

A-Shape LED

16A21/PER/827-22/P/E26/WG 6/1FB

Philips A-shape LED lamps are the LED alternative to standard incandescents. It provides beautiful light and dependable performance you expect from LED at an affordable price.

Product data

General Information	
Cap-Base	E26 [Single Contact Medium Screw]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	822-827 [tunable warm white]
Beam Angle (Nom)	250 degree(s)
Luminous Flux	1,600 lm
Color Designation	Warm White (WW)
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Consistency	<6
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	16 W
Lamp Current (Nom)	180 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s

Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.8
Voltage (Nom)	120 V

Temperature	
T-Case Maximum (Nom)	194 °F

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	A21 [A 21mm]

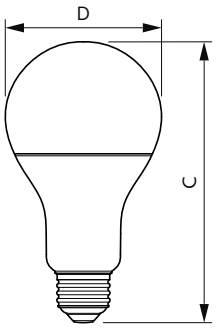
Approval and Application	
Energy Consumption kWh/1000 h	- kWh

Product Data	
Order product name	16A21/PER/827-22/P/E26/WG 6/1FB
Full product name	16A21/PER/827-22/P/E26/WG 6/1FB
Order code	479485
Material Nr. (12NC)	929001837704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677479480

A-Shape LED

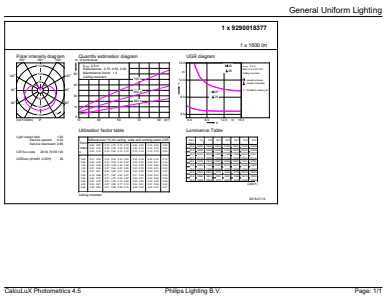
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677479485

Dimensional drawing

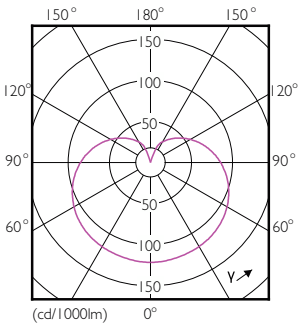


Product	D	C
16A21/PER/827-22/P/E26/WG 6/1FB	3-1/8 inch	5-9/16 inch

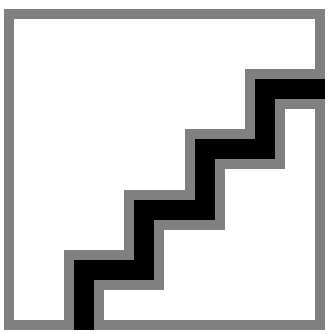
Photometric data



General uniform lighting - 16A21/PER/827-22/P/E26/WG 6/1FB



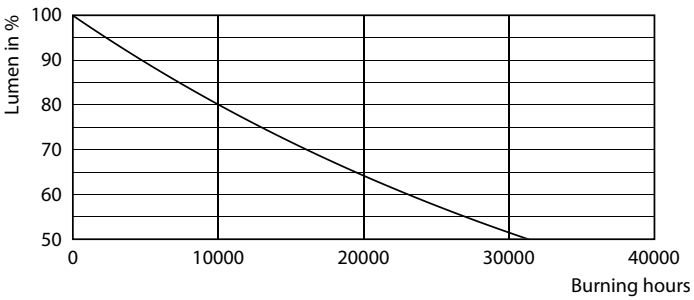
Light Distribution Diagram - 16A21/PER/827-22/P/E26/WG 6/1FB

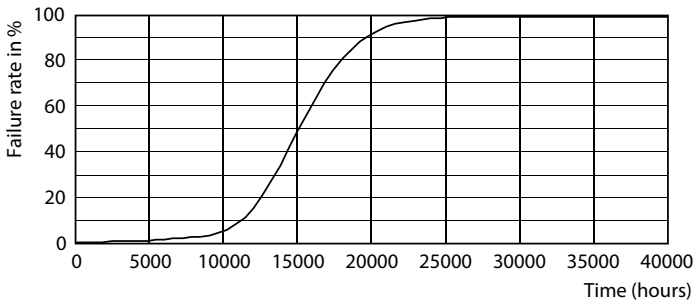


Spectral Power Distribution Colour - 16A21/PER/827-22/P/E26/WG 6/1FB

A-Shape LED

Lifetime





Lumen Maintenance Diagram - 16A21/PER/827-22/P/E26/WG 6/1FB

Life Expectancy Diagram - 16A21/PER/827-22/P/E26/WG 6/1FB

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