



LED G16.5

3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20

Philips G16.5 LED Lamps offer energy saving ambience with an elegant effect. Their unique design provides light in all directions, 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	350 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	3.5 W	

Lamp Current (Nom)	40 mA
Wattage Equivalent	40 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
Dimmable	Only with specific dimmers
Dimmable Mechanical and Housing	Only with specific dimmers
	Only with specific dimmers Clear
Mechanical and Housing	
Mechanical and Housing Bulb Finish	Clear
Mechanical and Housing Bulb Finish Bulb Material	Clear Glass
Mechanical and Housing Bulb Finish Bulb Material Bulb Shape	Clear Glass G16.5
Mechanical and Housing Bulb Finish Bulb Material Bulb Shape	Clear Glass G16.5
Mechanical and Housing Bulb Finish Bulb Material Bulb Shape UL Wet/ damp/ dry location	Clear Glass G16.5
Mechanical and Housing Bulb Finish Bulb Material Bulb Shape UL Wet/ damp/ dry location Approval and Application	Clear Glass G16.5 Wet location
Mechanical and Housing Bulb Finish Bulb Material Bulb Shape UL Wet/ damp/ dry location Approval and Application Energy Certifications	Clear Glass G16.5 Wet location Energy Star

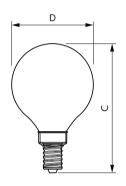
Datasheet, 2023, November 3 data subject to change

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LED Innovations	EyeComfort
Application Conditions	
can it be used in closed luminaires	No
Product Data	
Order product name	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20
Full product name	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20

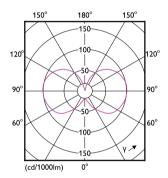
Order code	573303
Material Nr. (12NC)	929003085203
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677573300
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677573305

Dimensional drawing

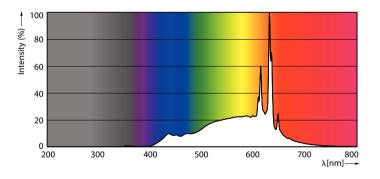


Product	D	С
3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	2 inch	3-3/16 inch

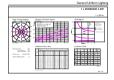
Photometric data



Light Distribution Diagram - 3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20



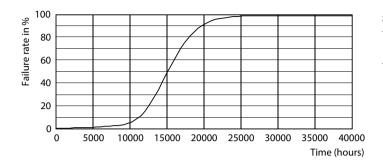
Spectral Power Distribution Colour - 3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20

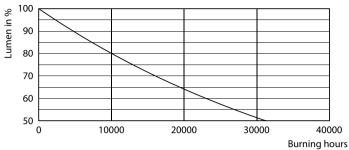


General uniform lighting - 3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20

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Lifetime





Life Expectancy Diagram - 3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20

Lumen Maintenance Diagram - 3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20



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