PHILIPS Lighting



TrueForce High Lumen PAR

33PAR38/PER/830/F25/DIM/120V B 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)	25 degree(s)	
Luminous Flux	3,000 lm	
Luminous Intensity (Nom)	10,000 cd	
Color Designation	White (WH)	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	90.00 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	

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	
T-Case Maximum (Nom)	90 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Aluminum
Bulb Shape	PAR38
UL Wet/ damp/ dry location	Damp location
Approval and Application	
Suitable For Accent Lighting	Yes

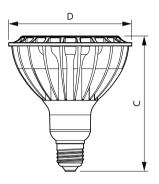
Input Frequency

TrueForce High Lumen PAR

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/F25/DIM/120V B 6/1FB	

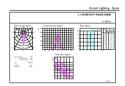
Full product name	33PAR38/PER/830/F25/DIM/120V B 6/1FB
Order code	534636
Material Nr. (12NC)	929001919704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677534639
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677534634

Dimensional drawing



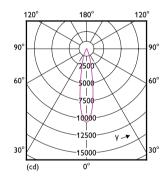
Product	D	С
33PAR38/PER/830/F25/DIM/120V B 6/1FB	123 mm	133 mm

Photometric data



Calculust Photometrics 4.5 Philips Lighting B.V. Page:

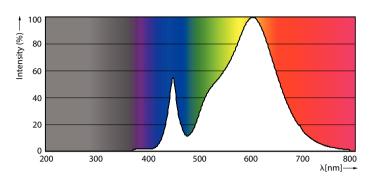
Accent Lighting Spots - 33PAR38/PER/830/F25/DIM/120V B 6/1FB



Light Distribution Diagram - 33PAR38/PER/830/F25/DIM/120V B 6/1FB

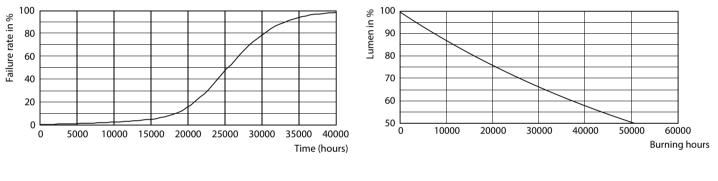
TrueForce High Lumen PAR

Photometric data



Spectral Power Distribution Colour - 33PAR38/PER/830/F25/DIM/120V B 6/1FB

Lifetime



Lumen Maintenance Diagram - 33PAR38/PER/830/F25/DIM/120V B 6/1FB

Life Expectancy Diagram - 33PAR38/PER/830/F25/DIM/120V B 6/1FB



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