



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
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

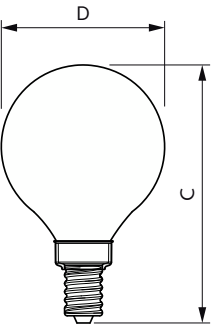
Wattage Equivalent	40 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.4 s
Power Factor (Fraction)	0.7
Voltage (Nom)	120 V
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	G16.5
UL Wet/ damp/ dry location	Wet location
Net Weight (Piece)	0.016 kg
Approval and Application	
EU RoHS compliant	Yes
EyeComfort	Yes
T20 compliant	Yes
LED Innovations	EyeComfort
Ambient temperature range	-20 °C to 40 °C

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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	929003085203

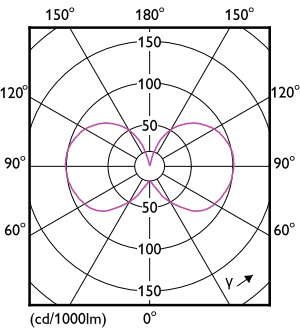
Material Nr. (12NC)	929003085203
Numerator - Quantity Per Pack	2
EAN/UPC - Product/Case	046677573300
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677573305

Dimensional drawing

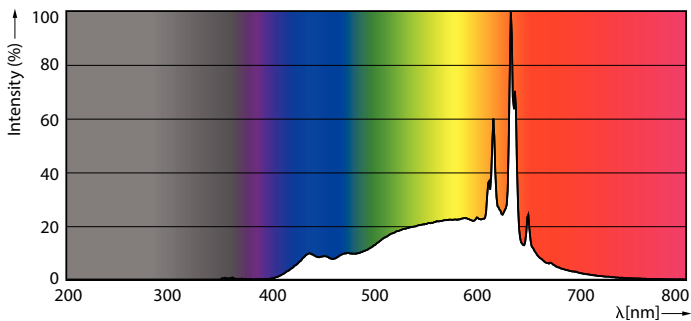


Product	D	C
3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	50 mm	81 mm

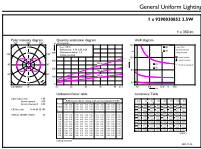
Photometric data



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

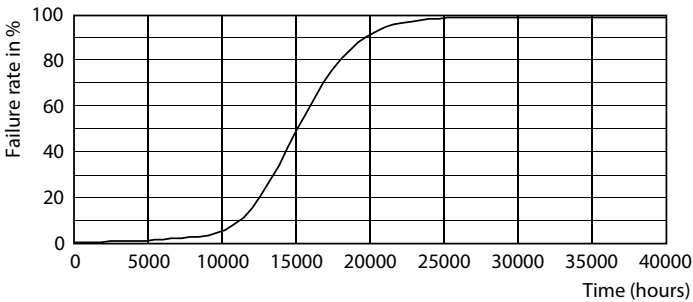


Spectral Power Distribution Colour - 3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20

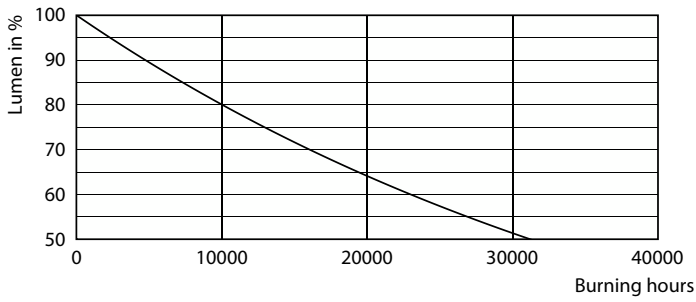


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Lifetime



Life Expectancy Diagram



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

