



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	15000
Tier	CorePro
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

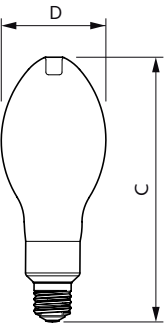
Power (Rated) (Nom)	28 W
Lamp Current (Nom)	248 mA
Wattage Equivalent	125 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	HIB_UL Type B (UL Listed+Classified)
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V
Temperature	
T-Ambient (Max)	113 °F
T-Ambient (Min)	-4 °F
T-Case Maximum (Nom)	135 °F
Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Glass

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Bulb Shape	ED-23 1/2 [ED-23 1/2]
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)	0.3 lb

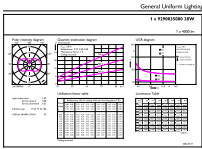
Dimensional drawing



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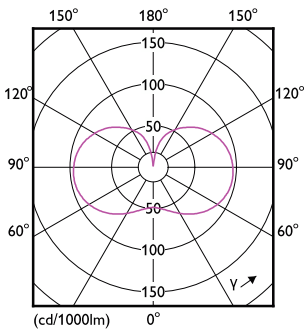
Product	D	C
28GC/LED/840/ND E26 BB 6/1	3 in	7-3/4 in

Photometric data

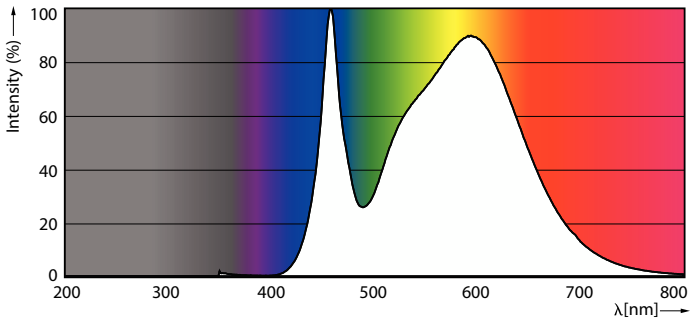


General uniform lighting

General uniform lighting



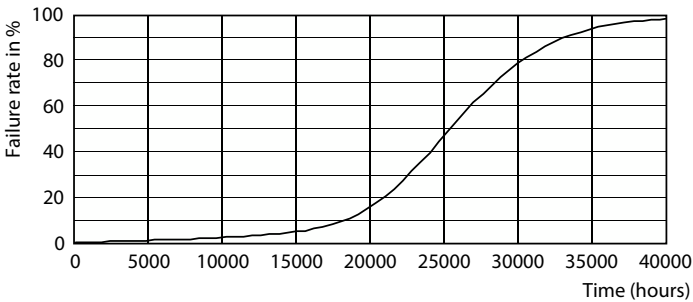
Light Distribution Diagram



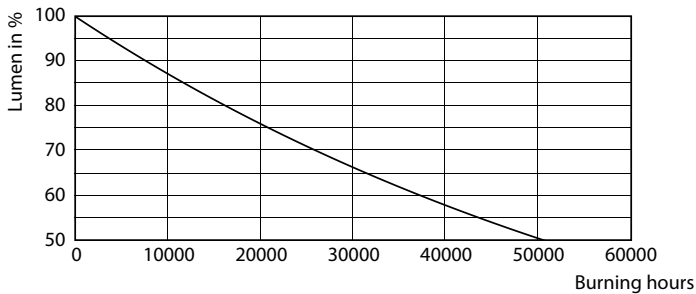
Spectral Power Distribution Colour

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Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

