



# 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

# LED G16.5

## Versions



Candelabra Screw G16.5 Amber



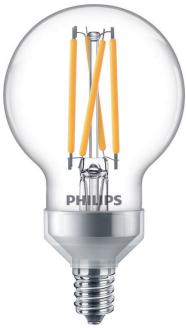
Single Contact Medium Screw



Candelabra Screw

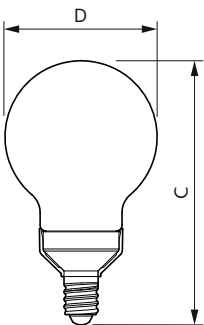
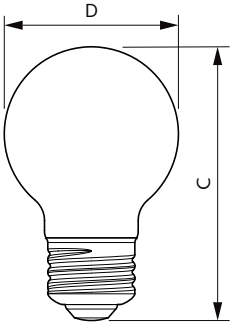


Single Contact Medium Screw



Candelabra Screw

## Dimensional drawing

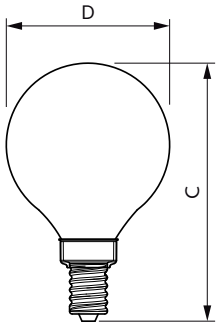


Product	D	C
2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	52 mm	84 mm
3.8G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	52 mm	84 mm
5.5G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	52 mm	84 mm

Product	D	C
2.7G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	52 mm	92 mm
5.5G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	52 mm	92 mm
3.8G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	52 mm	92 mm

# LED G16.5

## Dimensional drawing



Product	D	C
4.5G16.5/VIN/820/E12/CL/GL/DIM FBH T20	50 mm	81 mm

Approval and Application	
Energy Consumption kWh/1000 h	- kWh
Controls and Dimming	
Dimmable	Yes
Operating and Electrical	
Voltage (Nom)	120 V
Starting Time (Nom)	0.5 s
General Information	
Nominal Lifetime (Nom)	15000 h
Switching Cycle	20000X
Light Technical	
Llmf At End Of Nominal Lifetime (Nom)	70 %
Mechanical and Housing	
Bulb Shape	G16.5

## Operating and Electrical

Order Code	Full Product Name	Input Frequency	Wattage Equivalent	Power (Rated) (Nom)
556829	4.5G16.5/VIN/820/E12/CL/GL/DIM FBH T20	60 Hz	40 W	4.5 W
549253	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	50 to 60 Hz	25 W	2.7 W
549261	2.7G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	50 to 60 Hz	25 W	2.7 W
549279	3.8G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	50 to 60 Hz	40 W	3.8 W
549295	5.5G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	50 to 60 Hz	60 W	5.5 W
549287	3.8G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	50 to 60 Hz	40 W	3.8 W
549303	5.5G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	50 to 60 Hz	60 W	5.5 W

## General Information

Order Code	Full Product Name	Cap-Base	Order Code	Full Product Name	Cap-Base
556829	4.5G16.5/VIN/820/E12/CL/GL/DIM FBH T20	E12	549295	5.5G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	E26
549253	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	E26	549287	3.8G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	E12
549261	2.7G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	E12	549303	5.5G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	E12
549279	3.8G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	E26			

## Light Technical

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Flux (Nom)	Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Flux (Nom)
556829	4.5G16.5/VIN/820/E12/CL/GL/DIM FBH T20	820	2000 K	80	300 lm	549253	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	927-922	- K	90	250 lm

## LED G16.5

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Flux (Nom)
549261	2.7G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	927-922	- K	90	250 lm
549279	3.8G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	927-922	- K	90	350 lm
549295	5.5G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	927-922	- K	90	500 lm

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Flux (Nom)
549287	3.8G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	927-922	- K	90	350 lm
549303	5.5G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	927-922	- K	90	500 lm

### Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
556829	4.5G16.5/VIN/820/E12/CL/GL/DIM FBH T20	Amber
549253	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	Clear
549261	2.7G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	Clear
549279	3.8G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	Clear

Order Code	Full Product Name	Bulb Finish
549295	5.5G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	Clear
549287	3.8G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	Clear
549303	5.5G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	Clear

### Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
556829	4.5G16.5/VIN/820/E12/CL/GL/DIM FBH T20	60 °C
549253	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	45 °C
549261	2.7G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	45 °C
549279	3.8G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	50 °C
549295	5.5G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	60 °C
549287	3.8G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	50 °C
549303	5.5G16.5/PER/927-922/CL/G/E12/WGX 1FBT20	60 °C

