



# LED PAR38

## 13PAR38/COR/930/F40/DIM/P/ULW/T20 6/1FB

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 [Single Contact Medium Screw] |
| Nominal lifetime                      | 25,000 hour(s)                    |
| Switching Cycle                       | 50,000                            |
| Lighting Technology                   | LED                               |
| Light Technical                       |                                   |
| Color Code                            | 930 [CCT of 3000K]                |
| Beam Angle (Nom)                      | 40 degree(s)                      |
| Luminous Flux                         | 1,300 lm                          |
| Luminous Intensity (Nom)              | 2,500 cd                          |
| Color Designation                     | White (WH)                        |
| Correlated Color Temperature (Nom)    | 3000 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                             |

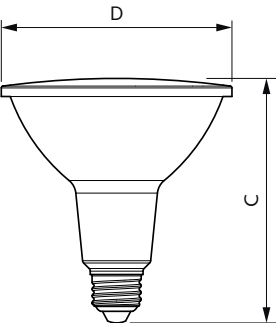
| Warm-up time to 60% light    | 0.5 s                      |
|------------------------------|----------------------------|
| Power Factor (Fraction)      | 0.7                        |
| Voltage (Nom)                | 120 V                      |
| Temperature                  |                            |
| T-Case Maximum (Nom)         | 85 °C                      |
| 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)           | 0.150 kg                   |
| Approval and Application     |                            |
| Suitable For Accent Lighting | Yes                        |
| EU RoHS compliant            | Yes                        |
| T20 compliant                | Yes                        |
| Ambient temperature range    | -40 to +45 °C              |

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|                                     |                                         |
|-------------------------------------|-----------------------------------------|
| Application Conditions              |                                         |
| can it be used in closed luminaires | Yes                                     |
| Product Data                        |                                         |
| Order product name                  | 13PAR38/COR/930/F40/DIM/P/ULW/T20 6/1FB |
| Full product name                   | 13PAR38/COR/930/F40/DIM/P/ULW/T20 6/1FB |

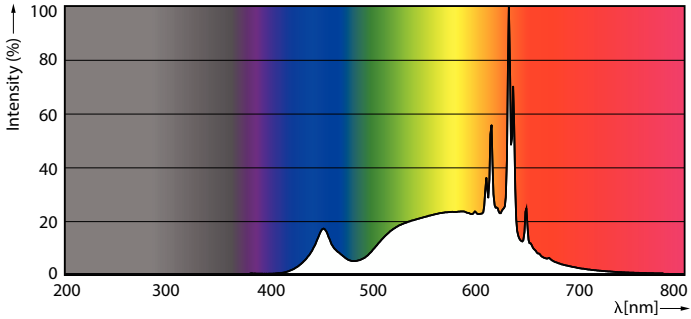
|                                 |                |
|---------------------------------|----------------|
| Order code                      | 929003737204   |
| Material Nr. (12NC)             | 929003737204   |
| Numerator - Quantity Per Pack   | 1              |
| EAN/UPC - Product/Case          | 046677586140   |
| Numerator - Packs per outer box | 6              |
| EAN/UPC - Case                  | 50046677586145 |

Dimensional drawing

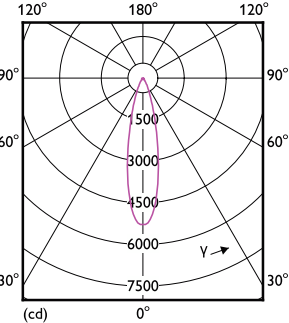


| Product                                 | D      | C      |
|-----------------------------------------|--------|--------|
| 13PAR38/COR/930/F40/DIM/P/ULW/T20 6/1FB | 123 mm | 129 mm |

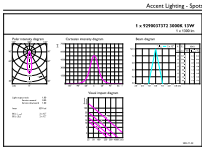
Photometric data



Spectral Power Distribution Colour -  
13PAR38/COR/930/F40/DIM/P/ULW/T20 6/1FB



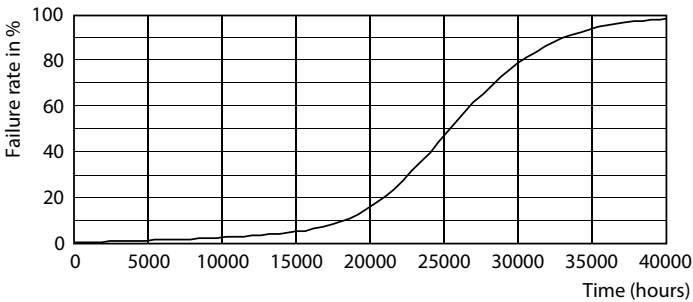
Light Distribution Diagram - 13PAR38/COR/930/F40/DIM/P/ULW/T20 6/1FB



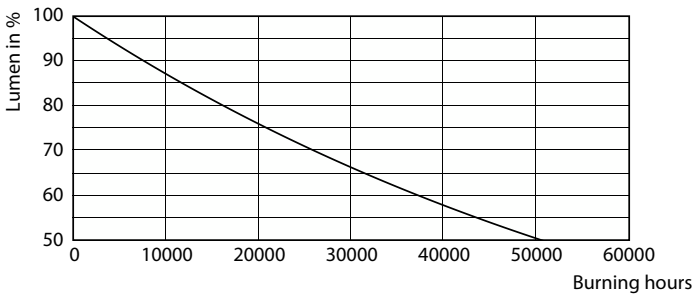
Accent Lighting Spots - 13PAR38/COR/930/F40/DIM/P/ULW/T20 6/1FB

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Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 13PAR38/COR/930/F40/DIM/P/ULW/T20  
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