



LED Glass HID lamps

28GC/LED/850/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	850 [CCT of 5000K]	
Beam Angle (Nom)	300 degree(s)	
Luminous Flux	4,000 lumen	
Color Designation	Daylight	
Correlated Color Temperature (Nom)	5000 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	
Wattage Equivalent	125 W	
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	

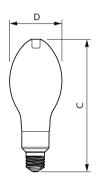
Datasheet, 2023, November 3 data subject to change

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Bulb Shape	ED75 [ED 75mm]
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	28GC/LED/850/ND E26 BB 6/1
Order code	578898

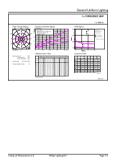
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929003508204
Full product name	28GC/LED/850/ND E26 BB 6/1
EAN/UPC - Case	50046677578898
EAN/UPC - Product/Case	046677578893

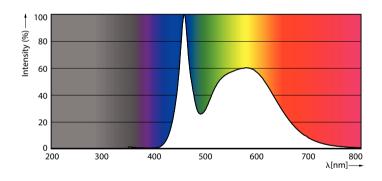
Dimensional drawing



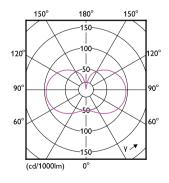
Product	D	С
28GC/LED/850/ND E26 BB 6/1	3 inch	7-3/4 inch

Photometric data





General uniform lighting - 28GC/LED/850/ND E26 BB 6/1

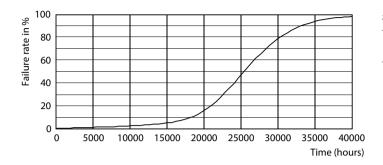


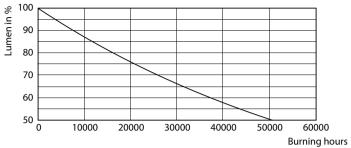
Light Distribution Diagram - 28GC/LED/850/ND E26 BB 6/1

Spectral Power Distribution Colour - 28GC/LED/850/ND E26 BB 6/1

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Lifetime





Life Expectancy Diagram - 28GC/LED/850/ND E26 BB 6/1

Lumen Maintenance Diagram - 28GC/LED/850/ND E26 BB 6/1



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