



# **TrueForce High Lumen PAR**

# 33PAR38/PER/830/S15/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)	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 ℃
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

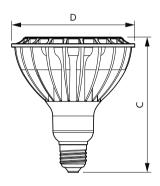
Datasheet, 2024, January 4 data subject to change

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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 B 6/1FB		

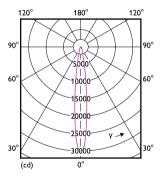
Full product name	33PAR38/PER/830/S15/DIM/120V B 6/1FB	
Order code	929001919604	
Material Nr. (12NC)	929001919604	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677534622	
Numerator - Packs per outer box	6	
EAN/UPC - Case	50046677534627	

## Dimensional drawing

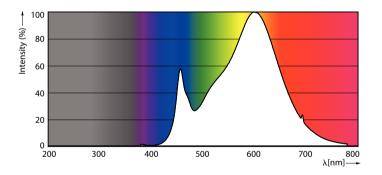


Product	D	С
33PAR38/PER/830/S15/DIM/120V B 6/1FB	123 mm	133 mm

## Photometric data



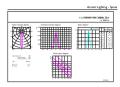
Light Distribution Diagram - 33PAR38/PER/830/S15/DIM/120V B 6/1FB



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

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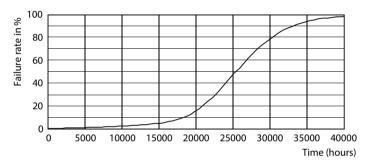
#### Photometric data

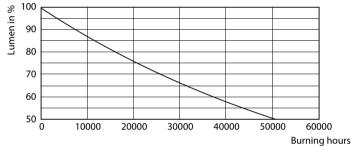


Calculus Photometrics 4.2.1 Philips Lighting Scv. Fagor 1H

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

## Lifetime





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

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



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