

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]
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	3,800 lm
Luminous Intensity (Nom)	11,000 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	105.00 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
Input Frequency	50 to 60 Hz
Power Consumption	36 W
Lamp Current (Nom)	330 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	No

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

TrueForce High Lumen PAR

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

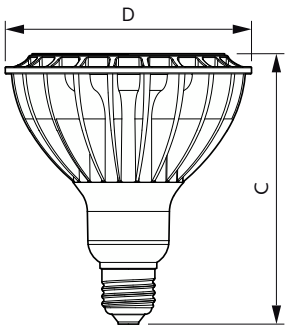
Application Conditions

can it be used in closed luminaires	No

Product Data

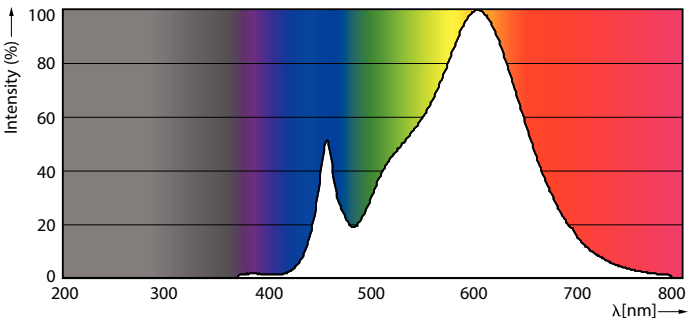
Order product name	36PAR38/PER/830/F25/ND/120V 6/1FB
Full product name	36PAR38/PER/830/F25/ND/120V 6/1FB
Order code	534594
Material Nr. (12NC)	929001916704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677534592
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677534597

Dimensional drawing

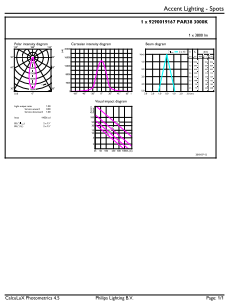


Product	D	C
36PAR38/PER/830/F25/ND/120V 6/1FB	123 mm	133 mm

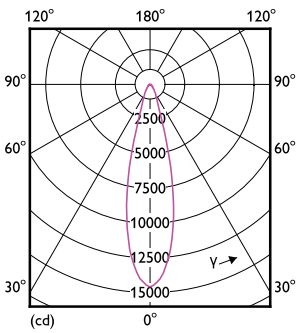
Photometric data



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



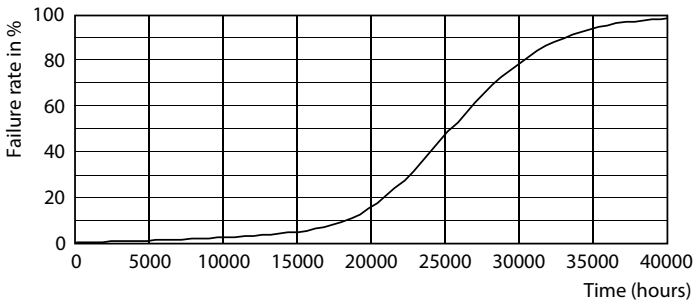
Accent Lighting Spots - 36PAR38/PER/830/F25/ND/120V 6/1FB



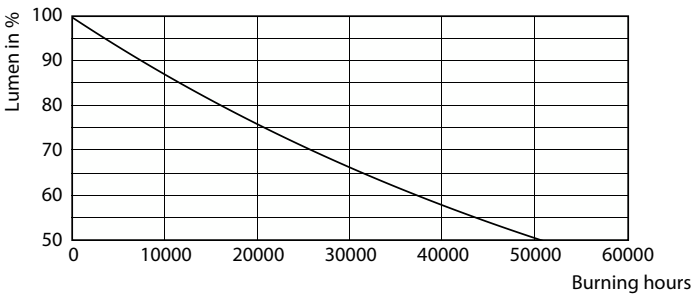
Light Distribution Diagram - 36PAR38/PER/830/F25/ND/120V 6/1FB

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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

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