



# Energy saving elegance in a verstile 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 consistancy 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
- $\cdot$  15,000-hour rated average life
- $\cdot$  Wet location

#### Application

- Chandeliers
- Margue lighting
- Restaurants

# Versions





LEDbulb G45 E27 FR P1

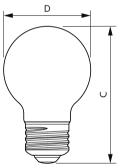
LEDbulb 3,5G16,5 PER UD CL G

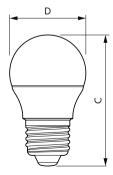
E26 WGD 6 2PF T20



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

# Dimensional drawing





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

Product	D	с
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

D

# Dimensional drawing



General Information	
Nominal lifetime	15,000 hour(s)
Light Technical	
LLMF At End Of Nominal Lifetime	70 %
(Nom)	
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**

			Rated					Rated	
		Cap-	Lifetime	Switching			Cap-	Lifetime	Switching
Order Code	Full Product Name	Base	(Hours)	Cycle	Order Code	Full Product Name	Base	(Hours)	Cycle
929002037241	LED 4W E27 3000K100-240V	E27	-	50,000	929003085203	3.5G16.5/PER/UD/CL/G/	E12	15,000	20,000
	G16.5 3PK THD					E12WGD6/2PFT20		hour(s)	
929002037341	LED 4W E27 6500K100-240V	E27	-	50,000	929003085103	3.5G16.5/PER/UD/CL/G/E26/WG	E26	15,000	20,000
	G16.5 3PK THD					D 6/2PF T20		hour(s)	

## Light Technical

			Correlated	Color					Correlated	Color	
		Beam	Color	rendering				Beam	Color	rendering	
		Angle	Temperature	index	Color			Angle	Temperature	index	Color
Order Code	Full Product Name	(Nom)	(Nom)	(CRI)	Code	Order Code	Full Product Name	(Nom)	(Nom)	(CRI)	Code
929002037241	LED 4W E27	150	3000 K	80	830	929003085203	3.5G16.5/PER/UD/CL	300	2200 K	95	922-927
	3000K100-240V	degree(s)					/G/	degree(s)			
	G16.5 3PK THD						E12WGD6/2PFT20				
929002037341	LED 4W E27	150	6500 K	80	865	929003085103	3.5G16.5/PER/UD/CL	300	2200 K	95	922-927
	6500K100-240V	degree(s)					/G/E26/WGD 6/2PF	degree(s)			
	G16.5 3PK THD						T20				

# **Operating and Electrical**

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

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

		Input	Line	Power
Order Code	Full Product Name	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

		T-Case Maximum
Order Code	Full Product Name	(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

		T-Case Maximum
Order Code	Full Product Name	(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

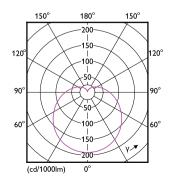
## Mechanical and Housing

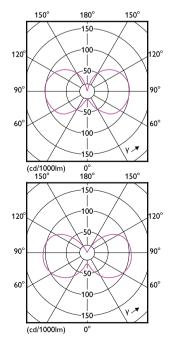
Order Code	Full Product Name	Bulb Finish
929002037241	LED 4W E27 3000K100-240V G16.5 3PK THD	Frosted
929002037341	LED 4W E27 6500K100-240V G16.5 3PK THD	Frosted

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

		Ambient temperature
Order Code	Full Product Name	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	-20 °C to 40 °C
	Т20	







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