



# 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



LEDbulb G45 E27 FR P1

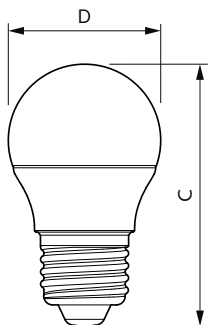
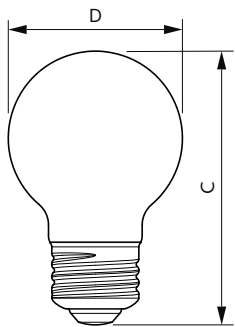


LEDbulb 3,5G16,5 PER UD CL G  
E12WGD6 2PFT20



LEDbulb 3,5G16,5 PER UD CL G  
E26 WGD 6 2PF T20

## Dimensional drawing

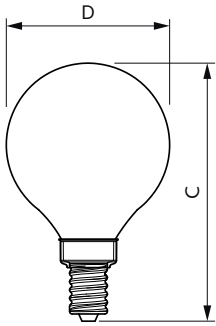


Product	D	C
3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	52 mm	82 mm

Product	D	C
LED 4W E27 3000K100-240V G16.5 3PK THD	45 mm	78 mm
LED 4W E27 6500K100-240V G16.5 3PK THD	45 mm	78 mm
LEDBulb 4W E27 3000K 100-240VG16.5 MX	45 mm	78 mm
LEDBulb 4W E27 6500K 100-240VG16.5 MX	45 mm	78 mm

# LED G16.5

## Dimensional drawing



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

General Information	
Nominal lifetime	15,000 hour(s)
Light Technical	
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux	350 lm
Operating and Electrical	
Starting Time (Nom)	0.5 s
Wattage Equivalent	40 W
Mechanical and Housing	
Bulb Shape	G16.5

## General Information

Order Code	Full Product Name	Cap-Base	Rated	
			Lifetime (Hours)	Switching Cycle
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	E27	-	50,000
929002037273	LEDBulb 4W E27 3000K 100-240VG16.5 MX	E27	-	50,000
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	E27	-	50,000

Order Code	Full Product Name	Cap-Base	Rated	
			Lifetime (Hours)	Switching Cycle
929002037373	LEDBulb 4W E27 6500K 100-240VG16.5 MX	E27	-	50,000
929003085203	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	E12	15,000 hour(s)	20,000
929003085103	3.5G16.5/PER/UD/CL/G/E26/WG D 6/2PF T20	E26	15,000 hour(s)	20,000

## Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color	Color rendering	
			Temperature (Nom)	index (CRI)	Color Code
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	150 degree(s)	3000 K	80	830

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color	Color rendering	
			Temperature (Nom)	index (CRI)	Color Code
929002037273	LEDBulb 4W E27 3000K 100-240VG16.5 MX	150 degree(s)	3000 K	80	830

## LED G16.5

Order Code	Full Product Name	Beam	Correlated	Color	Color
		Angle	Color	rendering	
		(Nom)	Temperature	index	Code
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	150 degree(s)	6500 K	80	865
929002037373	LEDBulb 4W E27 6500K 100-240VG16.5 MX	150 degree(s)	6500 K	80	865

Order Code	Full Product Name	Beam	Correlated	Color	Color
		Angle	Color	rendering	
		(Nom)	Temperature	index	Code
929003085203	3.5G16.5/PER/UD/CL /G/ E12WGD6/2PFT20	300 degree(s)	2200 K	95	922-927
929003085103	3.5G16.5/PER/UD/CL /G/E26/WGD 6/2PF T20	300 degree(s)	2200 K	95	922-927

### Operating and Electrical

Order Code	Full Product Name	Input	Line	Power
		Frequency	Frequency	Consumption
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	50 to 60 Hz	50 to 60 Hz	4 W
929002037273	LEDBulb 4W E27 3000K 100-240VG16.5 MX	50 to 60 Hz	50 to 60 Hz	4 W
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	50 to 60 Hz	50 to 60 Hz	4 W

Order Code	Full Product Name	Input	Line	Power
		Frequency	Frequency	Consumption
929002037373	LEDBulb 4W E27 6500K 100-240VG16.5 MX	50 to 60 Hz	50 to 60 Hz	4 W
929003085203	3.5G16.5/PER/UD/CL/G /E12WGD6/2PFT20	60 Hz	60 Hz	3.5 W
929003085103	3.5G16.5/PER/UD/CL/G /E26/WGD 6/2PF T20	60 Hz	60 Hz	3.5 W

### Temperature

Order Code	Full Product Name	T-Case Maximum
		(Nom)
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	60 °C
929002037273	LEDBulb 4W E27 3000K 100-240VG16.5 MX	60 °C
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	60 °C

Order Code	Full Product Name	T-Case Maximum
		(Nom)
929002037373	LEDBulb 4W E27 6500K 100-240VG16.5 MX	60 °C
929003085203	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	-
929003085103	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	-

### Controls and Dimming

Order Code	Full Product Name	Dimmable
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	No
929002037273	LEDBulb 4W E27 3000K 100-240VG16.5 MX	No
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	No
929002037373	LEDBulb 4W E27 6500K 100-240VG16.5 MX	No

Order Code	Full Product Name	Dimmable
929003085203	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	Only with specific dimmers
929003085103	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	Only with specific dimmers

### Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	Frosted
929002037273	LEDBulb 4W E27 3000K 100-240VG16.5 MX	Frosted
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	Frosted

Order Code	Full Product Name	Bulb Finish
929002037373	LEDBulb 4W E27 6500K 100-240VG16.5 MX	Frosted
929003085203	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	Clear
929003085103	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	Clear

### Approval and Application

# LED G16.5

Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	-	- kWh
929002037273	LEDBulb 4W E27 3000K 100-240VG16.5 MX	-	-
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	-	- kWh
929002037373	LEDBulb 4W E27 6500K 100-240VG16.5 MX	-	-
929003085203	3.5G16.5/PER/UD/CL/G/ E12WGD6/2PFT20	-20 °C to 40 °C	-
929003085103	3.5G16.5/PER/UD/CL/G/E26/W GD 6/2PF T20	-20 °C to 40 °C	-

