



Premium LED bulbs - Dimmable and features

BC6R20/AMB/827-22/DIM 120V 4/1

Create a warm, inviting ambiance with the Philips dimmable Premium LED bulbs. The Philips LED WarmGlow bulbs offer a new experience for dimmable LEDs, by enabling light levels to dim to the warm tones of traditional lamps. You can change the ambiance from functional lighting to an inviting and cozy atmosphere.

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	822-827 [tunable warm white]	
Luminous Flux	450 lm	
Color Designation	Warm White (WW)	
Luminous Efficacy (rated) (Nom)	75.00 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	6 W
Lamp Current (Nom)	65 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	110-130 V
Temperature	
T-Case Maximum (Nom)	169 °F
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	BR20

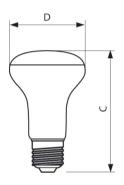
Datasheet, 2023, November 12 data subject to change

Premium LED bulbs - Dimmable and features

Approval and Application	
EyeComfort	Yes
Product Data	
Order product name	BC6R20/LED/827-22/DIM 120V
Full product name	BC6R20/AMB/827-22/DIM 120V 4/1
Order code	456995

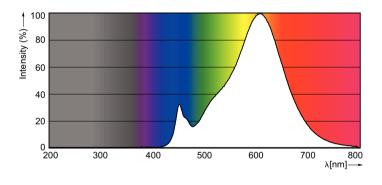
Material Nr. (12NC)	929001155703	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677456993	
Numerator - Packs per outer box	4	
EAN/UPC - Case	50046677456998	

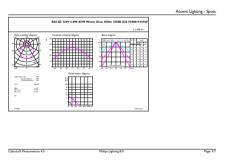
Dimensional drawing



Product	D	С
BC6R20/LED/827-22/DIM 120V	2-9/16 inch	4 inch

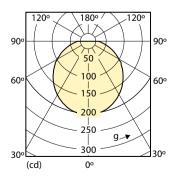
Photometric data





Spectral Power Distribution Colour - BC6R20/LED/827-22/DIM 120V





Light Distribution Diagram - BC6R20/LED/827-22/DIM 120V

Premium LED bulbs - Dimmable and features



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.