



# LED PAR38

## 14PAR38/EXPERTCOLOR/S8/940/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)	8 degree(s)
Luminous Flux	1,350 lm
Luminous Intensity (Nom)	26,000 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

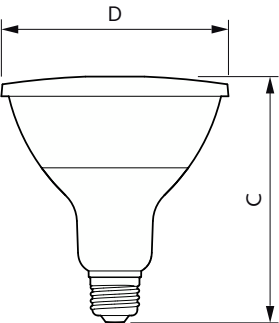
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120 V
Temperature	
T-Case Maximum (Nom)	163 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	PAR38
UL Wet/ damp/ dry location	Damp location
Net Weight (Piece)	0.882 lb
Approval and Application	
Suitable For Accent Lighting	Yes
EU RoHS compliant	Yes
T20 compliant	Yes
Ambient temperature range	-4 to +113 °F

LED PAR38

Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	14PAR38/EXPERTCOLOR/ S8/940/P/D/T20/JA8
Full product name	14PAR38/EXPERTCOLOR/ S8/940/P/D/T20/JA8

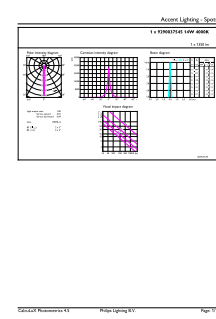
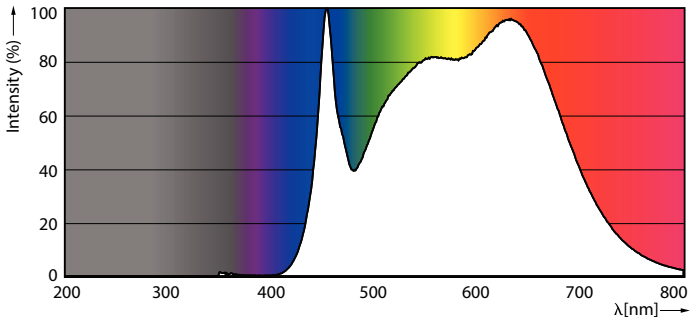
Order code	587519
Material Nr. (12NC)	929003754504
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677587512
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677587517

Dimensional drawing



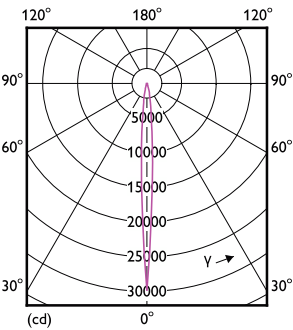
Product	D	C
14PAR38/EXPERTCOLOR/S8/940/P/D/T20/JA8	4-13/16 inch	5-1/4 inch

Photometric data



Spectral Power Distribution Colour - 14PAR38/EXPERTCOLOR/S8/940/P/D/T20/JA8

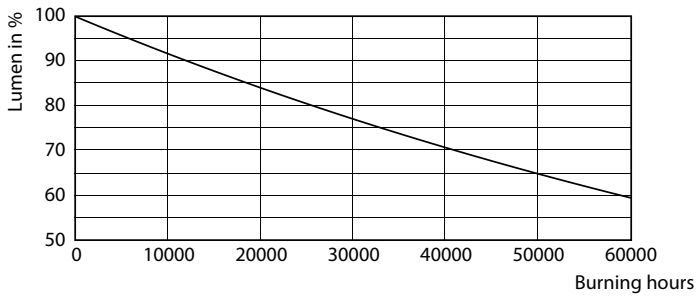
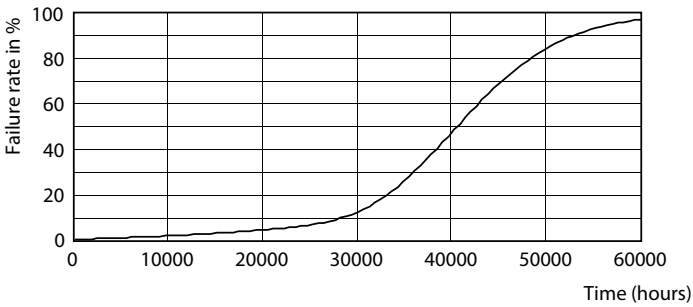
Accent Lighting Spots - 14PAR38/EXPERTCOLOR/S8/940/P/D/T20/JA8



Light Distribution Diagram - 14PAR38/EXPERTCOLOR/S8/940/P/D/T20/JA8

LED PAR38

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - 14PAR38/EXPERTCOLOR/  
S8/940/P/D/T20/JA8

