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	

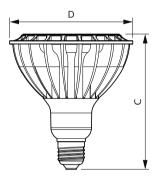
Power Consumption	33 W	
Lamp Current (Nom)	300 mA	
Wattage Equivalent	250 W	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.95	
Voltage (Nom)	120 V	
Temperature		
Ambient temperature range	-4 to +113 °F	
T-Case Maximum (Nom)	194 °F	
Controls and Dimming		
Dimmable	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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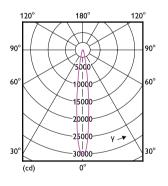
Approval and Application			
Suitable For Accent Lighting	Yes		
Energy Consumption kWh/1000 h	- kWh		
Energy Certifications	Energy Star		
T20 compliant	N/A		
Application Conditions			
can it be used in closed luminaires	No		
Product Data			
Order product name	33PAR38/PER/830/S15/DIM/120V 6/1FB		

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

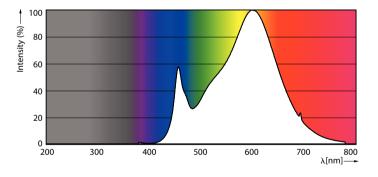


Photometric data



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

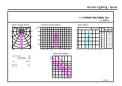
Product	D	с
33PAR38/PER/830/S15/DIM/120V 6/1FB	4-7/8 inch	5-1/4 inch



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

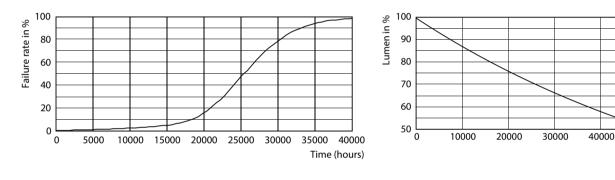
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Photometric data



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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