

LED PAR38

16PAR38/AMB/F40/827/DIM ULW

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 |
| EU RoHS compliant | Yes |

| Light Technical | |
|---------------------------------------|--------------------|
| Color Code | 827 [CCT of 2700K] |
| Beam Angle (Nom) | 40 degree(s) |
| Luminous Flux | 1,200 lm |
| Luminous Intensity (Nom) | 2,500 cd |
| Color Designation | Warm White (WW) |
| Correlated Color Temperature (Nom) | 2700 K |
| Luminous Efficacy (rated) (Nom) | 75.00 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 80 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |

| Operating and Electrical | |
|--------------------------|-------------|
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 16 W |
| Lamp Current (Nom) | 143 mA |

| | |
|---------------------------|-------|
| 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) | 70 °C |

| Controls and Dimming | |
|----------------------|-----|
| Dimmable | Yes |

| Mechanical and Housing | |
|------------------------|-----------------------------|
| Bulb Shape | PAR38 [PAR 4.75 inch/121mm] |

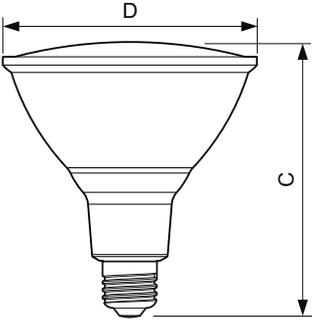
| Approval and Application | |
|------------------------------|-----|
| Suitable For Accent Lighting | Yes |

| Product Data | |
|-------------------------------|-----------------------------|
| Order product name | 16PAR38/AMB/F40/827/DIM ULW |
| Full product name | 16PAR38/AMB/F40/827/DIM ULW |
| Order code | 929001291604 |
| Material Nr. (12NC) | 929001291604 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677467722 |

LED PAR38

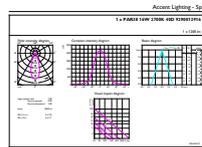
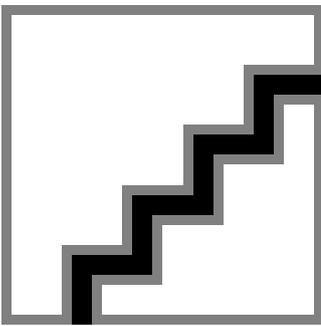
| | |
|---------------------------------|----------------|
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 50046677467727 |

Dimensional drawing



| Product | D | C |
|-----------------------------|--------|--------|
| 16PAR38/AMB/F40/827/DIM ULW | 125 mm | 135 mm |

Photometric data



Spectral Power Distribution Colour - 16PAR38/AMB/F40/827/DIM ULW

General uniform lighting - 16PAR38/AMB/F40/827/DIM ULW

Light Distribution Diagram - 16PAR38/AMB/F40/827/DIM ULW

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