



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]
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	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
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

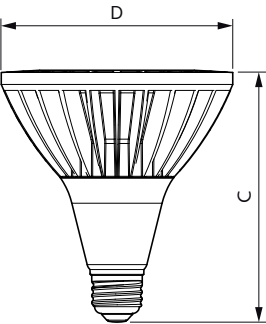
can it be used in closed luminaires	No
-------------------------------------	----

Product Data

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

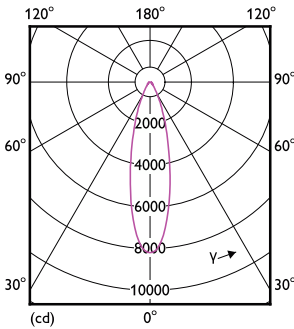
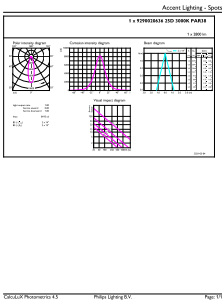
Full product name	27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB
Order code	929003063604
Material Nr. (12NC)	929003063604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677569730
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677569735

Dimensional drawing



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

Photometric data

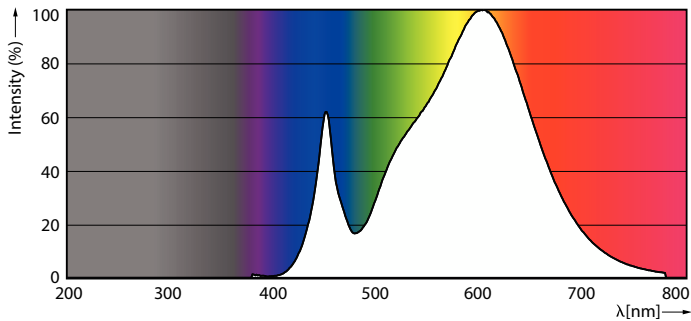


Accent Lighting Spots - 27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB

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

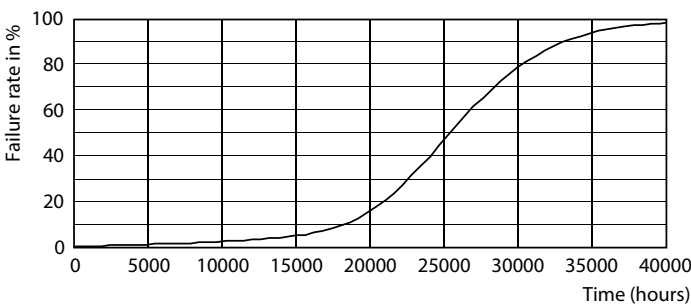
TrueForce High Lumen PAR

Photometric data

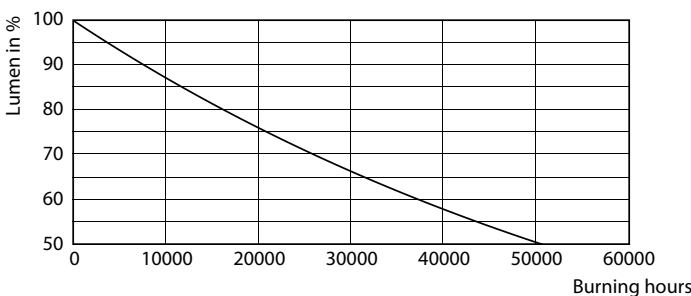


Spectral Power Distribution Colour - 27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB

Lifetime



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



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

