TrueForce High Lumen PAR

27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB

LED, PAR38, 250 W, E26, 3000 K, 2800 lm, 25000 hour(s), Aluminum

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

Product data

General Information	
Cap-Base	E26
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	25 degree(s)
Luminous Flux	2,800 lm
Luminous Intensity (Nom)	8,500 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	103.00 lm/W
Color Consistency	<4
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	60 Hz
Input Frequency	60 Hz
Power Consumption	27 W
Lamp Current (Nom)	216 mA
Wattage Equivalent	250 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V

Temperature	
T-Case Maximum (Nom)	75 °C

Controls and Dimming	
Dimmable	Only with specific dimmers

Mechanical and Housing	
Bulb Finish	Clear

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Bulb Material	Aluminum
Bulb Shape	PAR38
UL Wet/ damp/ dry location	Damp location
Net Weight (Piece)	0.425 kg

Approval and Application

Suitable For Accent Lighting	Yes
EU RoHS compliant	Yes
T20 compliant	N/A
Ambient temperature range	-20 to +45 °C

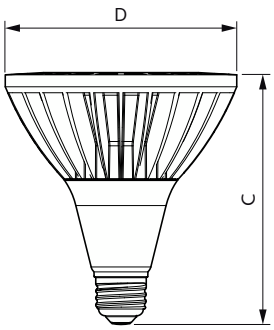
Application Conditions

can it be used in closed luminaires	No

Product Data

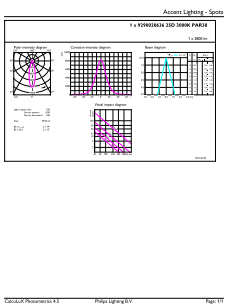
Order product name	27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB
Full product name	27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB
Order code	929003063604
Material Nr. (12NC)	929003063604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677569730
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677569735

Dimensional drawing

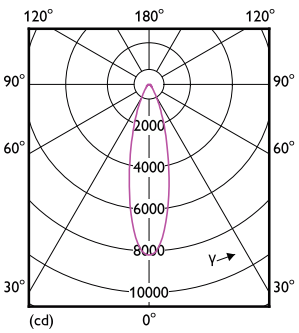


Product	D	C
27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB	120 mm	131 mm

Photometric data



Accent Lighting Spots - 27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB



Light Distribution Diagram - 27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB

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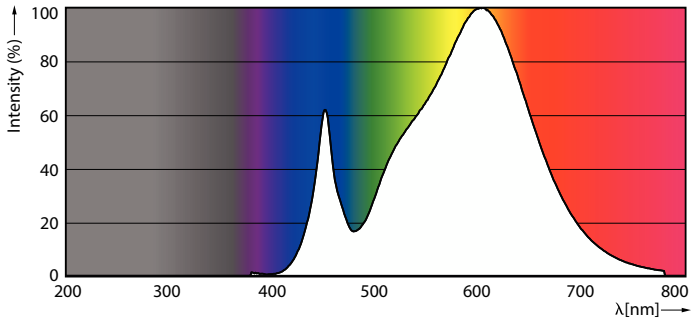
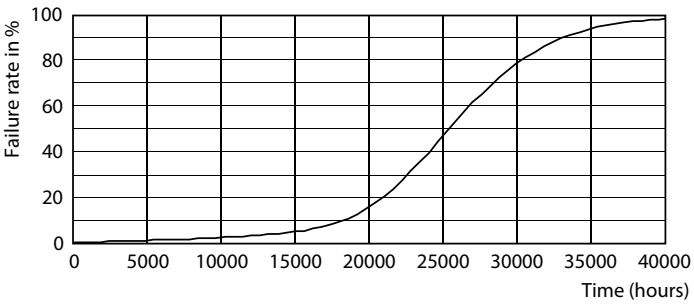
Photometric data

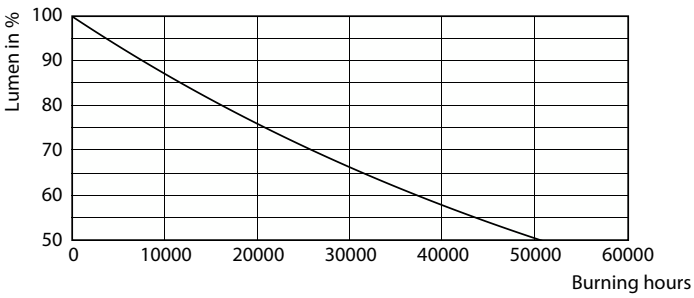


Spectral Power Distribution Colour - 27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB

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