



TrueForce High Lumen PAR

27PAR38TrueF 830 F25 DIM 120V-277V 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]	Lamp Current (Nom)	216 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
		Power Factor (Fraction)	0.9
		Voltage (Nom)	120-277 V
Light Technical		Temperature	
Color Code	830 [CCT of 3000K]	T-Case Maximum (Nom)	75 °C
Beam Angle (Nom)	25 degree(s)	Controls and Dimming	
Luminous Flux	2,800 lm	Dimmable	Only with specific dimmers
Luminous Intensity (Nom)	8,500 cd	Mechanical and Housing	
Color Designation	White (WH)	Bulb Finish	Clear
Correlated Color Temperature (Nom)	3000 K	Bulb Material	Aluminum
Luminous Efficacy (rated) (Nom)	103.00 lm/W	Bulb Shape	PAR38
Color Consistency	<4	UL Wet/ damp/ dry location	Damp location
Color rendering index (CRI)	80	Net Weight (Piece)	0.425 kg
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approval and Application	
Operating and Electrical		Suitable For Accent Lighting	Yes
Line Frequency	60 Hz		
Input Frequency	60 Hz		
Power Consumption	27 W		

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Energy Consumption kWh/1000 h	- kWh
EU RoHS compliant	Yes
T20 compliant	N/A

Application Conditions

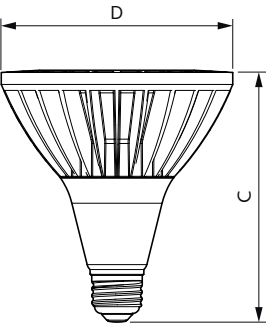
can it be used in closed luminaires	No
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Product Data

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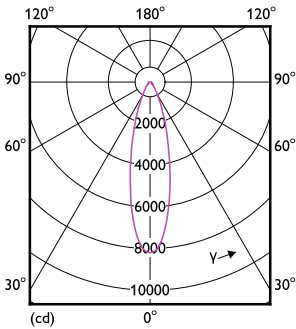
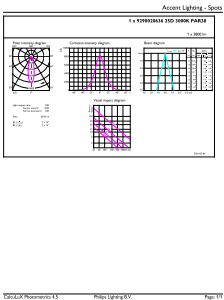
Full product name	27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB
Order code	929003063604
Material Nr. (12NC)	929003063604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677569730
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677569735

Dimensional drawing



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

Photometric data

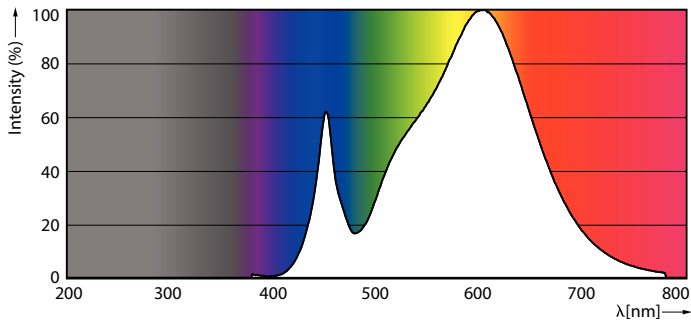


Accent Lighting Spots - 27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB

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

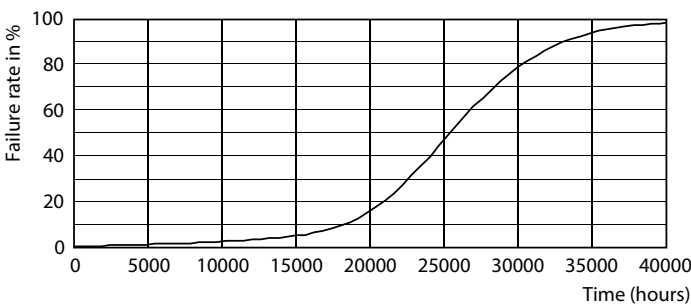
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Photometric data

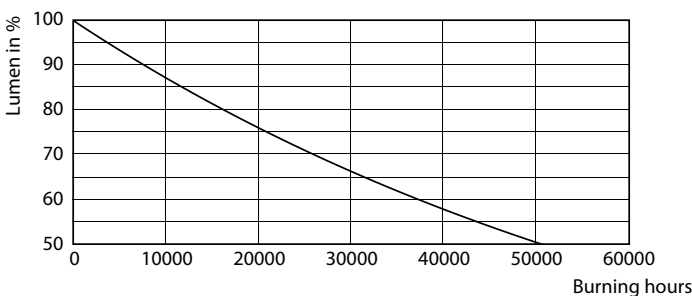


Spectral Power Distribution Colour - 27PAR38TrueF 830 F25 DIM 120V-277V
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Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 27PAR38TrueF 830 F25 DIM 120V-277V
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