



# LED PAR38

## 16PAR38/AMB/F25/850/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                            | 850 [CCT of 5000K] |
| Beam Angle (Nom)                      | 25 degree(s)       |
| Luminous Flux                         | 1,200 lm           |
| Luminous Intensity (Nom)              | 6,000 cd           |
| Color Designation                     | Daylight           |
| Correlated Color Temperature (Nom)    | 5000 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      |

|                           |       |
|---------------------------|-------|
| Wattage Equivalent        | 120 W |
| 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) | 158 °F |

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

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

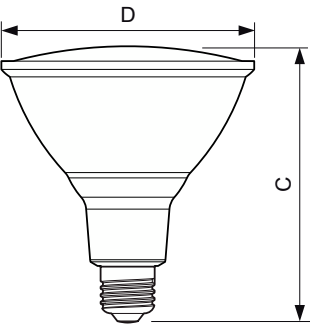
| Approval and Application     |     |
|------------------------------|-----|
| Suitable For Accent Lighting | Yes |

| Product Data                  |                             |
|-------------------------------|-----------------------------|
| Order product name            | 16PAR38/AMB/F25/850/DIM ULW |
| Full product name             | 16PAR38/AMB/F25/850/DIM ULW |
| Order code                    | 468181                      |
| Material Nr. (12NC)           | 929001291504                |
| Numerator - Quantity Per Pack | 1                           |

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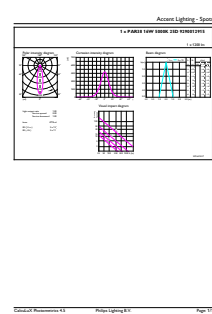
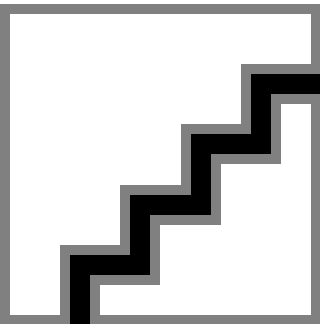
|                                 |                |
|---------------------------------|----------------|
| EAN/UPC - Product/Case          | 046677468187   |
| Numerator - Packs per outer box | 6              |
| EAN/UPC - Case                  | 50046677468182 |

Dimensional drawing



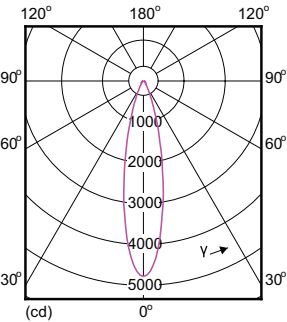
| Product                     | D      | C      |
|-----------------------------|--------|--------|
| 16PAR38/AMB/F25/850/DIM ULW | 125 mm | 135 mm |

Photometric data



Spectral Power Distribution Colour - 16PAR38/AMB/F25/850/DIM ULW

General uniform lighting - 16PAR38/AMB/F25/850/DIM ULW



Light Distribution Diagram - 16PAR38/AMB/F25/850/DIM ULW

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