



# **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		
Cap-Base	E26 [Single Contact Medium Screw]	
Nominal lifetime	25,000 hour(s)	
Switching Cycle	15,000	
Lighting Technology	LED	
EU RoHS compliant	Yes	
Light Technical		
Color Code	840 [CCT of 4000K]	
Beam Angle (Nom)	300 degree(s)	
Luminous Flux	4,000 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 (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Operating and Electrical		
Line Frequency	50 to 60 Hz	

Input Frequency	50 to 60 Hz		
Power Consumption	28 W		
Lamp Current (Nom)	248 mA		
Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	0.5 s		
Power Factor (Fraction)	0.9		
Voltage (Nom)	120-277 V		
UL Type	HIB_UL Type B (UL Listed+Classified)		
Temperature			
Ambient temperature range	-4 °F to 113 °F		
T-Case Maximum (Nom)	135 °F		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb Finish	Frosted		
Bulb Material	Glass		

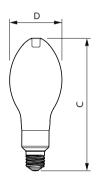
Datasheet, 2023, November 3 data subject to change

# **LED Glass HID lamps**

Bulb Shape	ED75 [ED 75mm]	
Application Conditions		
can it be used in closed luminaires	Yes	
Product Data		
Order product name	28GC/LED/840/ND E26 BB 6/1	
Full product name	28GC/LED/840/ND E26 BB 6/1	

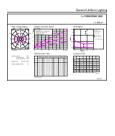
Order code	578880	
Material Nr. (12NC)	929003508104	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677578886	
Numerator - Packs per outer box	6	
EAN/UPC - Case	50046677578881	

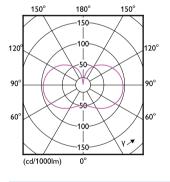
## Dimensional drawing



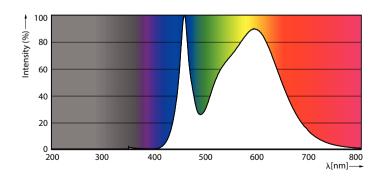
Product	D	С
28GC/LED/840/ND E26 BB 6/1	3 inch	7-3/4 inch

#### Photometric data





General uniform lighting - 28GC/LED/840/ND E26 BB 6/1

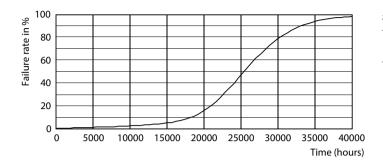


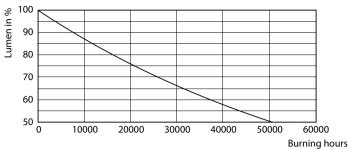
Spectral Power Distribution Colour - 28GC/LED/840/ND E26 BB 6/1

Light Distribution Diagram - 28GC/LED/840/ND E26 BB 6/1

## **LED Glass HID lamps**

### Lifetime





Life Expectancy Diagram - 28GC/LED/840/ND E26 BB 6/1

Lumen Maintenance Diagram - 28GC/LED/840/ND E26 BB 6/1



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