PHILIPS Lighting



TrueForce High Lumen PAR

33PAR38/PER/830/S15/DIM/120V 6/1FB

Philips LED TrueForce PAR high lumen lamps are the perfect transition from CDM lamps to LED.

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 | 830 [CCT of 3000K] | |
| Beam Angle (Nom) | 15 degree(s) | |
| Luminous Flux | 3,000 lm | |
| Luminous Intensity (Nom) | 33,000 cd | |
| Color Designation | White (WH) | |
| Correlated Color Temperature (Nom) | 3000 K | |
| Luminous Efficacy (rated) (Nom) | 90 lm/W | |
| Color Consistency | <4 | |
| 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 | |

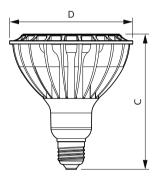
| Power Consumption | 33 W | |
|----------------------------|----------------------------|--|
| Lamp Current (Nom) | 300 mA | |
| Wattage Equivalent | 250 W | |
| Starting Time (Nom) | 0.5 s | |
| Warm-up time to 60% light | 0.5 s | |
| Power Factor (Fraction) | 0.95 | |
| Voltage (Nom) | 120 V | |
| | | |
| Temperature | | |
| Ambient temperature range | -4 to +113 °F | |
| T-Case Maximum (Nom) | 194 °F | |
| | | |
| Controls and Dimming | | |
| Dimmable | Only with specific dimmers | |
| | | |
| Mechanical and Housing | | |
| Bulb Finish | Clear | |
| Bulb Material | Metal | |
| Bulb Shape | PAR38 | |
| UL Wet/ damp/ dry location | Damp location | |
| | | |

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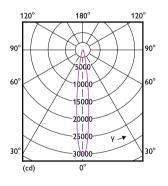
| Approval and Application | | | |
|-------------------------------------|------------------------------------|--|--|
| Suitable For Accent Lighting | Yes | | |
| Energy Consumption kWh/1000 h | - kWh | | |
| Energy Certifications | Energy Star | | |
| T20 compliant | N/A | | |
| | | | |
| Application Conditions | | | |
| can it be used in closed luminaires | No | | |
| | | | |
| Product Data | | | |
| Order product name | 33PAR38/PER/830/S15/DIM/120V 6/1FB | | |

| Full product name | 33PAR38/PER/830/S15/DIM/120V 6/1FB |
|---------------------------------|------------------------------------|
| Order code | 534602 |
| Material Nr. (12NC) | 929001916804 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677534608 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 50046677534603 |
| | |

Dimensional drawing

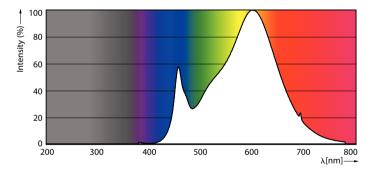


Photometric data



Light Distribution Diagram - 33PAR38/PER/830/S15/DIM/120V 6/1FB

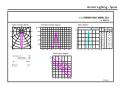
| Product | D | с |
|------------------------------------|------------|------------|
| 33PAR38/PER/830/S15/DIM/120V 6/1FB | 4-7/8 inch | 5-1/4 inch |



Spectral Power Distribution Colour - 33PAR38/PER/830/S15/DIM/120V 6/1FB

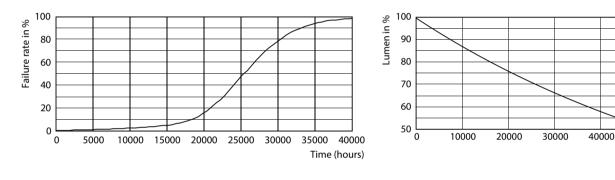
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Photometric data



Accent Lighting Spots - 33PAR38/PER/830/S15/DIM/120V 6/1FB

Lifetime



Life Expectancy Diagram - 33PAR38/PER/830/S15/DIM/120V 6/1FB

Lumen Maintenance Diagram - 33PAR38/PER/830/S15/DIM/120V 6/1FB

50000

60000

Burning hours



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