



LED PAR38

13PAR38/COR/950/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 | 950 [CCT of 5000K] |
| Beam Angle (Nom) | 40 degree(s) |
| Luminous Flux | 1,300 lm |
| Luminous Intensity (Nom) | 2,500 cd |
| Luminous Efficacy (rated) (Nom) | 100 lm/W |
| Color Designation | Daylight |
| Correlated Color Temperature (Nom) | 5000 K |
| Color Consistency | <4 |
| Color rendering index (CRI) | 90 |
| LLMF At End Of Nominal Lifetime (Non | n) 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 | | |
| Ambient temperature range | -40 to +45 ℃ | |
| 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 | |
| | | |
| Approval and Application | | |
| Suitable For Accent Lighting | Yes | |
| EU RoHS compliant | Yes | |
| T20 compliant | Yes | |
| | | |
| | | |

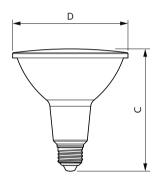
Datasheet, 2024, August 13 data subject to change

LED PAR38

| Application Conditions | |
|-------------------------------------|-----------------------------------|
| can it be used in closed luminaires | Yes |
| | |
| Product Data | |
| Order product name | 13PAR38/COR/950/F40/DIM/P/ULW/T20 |
| | 6/1FB |
| Full product name | 13PAR38/COR/950/F40/DIM/P/ULW/T20 |
| | 6/1FB |
| Order code | 929003737604 |

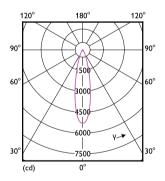
| Material Nr. (12NC) | 929003737604 |
|---------------------------------|----------------|
| Numerator - Quantity Per Pack | 1 |
| Net Weight (Piece) | 0.150 kg |
| EAN/UPC - Product/Case | 046677586188 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 50046677586183 |
| | |

Dimensional drawing

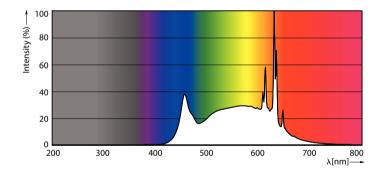


| Product | D | С |
|---|--------|--------|
| 13PAR38/COR/950/F40/DIM/P/ULW/T20 6/1FB | 123 mm | 129 mm |

Photometric data



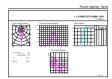
Light Distribution Diagram - 13PAR38/COR/950/F40/DIM/P/ULW/T20 6/1FB



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

LED PAR38

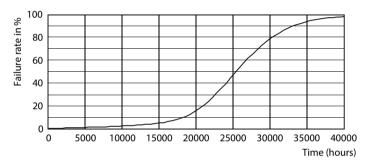
Photometric data

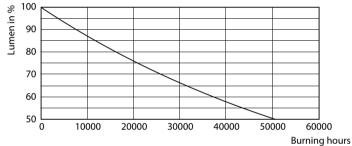


Calculat Procurency 421 Proping BV. Page:

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



© 2024 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.