



LED Glass HID lamps

28GC/LED/840/ND E26 BB 6/1

Philips Glass HID lamps offer you an easy, short-payback LED solution to replace High Intensity Discharge (HID) lamps. Thanks to our High-Power LED filament technology, this new generation of indoor/outdoor glass lamps brings all the energy-efficiency and long-lifetime benefits of LED to HID replacement, while providing instant savings with a low initial investment. They are designed to have the same aesthetics, lamp size and light distribution as the HID lamps they are replacing, so the upgrade to LED is easier than ever!

Product data

General information			
Base	E26 [Single Contact Medium Screw]		
EU RoHS compliant	Yes		
Nominal Lifetime (Nom)	25000 h		
Switching Cycle	15000X		
Technical Type	LEDTECH-LOV		
Light technical			
Color Code	841 [CCT of 4100K (841)]		
Beam Angle (Nom)	300 °		
Initial lumen (Nom)	4000 lm		
Color Designation	Cool White (CW)		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	142.00 lm/W		
Color Consistency	<6		
Color Rendering Index (Nom)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and electrical			
Input Frequency	50 to 60 Hz		

Power (Rated) (Nom)	28 W	
Lamp Current (Nom)	248 mA	
Wattage Equivalent	125 W	
Starting Time (Nom)	0.5 s	
Warm Up Time to 60% Light (Nom)	0.5 s	
UL Type	HIB_UL Type B (UL Listed+Classified)	
Power Factor (Nom)	0.9	
Voltage (Nom)	120-277 V	
Temperature		
T-Case Maximum (Nom)	65.8 °C	
Controls and dimming		
Dimmable	No	
Mechanical and housing		
Bulb Finish	Frosted	
Bulb Material	Glass	
Bulb Shape	ED-23 1/2 [ED-23 1/2]	

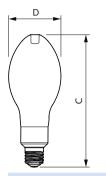
Datasheet, 2022, June 14 data subject to change

LED Glass HID lamps

Product data	
Order product name	28GC/LED/840/ND E26 BB 6/1
EAN/UPC - Product	046677578886
Order code	578880
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	6	
Material Nr. (12NC)	929003508104	
Net Weight (Piece)	0.136 kg	

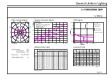
Dimensional drawing



28GC/LED/840/ND E26 BB 6/1

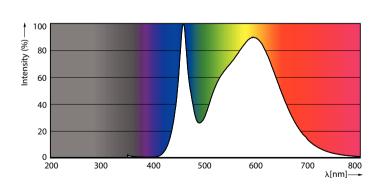
Product	D	С
28GC/LED/840/ND E26 BB 6/1	76 mm	196 mm

Photometric data

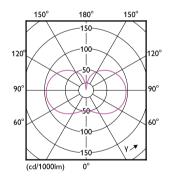




General uniform lighting



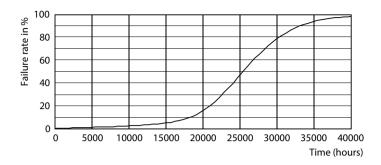
Spectral Power Distribution Colour

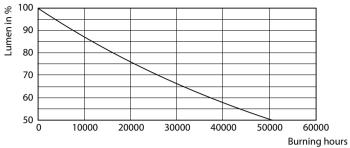


Light Distribution Diagram

LED Glass HID lamps

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



© 2022 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.