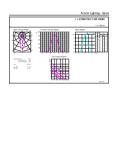
Order code	587535
Material Nr. (12NC)	929003754704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677587536
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677587531

## Dimensional drawing

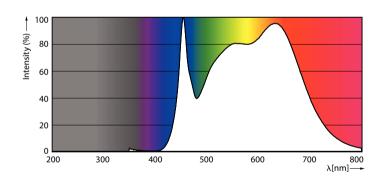


Product	D	С
14PAR38/EXPERTCOLOR/F40/940/P/D/T20/JA8	4-13/16 inch	5-1/4 inch

### Photometric data



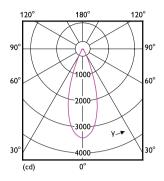
Accent Lighting Spots - 14PAR38/EXPERTCOLOR/F40/940/P/D/T20/JA8



Spectral Power Distribution Colour - 14PAR38/EXPERTCOLOR/ F40/940/P/D/T20/JA8

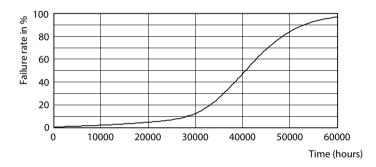
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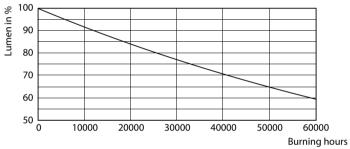
#### Photometric data



Light Distribution Diagram - 14PAR38/EXPERTCOLOR/ F40/940/P/D/T20/JA8

#### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - 14PAR38/EXPERTCOLOR/ F40/940/P/D/T20/JA8



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