



LED BA11

5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20

Philips LED BA11 candles offer energy saving ambiance with the elegant effect of incandescent candles. These designs provides light in an omnidirectional manner, giving lighting designers a long life alternative to standard incandescent sources.

Product data

General Information		
Cap-Base	E12 [Candelabra Screw]	
Nominal lifetime	15,000 hour(s)	
Switching Cycle	20,000	
Rated Lifetime (Hours)	15,000 hour(s)	
Lighting Technology	LED	
EU RoHS compliant	Yes	
Light Technical		
Color Code	922-927 [CCT of 2200K-2700K]	
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Beam Angle (Nom)	300 degree(s)	
Luminous Flux	500 lm	
Color Designation	Warm Glow(WG)	
Correlated Color Temperature (Nom)	2200 2700 K	
Luminous Efficacy (rated) (Nom)	100 lm/W	
Color Consistency	<4	
Color rendering index (CRI)	95	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Operating and Electrical		
Line Frequency	60 Hz	
Input Frequency	60 Hz	
Power Consumption	5 W	

Lamp Current (Nom)	55 mA
Wattage Equivalent	60 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.4 s
Power Factor (Fraction)	0.7
Voltage (Nom)	120 V
Temperature	
Ambient temperature range	-4 °F to 104 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	BA11
UL Wet/ damp/ dry location	Wet location
Approval and Application	
Energy Certifications	Energy Star
EyeComfort	Yes
T20 compliant	Yes

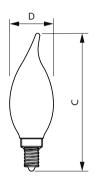
Datasheet, 2023, August 31 data subject to change

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Application Conditions	
can it be used in closed luminaires	No
Product Data	
Order product name	5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20
Full product name	5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20
Order code	566687

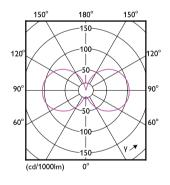
Material Nr. (12NC)	929002991003
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677566685
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677566680

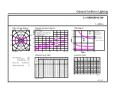
Dimensional drawing



Product	D	С
5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20	1-3/8 inch	4-3/8 inch

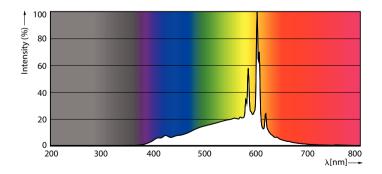
Photometric data





Light Distribution Diagram - 5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20

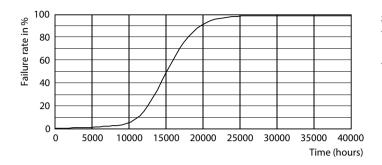
General uniform lighting - 5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20



Spectral Power Distribution Colour - 5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20

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Lifetime





Life Expectancy Diagram - 5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20

Lumen Maintenance Diagram - 5BA11/PER/UD/CL/G/E12/WGD 6/3PF T20



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