



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			
Cap-Base	E26 [Single Contact Medium Screw]	Power Consumption	36 W
Nominal lifetime	25,000 hour(s)	Lamp Current (Nom)	330 mA
Switching Cycle	50,000	Wattage Equivalent	250 W
Lighting Technology	LED	Starting Time (Nom)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	0.5 s
Light Technical		Power Factor (Fraction)	0.95
Color Code	830 [CCT of 3000K]	Voltage (Nom)	120 V
Beam Angle (Nom)	25 degree(s)	Temperature	
Luminous Flux	3,800 lm	T-Case Maximum (Nom)	90 °C
Luminous Intensity (Nom)	11,000 cd	Controls and Dimming	
Color Designation	White (WH)	Dimmable	No
Correlated Color Temperature (Nom)	3000 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	105.00 lm/W	Bulb Finish	Clear
Color Consistency	<4	Bulb Material	Aluminum
Color rendering index (CRI)	80	Bulb Shape	PAR38 [PAR 4.75 inch/121mm]
LLMF At End Of Nominal Lifetime (Nom)	70 %	UL Wet/ damp/ dry location	Damp location
Operating and Electrical		Approval and Application	
Line Frequency	50 to 60 Hz	Suitable For Accent Lighting	Yes
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

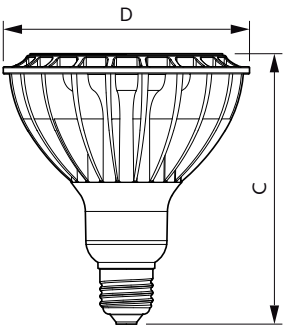
can it be used in closed luminaires	No
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Product Data

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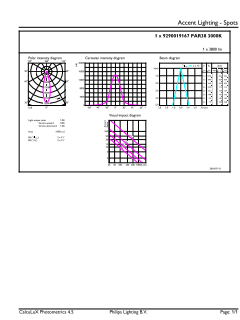
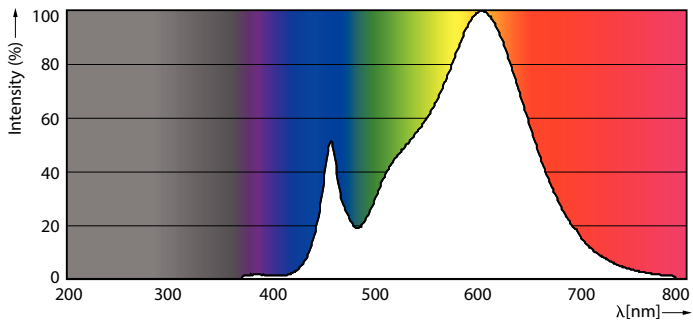
Full product name	36PAR38/PER/830/F25/ND/120V 6/1FB
Order code	929001916704
Material Nr. (12NC)	929001916704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677534592
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677534597

Dimensional drawing



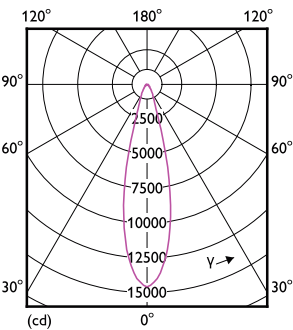
Product	D	C
36PAR38/PER/830/F25/ND/120V 6/1FB	123 mm	133 mm

Photometric data



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

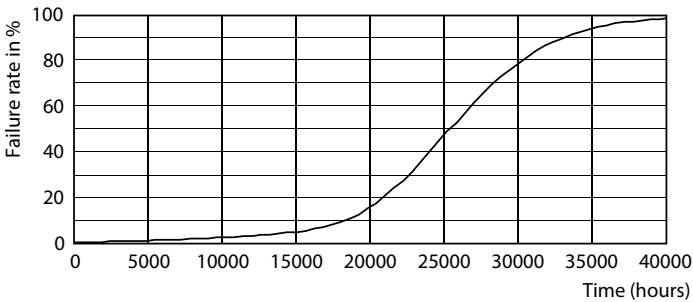
Accent Lighting Spots - 36PAR38/PER/830/F25/ND/120V 6/1FB



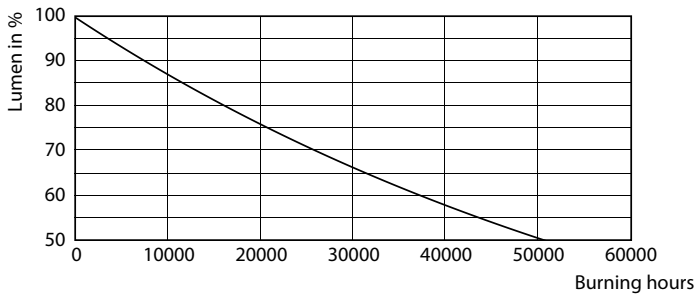
Light Distribution Diagram - 36PAR38/PER/830/F25/ND/120V 6/1FB

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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

