



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



LEDbulb G45 E27 FR P1



LED 3,8G16,5 PER 927 922 FR G
E26 WGX 1FBT20



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

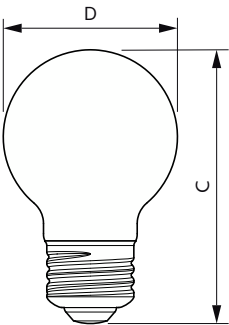


LEDbulb 3,5G16,5 PER UD CL G
E26 WGD 6 2PF T20



LEDbulb 25W E26 G16,5 927 CL

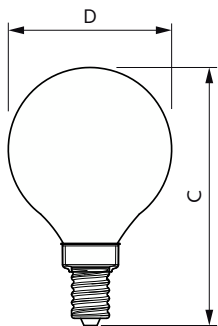
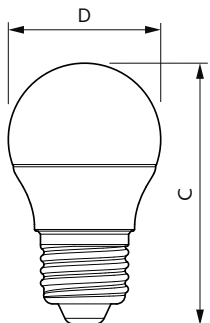
Dimensional drawing



Product	D	C
2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	52 mm	84 mm
3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	52 mm	82 mm
3.8G16.5PER927-922FRGE26WGX2PFT20	52 mm	84 mm

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Dimensional drawing



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

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 %
Operating and Electrical	
Starting Time (Nom)	0.5 s
Mechanical and Housing	
Bulb Shape	G16.5

General Information

Order Code	Full Product Name	Rated		
		Cap-Base	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
929002037373	LEDBulb 4W E27 6500K 100-240VG16.5 MX	E27	-	50,000

Order Code	Full Product Name	Rated		
		Cap-Base	Lifetime (Hours)	Switching Cycle
929002205423	3.8G16.5PER927-922FRGE26WG2PFT20	E26	-	20,000
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/WGD 6/2PF T20	E26	15,000 hour(s)	20,000
929002204804	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	E26	15,000 hour(s)	20,000

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Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color rendering index		Color Code	Luminous Flux
				(CRI)			
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	150 degree(s)	3000 K	80		830	350 lm
929002037273	LEDBulb 4W E27 3000K 100-240VG16.5 MX	150 degree(s)	3000 K	80		830	350 lm
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	150 degree(s)	6500 K	80		865	350 lm
929002037373	LEDBulb 4W E27 6500K 100-240VG16.5 MX	150 degree(s)	6500 K	80		865	350 lm
929002205423	3.8G16.5PER927-922FRGE26WGX2PFT20	300 degree(s)	2200 K	90		922-927	350 lm
929003085203	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	300 degree(s)	2200 K	95		922-927	350 lm
929003085103	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	300 degree(s)	2200 K	95		922-927	350 lm
929002204804	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	-	2700 K	90		927-922	250 lm

Operating and Electrical

Order Code	Full Product Name	Input	Line	Power	Order Code	Full Product Name	Input	Line	Power
		Frequency	Frequency	Consum			Frequency	Frequency	Consumption
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	50 to 60 Hz	50 to 60 Hz	4 W	929002205423	3.8G16.5PER927-922FRGE26WGX2PFT20	50 to 60 Hz	50 to 60 Hz	3.8 W
929002037273	LEDBulb 4W E27 3000K 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
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	50 to 60 Hz	50 to 60 Hz	4 W	929003085103	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	60 Hz	60 Hz	3.5 W
929002037373	LEDBulb 4W E27 6500K 100-240VG16.5 MX	50 to 60 Hz	50 to 60 Hz	4 W	929002204804	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	50 to 60 Hz	50 to 60 Hz	2.7 W

Temperature

Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)	Order Code	Full Product Name	Ambient temperature range	T-Case Maximum (Nom)
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	-	60 °C	929002205423	3.8G16.5PER927-922FRGE26WGX2PFT20	-20 °C to 45 °C	-
929002037273	LEDBulb 4W E27 3000K 100-240VG16.5 MX	-	60 °C	929003085203	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	-20 °C to 40 °C	-
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	-	60 °C	929003085103	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	-20 °C to 40 °C	-
929002037373	LEDBulb 4W E27 6500K 100-240VG16.5 MX	-	60 °C	929002204804	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	-	45 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	No	929003085203	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	Only with specific dimmers
929002037273	LEDBulb 4W E27 3000K 100-240VG16.5 MX	No	929003085103	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	Only with specific dimmers
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	No	929002204804	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	Yes
929002037373	LEDBulb 4W E27 6500K 100-240VG16.5 MX	No			
929002205423	3.8G16.5PER927-922FRGE26WGX2PFT20	Only with specific dimmers			

Mechanical and Housing

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Order Code	Full Product Name	Bulb Finish
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	Frosted
929002037273	LED Bulb 4W E27 3000K 100-240VG16.5 MX	Frosted
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	Frosted
929002037373	LED Bulb 4W E27 6500K 100-240VG16.5 MX	Frosted

Order Code	Full Product Name	Bulb Finish
929002205423	3.8G16.5PER927-922FRGE26WGX2PFT20	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
929002204804	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	Clear

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	- kWh
929002037273	LED Bulb 4W E27 3000K 100-240VG16.5 MX	-
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	- kWh
929002037373	LED Bulb 4W E27 6500K 100-240VG16.5 MX	-
929002205423	3.8G16.5PER927-922FRGE26WGX2PFT20	-
929003085203	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	-
929003085103	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	-
929002204804	2.7G16.5/PER/927-922/CL/G/E26/WGX 1FBT20	- kWh

