



# LED PAR38

## 16PAR38/AMB/F40/840/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

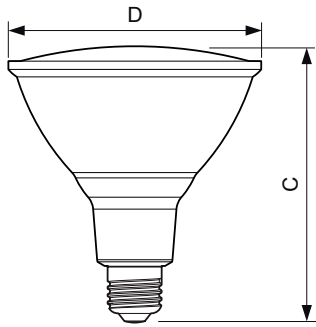
| General Information                   |                                   |
|---------------------------------------|-----------------------------------|
| Cap-Base                              | E26 [Single Contact Medium Screw] |
| Nominal lifetime                      | 25,000 hour(s)                    |
| Switching Cycle                       | 50,000                            |
| Lighting Technology                   | LED                               |
| EU RoHS compliant                     | Yes                               |
| Light Technical                       |                                   |
| Color Code                            | 840 [CCT of 4000K]                |
| Beam Angle (Nom)                      | 40 degree(s)                      |
| Luminous Flux                         | 1,200 lm                          |
| Luminous Intensity (Nom)              | 2,500 cd                          |
| Color Designation                     | Cool White (CW)                   |
| Correlated Color Temperature (Nom)    | 4000 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/F40/840/DIM ULW |
| Full product name             | 16PAR38/AMB/F40/840/DIM ULW |
| Order code                    | 467746                      |
| Material Nr. (12NC)           | 929001291804                |
| Numerator - Quantity Per Pack | 1                           |

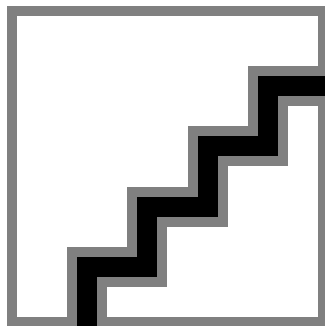
## LED PAR38

|                                 |                |
|---------------------------------|----------------|
| EAN/UPC - Product/Case          | 046677467746   |
| Numerator - Packs per outer box | 6              |
| EAN/UPC - Case                  | 50046677467741 |

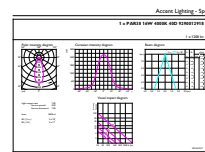
## Dimensional drawing



## Photometric data



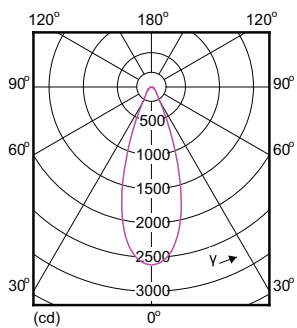
| Product                     | D      | C      |
|-----------------------------|--------|--------|
| 16PAR38/AMB/F40/840/DIM ULW | 125 mm | 135 mm |



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Colexus Photometrics 4.3
Philips Lighting B.V.
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Spectral Power Distribution Colour - 16PAR38/AMB/F40/840/DIM ULW



**Light Distribution Diagram - 16PAR38/AMB/F40/840/DIM ULW**

General uniform lighting - 16PAR38/AMB/F40/840/DIM ULW

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