



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

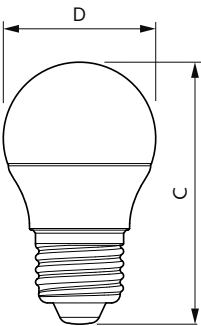
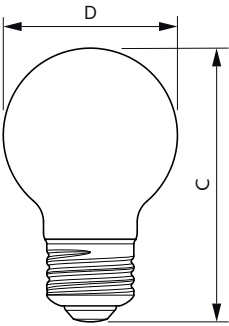


LEDbulb 3,5G16,5 PER UD CL G
E12WGD6 2PFT20



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

Dimensional drawing

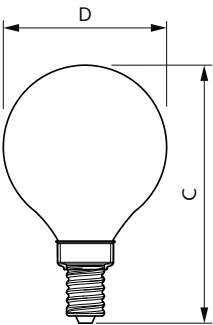


Product	D	C
3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	52 mm	82 mm

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

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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
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
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 Temperature (Nom)	Color rendering index (CRI)	Color Code
			Temperature (Nom)	index (CRI)	Code
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	150 degree(s)	3000 K	80	830
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	150 degree(s)	6500 K	80	865

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Color Code
			Temperature (Nom)	index (CRI)	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/WG D 6/2PF T20	300 degree(s)	2200 K	95	922-927

Operating and Electrical

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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
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
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
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	60 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
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
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	No
929003085203	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	Only with specific dimmers

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

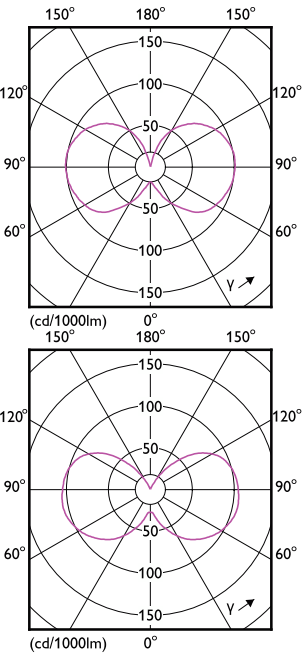
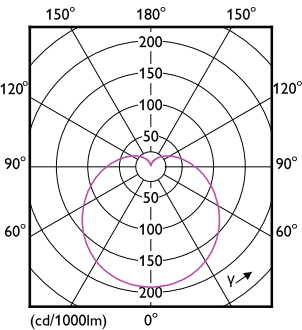
Mechanical and Housing

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

Order Code	Full Product Name	Bulb Finish
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

Order Code	Full Product Name	Ambient temperature range
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	-
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	-
929003085203	3.5G16.5/PER/UD/CL/G/E12WGD6/2PFT20	-20 °C to 40 °C
929003085103	3.5G16.5/PER/UD/CL/G/E26/WGD 6/2PF T20	-20 °C to 40 °C



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