



TrueForce High Lumen PAR

27PAR38TrueF 830 F15 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		Power Consumption	
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
EU RoHS compliant	Yes	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)	15 degree(s)		
Luminous Flux	2,800 lm	Controls and Dimming	
Luminous Intensity (Nom)	18,000 cd	Dimmable	Only with specific dimmers
Color Designation	White (WH)		
Correlated Color Temperature (Nom)	3000 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	103.00 lm/W	Bulb Finish	Clear
Color Consistency	<4	Bulb Material	Aluminum
Color rendering index (CRI)	80	Bulb Shape	PAR38
LLMF At End Of Nominal Lifetime (Nom)	70 %	UL Wet/ damp/ dry location	Damp location
Operating and Electrical		Approval and Application	
Line Frequency	60 Hz	Suitable For Accent Lighting	Yes
Input Frequency	60 Hz		

TrueForce High Lumen PAR

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

Application Conditions

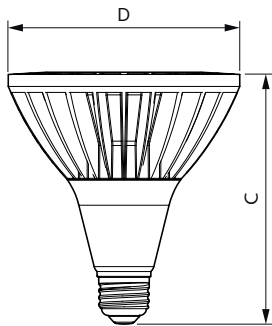
can it be used in closed luminaires	No
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Product Data

Order product name	27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB
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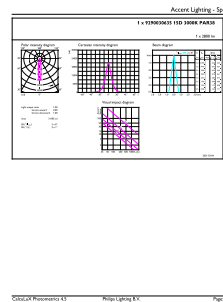
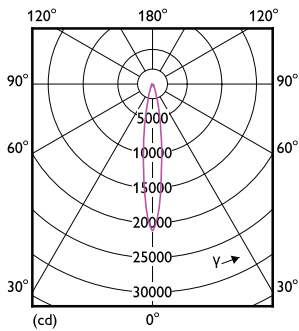
Full product name	27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB
Order code	929003063504
Material Nr. (12NC)	929003063504
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677569723
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677569728

Dimensional drawing



Product	D	C
27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB	120 mm	131 mm

Photometric data

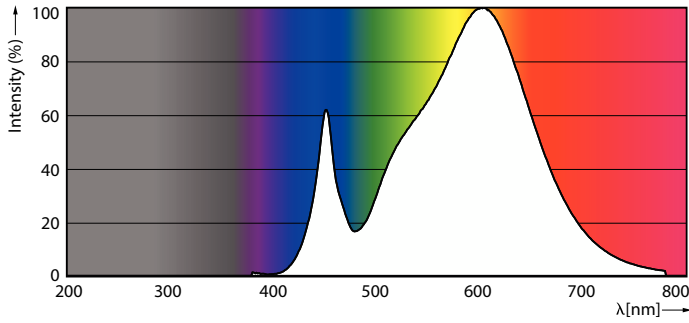


Light Distribution Diagram - 27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB

Accent Lighting Spots - 27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB

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Photometric data



Spectral Power Distribution Colour - 27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB

Lifetime



Life Expectancy Diagram - 27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB



Lumen Maintenance Diagram - 27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB

