



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	-20 to +45 °C
T-Case Maximum (Nom)	90 °C

Controls and Dimming	
Dimmable	Only with specific dimmers

Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Metal
Bulb Shape	PAR38 [PAR 4.75 inch/121mm]
UL Wet/ damp/ dry location	Damp location

TrueForce High Lumen PAR

Approval and Application

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh
Energy Certifications	Energy Star
T20 compliant	N/A

Application Conditions

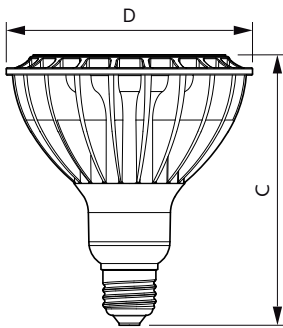
can it be used in closed luminaires	No
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Product Data

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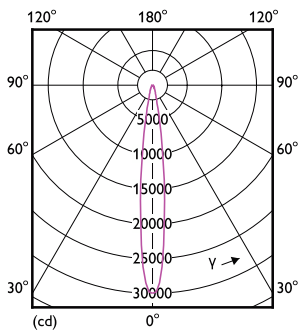
Full product name	33PAR38/PER/830/S15/DIM/120V 6/1FB
Order code	929001916804
Material Nr. (12NC)	929001916804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677534608
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677534603

Dimensional drawing

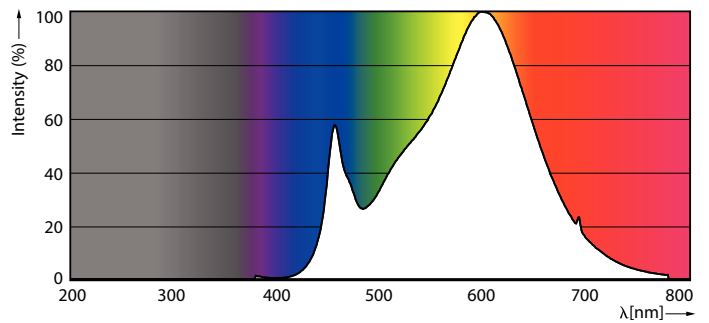


Product	D	C
33PAR38/PER/830/S15/DIM/120V 6/1FB	123 mm	133 mm

Photometric data



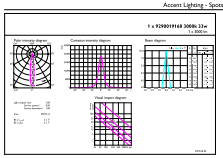
Light Distribution Diagram - 33PAR38/PER/830/S15/DIM/120V 6/1FB



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

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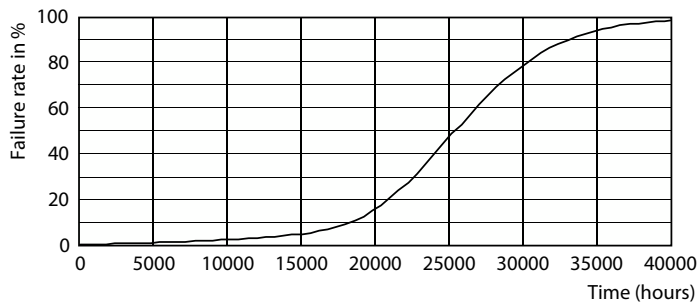
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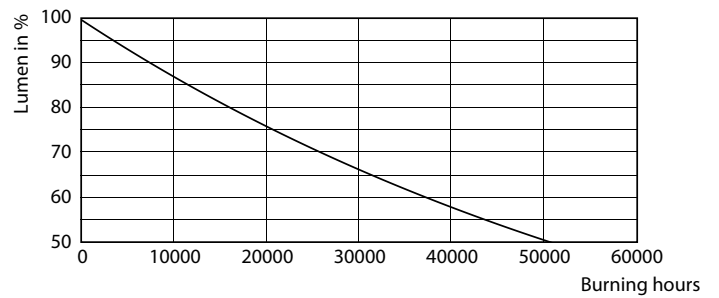
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Accent Lighting Spots - 33PAR38/PER/830/S15/DIM/120V 6/1FB

Lifetime



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



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

