



Classic filament LEDbulbs

LED giant 20W E27 A160 1800K smoky D

Featuring a classic heritage design, Classic filament LEDbulbs combine the familiar shapes of classic incandescent bulbs with the benefits of the long lasting LED technology. They deliver beautiful, decorative warm-white light while saving around 90% on energy costs compared with traditional light bulbs.

Product data

General Information	
Lighting Technology	LED
Switching Cycle	20,000
Rated Lifetime (Hours)	15,000 hour(s)
Nominal lifetime	15,000 hour(s)
Cap-Base	E27 [E27]
Light Technical	
Color Code	818 [CCT of 1800K]
Color Code	818 [CCT of 1800K]
Luminous Flux	200 lumen
Color Designation	1800
Correlated Color Temperature (Nom)	1800 K
Luminous Efficacy (rated) (Nom)	30.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	6.5 W
Lamp Current (Nom)	40 mA
Wattage Equivalent	20 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	45 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	smoky

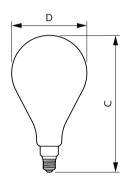
Datasheet, 2023, July 6 data subject to change

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Bulb Shape	A160 [A160mm]	
Approval and Application		
Energy Consumption kWh/1000 h	7 kWh	
CE mark	Yes	
EU RoHS compliant	Yes	
Product Data		
Full product code	871951431537200	_

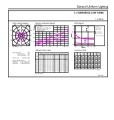
Order product name	LED giant 20W E27 A160 1800K smoky D	
Order code	929002982501	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	2	
Material number (12NC)	929002982501	
Full product name	LED giant 20W E27 A160 1800K smoky D	
EAN/UPC - Case	8719514315389	

Dimensional drawing



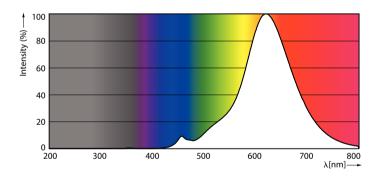
Product	D	С
LED giant 20W E27 A160 1800K smoky D	162 mm	293 mm

Photometric data



Calculat Processes of St. Philip Lighting EV. Page 17

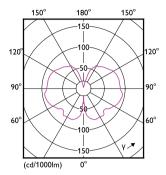
General uniform lighting - LED giant 20W E27 A160 1800K smoky D



Spectral Power Distribution Colour - LED giant 20W E27 A160 1800K smoky

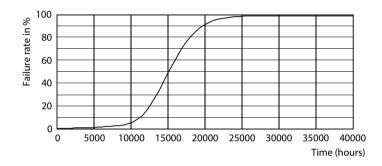
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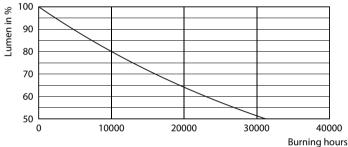
Photometric data



Light Distribution Diagram - LED giant 20W E27 A160 1800K smoky D

Lifetime





Life Expectancy Diagram - LED giant 20W E27 A160 1800K smoky D

Lumen Maintenance Diagram - LED giant 20W E27 A160 1800K smoky D



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