



# LED PAR38

13PAR38/COR/950/F40/DIM/P/ULW/T20 6/1FB

CorePro, LEDspot, PAR38, 120 W, E26, 5000 K, 1300 lm, 25000 hour(s), Plastic

CorePro, LEDspot, PAR38, 120 W, E26, 5000 K, 1300 lm, 25000 hour(s), Plastic, 100 lm/W

## Product data

| General Information                   |                    |
|---------------------------------------|--------------------|
| Cap-Base                              | E26                |
| Nominal lifetime                      | 25,000 hour(s)     |
| Switching Cycle                       | 50,000             |
| Lighting Technology                   | LEDspot            |
| Light Technical                       |                    |
| Color Code                            | 950 [CCT of 5000K] |
| Beam Angle (Nom)                      | 40 degree(s)       |
| Luminous Flux                         | 1,300 lm           |
| Luminous Intensity (Nom)              | 2,500 cd           |
| Color Designation                     | Daylight           |
| Correlated Color Temperature (Nom)    | 5000 K             |
| Luminous Efficacy (rated) (Nom)       | 100 lm/W           |
| Color Consistency                     | <4                 |
| Color rendering index (CRI)           | 90                 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %               |
| Operating and Electrical              |                    |
| Input Frequency                       | 60 Hz              |
| Power Consumption                     | 13 W               |

| Lamp Current (Nom)         | 150 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)              | 120 V                      |
| Temperature                |                            |
| T-Case Maximum (Nom)       | 185 °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 | Wet location               |
| Net Weight (Piece)         | 0.331 lb                   |

LED PAR38

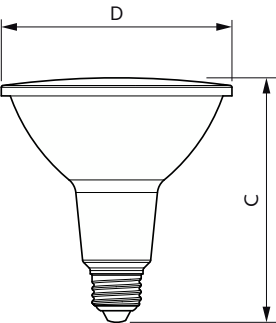
|                              |                |
|------------------------------|----------------|
| Approval and Application     |                |
| Suitable For Accent Lighting | Yes            |
| EU RoHS compliant            | Yes            |
| T20 compliant                | Yes            |
| Ambient temperature range    | -40 to +113 °F |

|                                     |                |
|-------------------------------------|----------------|
| Application Conditions              |                |
| can it be used in closed luminaires | Yes            |
| Wireless Technology                 | Not applicable |

|                    |                                            |
|--------------------|--------------------------------------------|
| Product Data       |                                            |
| Order product name | 13PAR38/COR/950/F40/DIM/P/ULW/T20<br>6/1FB |

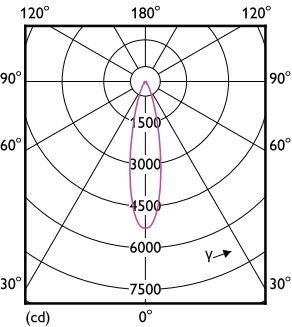
|                                 |                                            |
|---------------------------------|--------------------------------------------|
| Full product name               | 13PAR38/COR/950/F40/DIM/P/ULW/T20<br>6/1FB |
| Order code                      | 586180                                     |
| Material Nr. (12NC)             | 929003737604                               |
| Numerator - Quantity Per Pack   | 1                                          |
| EAN/UPC - Product/Case          | 046677586188                               |
| Numerator - Packs per outer box | 6                                          |
| EAN/UPC - Case                  | 50046677586183                             |

Dimensional drawing

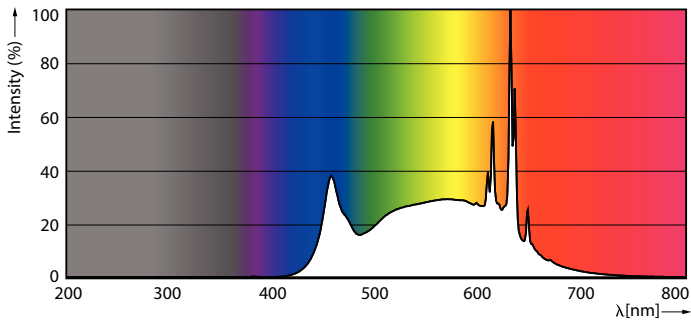


| Product                                 | D          | C          |
|-----------------------------------------|------------|------------|
| 13PAR38/COR/950/F40/DIM/P/ULW/T20 6/1FB | 4-7/8 inch | 5-1/8 inch |

Photometric data



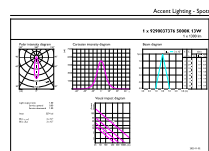
Light Distribution Diagram - 13PAR38/COR/950/F40/DIM/P/ULW/T20 6/1FB



Spectral Power Distribution Colour - 13PAR38/COR/950/F40/DIM/P/ULW/T20 6/1FB

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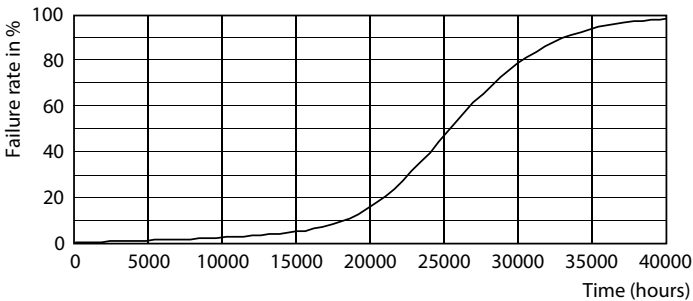
Photometric data



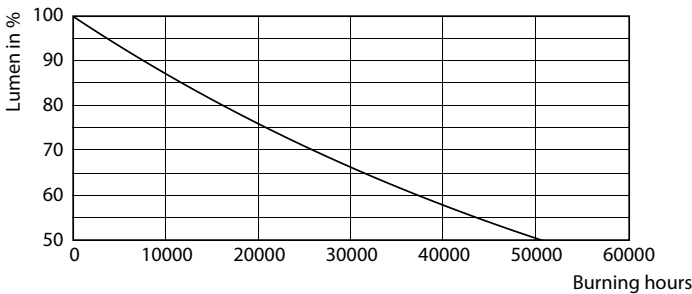
Technical Parameters 4.2.1 Philips Lighting B.V. Page 117

Accent Lighting Spots - 13PAR38/COR/950/F40/DIM/P/ULW/T20 6/1FB

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 13PAR38/COR/950/F40/DIM/P/ULW/T20 6/1FB

