



TrueForce High Lumen PAR

36PAR38/PER/830/F25/ND/120V 6/1FB

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

Product data

General Information		Power Consumption	
Cap-Base	E26 [Single Contact Medium Screw]	Lamp Current (Nom)	330 mA
Nominal lifetime	25,000 hour(s)	Wattage Equivalent	250 W
Switching Cycle	50,000	Starting Time (Nom)	0.5 s
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
EU RoHS compliant	Yes	Power Factor (Fraction)	0.95
		Voltage (Nom)	120 V
Light Technical		Temperature	
Color Code	830 [CCT of 3000K]	T-Case Maximum (Nom)	90 °C
Beam Angle (Nom)	25 degree(s)		
Luminous Flux	3,800 lm	Controls and Dimming	
Luminous Intensity (Nom)	11,000 cd	Dimmable	No
Color Designation	White (WH)	Mechanical and Housing	
Correlated Color Temperature (Nom)	3000 K	Bulb Finish	Clear
Luminous Efficacy (rated) (Nom)	105.00 lm/W	Bulb Material	Aluminum
Color Consistency	<4	Bulb Shape	PAR38
Color rendering index (CRI)	80	UL Wet/ damp/ dry location	Damp location
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approval and Application	
Operating and Electrical		Suitable For Accent Lighting	Yes
Line Frequency	50 to 60 Hz		
Input Frequency	50 to 60 Hz		

TrueForce High Lumen PAR

Energy Consumption kWh/1000 h	- kWh
Energy Certifications	Energy Star
T20 compliant	N/A

Application Conditions

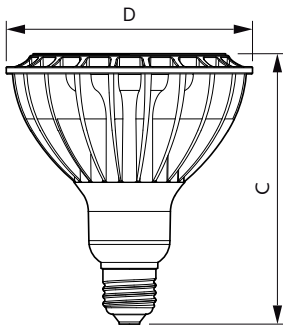
can it be used in closed luminaires	No
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Product Data

Order product name	36PAR38/PER/830/F25/ND/120V 6/1FB
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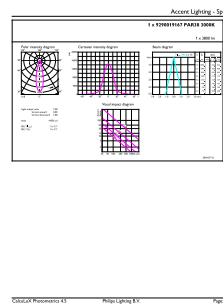
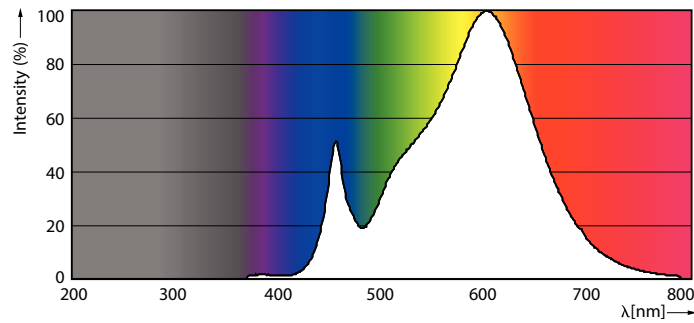
Full product name	36PAR38/PER/830/F25/ND/120V 6/1FB
Order code	929001916704
Material Nr. (12NC)	929001916704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677534592
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677534597

Dimensional drawing



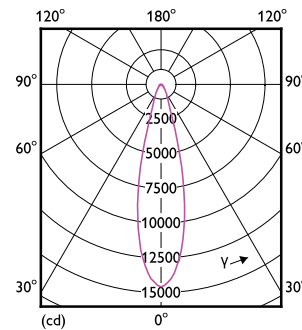
Product	D	C
36PAR38/PER/830/F25/ND/120V 6/1FB	123 mm	133 mm

Photometric data



Spectral Power Distribution Colour - 36PAR38/PER/830/F25/ND/120V 6/1FB

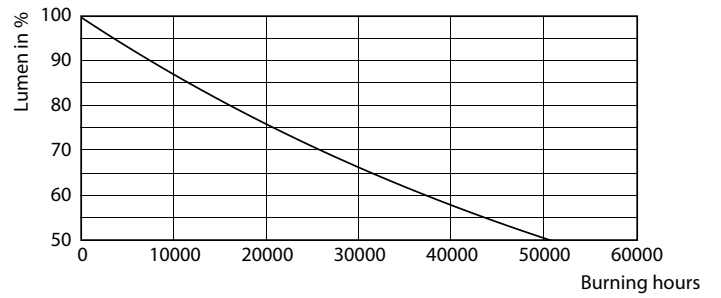
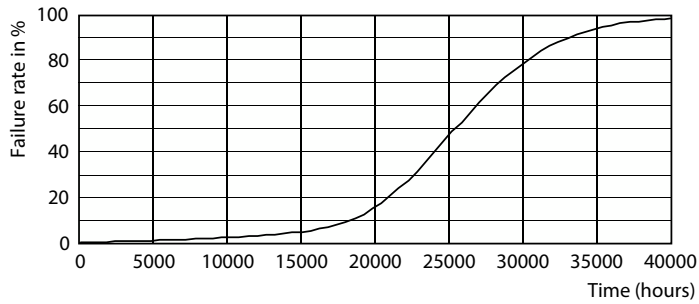
Accent Lighting Spots - 36PAR38/PER/830/F25/ND/120V 6/1FB



Light Distribution Diagram - 36PAR38/PER/830/F25/ND/120V 6/1FB

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Lifetime



Life Expectancy Diagram - 36PAR38/PER/830/F25/ND/120V 6/1FB

Lumen Maintenance Diagram - 36PAR38/PER/830/F25/ND/120V 6/1FB

