



Energy saving elegance in a versatile design

LED G16.5

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.

Benefits

- Long life -- lowers maintenance costs by reducing re-lamp frequency
- Excellent color consistency with high color rendering (CRI)
- Certain offerings with a warm glow effect dim to a cozy glow to set the mood

Features

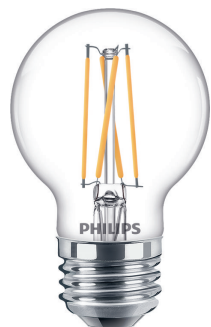
- Integrated compact driver design to achieve a decorative look and feel
- Smooth dimming
- Installs into existing candelabra and medium-base fixtures
- 15,000-hour rated average life
- Wet location

Application

- Chandeliers
- Marque lighting
- Restaurants

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Versions



Single Contact Medium Screw



Single Contact Medium Screw



Single Contact Medium Screw
G16.5 Frosted

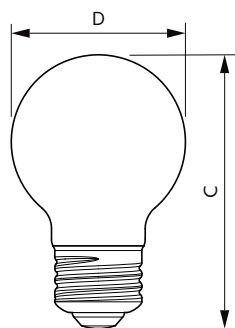


Single Contact Medium Screw
G16.5 Clear



Candelabra Screw G16.5 Clear

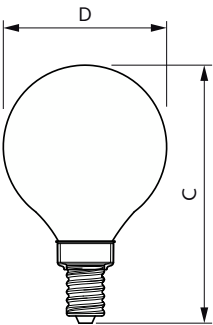
Dimensional drawing



Product	D	C
2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	2-1/16 in	3-5/16 in
3.8G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	2-1/16 in	3-5/16 in
5.5G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	2-1/16 in	3-5/16 in
3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	2-1/16 in	3-1/4 in
3.8G16.5PER927-922FRGE26WGX2PFT20	2-1/16 in	3-5/16 in

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Dimensional drawing



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

Operating and electrical	
Voltage (Nom)	120 V
Starting Time (Nom)	0.5 s
General information	
Nominal Lifetime (Nom)	15000 h
Light technical	
LLmf At End Of Nominal Lifetime (Nom)	70 %
Mechanical and housing	
Bulb Shape	G16.5

Approval and application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
549253	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	- kWh
549279	3.8G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	- kWh
549295	5.5G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	- kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
564591	3.8G16.5PER927-922FRGE26WGX2PFT20	-
573295	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	-
573303	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	-

Controls and dimming

Order Code	Full Product Name	Dimmable
549253	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	Yes
549279	3.8G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	Yes
549295	5.5G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	Yes
564591	3.8G16.5PER927-922FRGE26WGX2PFT20	Only with specific dimmers

Order Code	Full Product Name	Dimmable
573295	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	Only with specific dimmers
573303	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	Only with specific dimmers

Operating and electrical

Order Code	Full Product Name	Input Frequency	Wattage Equivalent	Power (Nom)
549253	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	50 to 60 Hz	25 W	2.7 W

Order Code	Full Product Name	Input Frequency	Wattage Equivalent	Power (Nom)
549279	3.8G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	50 to 60 Hz	40 W	3.8 W

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Order Code	Full Product Name	Input Frequency	Wattage Equivalent	Power (Nom)
549295	5.5G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	50 to 60 Hz	60 W	5.5 W
564591	3.8G16.5PER927-922FRGE26WX2PFT20	50 to 60 Hz	40 W	3.8 W

Order Code	Full Product Name	Input Frequency	Wattage Equivalent	Power (Nom)
573295	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	60 Hz	40 W	3.5 W
573303	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	60 Hz	40 W	3.5 W

General information

Order Code	Full Product Name	Cap-Base	Switching Cycle
549253	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	E26	20000X
549279	3.8G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	E26	20000X
549295	5.5G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	E26	20000X

Order Code	Full Product Name	Cap-Base	Switching Cycle
564591	3.8G16.5PER927-922FRGE26WX2PFT20	E26	20000
573295	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	E26	20000
573303	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	E12	20000

Light technical

Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Flux (Nom)
549253	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	-	927-922	2700, 2200 K	90	250 lm
549279	3.8G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	-	927-922	2700, 2200 K	90	350 lm
549295	5.5G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	-	927-922	2700, 2200 K	90	500 lm
564591	3.8G16.5PER927-922FRGE26WX2PFT20	300 °	922-927	2200, 2700 K	90	350 lm
573295	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	300 °	922-927	2200, 2700 K	95	350 lm
573303	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	300 °	922-927	2200, 2700 K	95	350 lm

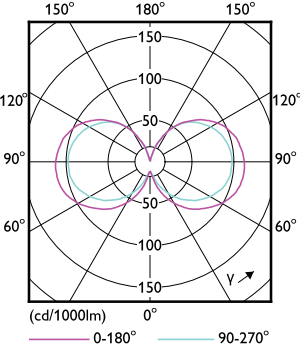
Mechanical and housing

Order Code	Full Product Name	Bulb Finish
549253	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	Clear
549279	3.8G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	Clear
549295	5.5G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	Clear

Order Code	Full Product Name	Bulb Finish
564591	3.8G16.5PER927-922FRGE26WX2PFT20	Frosted
573295	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	Clear
573303	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	Clear

Temperature

Order Code	Full Product Name	T-Ambient (Max)	T-Ambient (Min)	T-Case Maximum (Nom)
549253	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	-	-	113 °F
549279	3.8G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	-	-	122 °F
549295	5.5G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	-	-	140 °F
564591	3.8G16.5PER927-922FRGE26WX2PFT20	113 °F	-4 °F	-
573295	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	104 °F	-4 °F	-
573303	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	104 °F	-4 °F	-



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