



# LED PAR38

## 12PAR38/LED/830/F40/DIM/ULW/120V 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

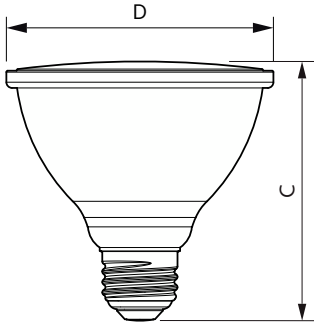
| General Information                   |                                   | Wattage Equivalent            |  |
|---------------------------------------|-----------------------------------|-------------------------------|--|
| Cap-Base                              | E26 [Single Contact Medium Screw] |                               | 90 W                                   |
| Nominal lifetime                      | 25,000 hour(s)                    | Starting Time (Nom)           | 0.5 s                                  |
| Switching Cycle                       | 25,000                            | Warm-up time to 60% light     | 0.5 s                                  |
| Lighting Technology                   | LED                               | Power Factor (Fraction)       | 0.8                                    |
| EU RoHS compliant                     | Yes                               | Voltage (Nom)                 | 120 V                                  |
| Light Technical                       |                                   | Temperature                   |  |
| Color Code                            | 830 [CCT of 3000K]                | T-Case Maximum (Nom)          | 66 °C                                  |
| Beam Angle (Nom)                      | 40 degree(s)                      | Controls and Dimming          |  |
| Luminous Flux                         | 900 lm                            | Dimmable                      | Yes                                    |
| Luminous Intensity (Nom)              | 1,900 cd                          | Mechanical and Housing        |  |
| Color Designation                     | White (WH)                        | Bulb Finish                   | Clear                                  |
| Correlated Color Temperature (Nom)    | 3000 K                            | Bulb Material                 | Glass                                  |
| Luminous Efficacy (rated) (Nom)       | 75.00 lm/W                        | Bulb Shape                    | PAR38 [PAR 4.75 inch/121mm]            |
| Color Consistency                     | <6                                | Approval and Application      |  |
| Color rendering index (CRI)           | 80                                | Suitable For Accent Lighting  | Yes                                    |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                              | Energy Consumption kWh/1000 h | - kWh                                  |
| Operating and Electrical              |                                   | Product Data                  |  |
| Line Frequency                        | 50 to 60 Hz                       | Order product name            | 12PAR38/LED/830/F40/DIM/ULW/120V 6/1FB |
| Input Frequency                       | 50 to 60 Hz                       | Full product name             | 12PAR38/LED/830/F40/DIM/ULW/120V 6/1FB |
| Power Consumption                     | 12 W                              |                               |  |
| Lamp Current (Nom)                    | 112 mA                            |                               |  |

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|                               |              |
|-------------------------------|--------------|
| Order code                    | 529677       |
| Material Nr. (12NC)           | 929001320004 |
| Numerator - Quantity Per Pack | 1            |
| EAN/UPC - Product/Case        | 046677529673 |

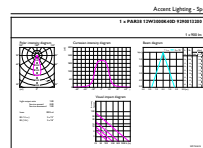
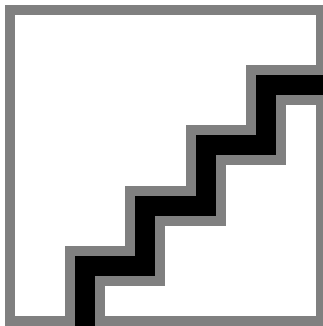
|                                 |                |
|---------------------------------|----------------|
| Numerator - Packs per outer box | 6              |
| EAN/UPC - Case                  | 50046677529678 |

## Dimensional drawing



| Product                                | D      | C      |
|--|--------|--------|
| 12PAR38/LED/830/F40/DIM/ULW/120V 6/1FB | 122 mm | 134 mm |

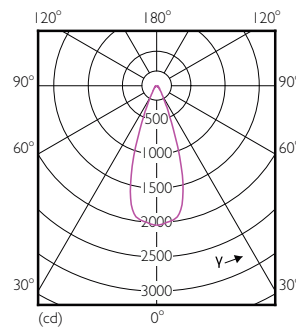
## Photometric data



Calculated Numerical 11 | Photometric 11 | Page 10

Spectral Power Distribution Colour - 12PAR38/LED/830/F40/DIM/ULW/120V 6/1FB

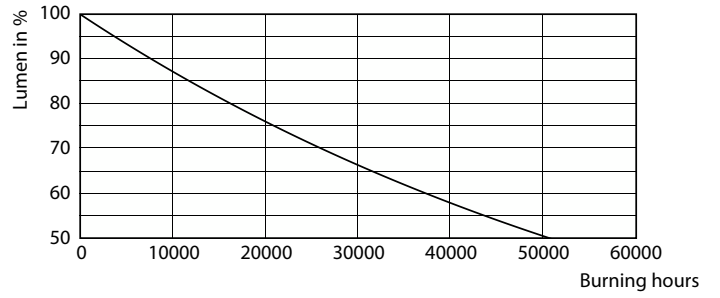
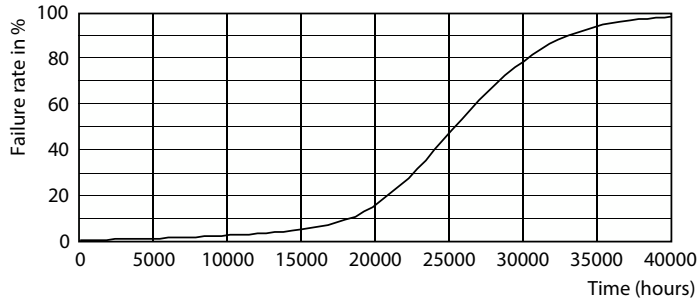
Accent Lighting Spots - 12PAR38/LED/830/F40/DIM/ULW/120V 6/1FB



Light Distribution Diagram - 12PAR38/LED/830/F40/DIM/ULW/120V 6/1FB

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## Lifetime



Life Expectancy Diagram - 12PAR38/LED/830/F40/DIM/ULW/120V 6/1FB

Lumen Maintenance Diagram - 12PAR38/LED/830/F40/DIM/ULW/120V 6/1FB

