



LED G16.5

4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT

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.

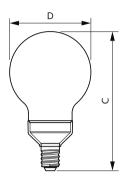
Product data

General Information	
Cap-Base	E12 [Candelabra Screw]
Nominal lifetime	15,000 hour(s)
Switching Cycle	20,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	827 [CCT of 2700K]
Luminous Flux	300 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	66.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	60 Hz
Input Frequency	60 Hz
Power Consumption	4.5 W
Lamp Current (Nom)	40 mA
Wattage Equivalent	40 W
Starting Time (Nom)	0.5 s

Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.7	
Voltage (Nom)	120 V	
Temperature		
T-Case Maximum (Nom)	65 °C	
Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Bulb Finish	Clear	
Bulb Shape	G16.5 [G16.5]	
Product Data		
Order product name	4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT	
Full product name	4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT	
Order code	929001843104	
Material Nr. (12NC)	929001843104	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677478759	
Numerator - Packs per outer box	6	
EAN/UPC - Case	50046677478754	

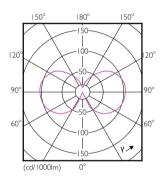
Datasheet, 2023, December 6 data subject to change

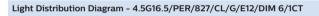
Dimensional drawing

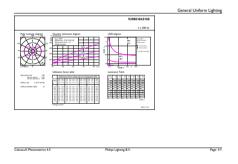


Product	D	С
4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT	35 mm	90 mm

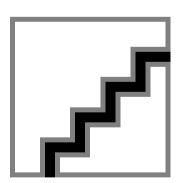
Photometric data







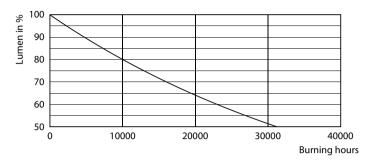
General uniform lighting - 4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT

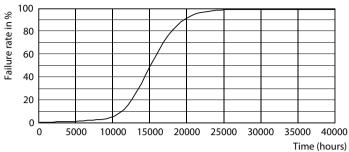


Spectral Power Distribution Colour - 4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT

LED G16.5

Lifetime





Lumen Maintenance Diagram - 4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT

Life Expectancy Diagram - 4.5G16.5/PER/827/CL/G/E12/DIM 6/1CT



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.