



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 lumen
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

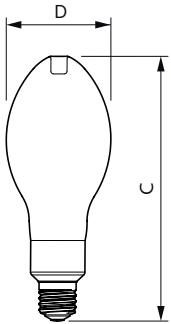
Input Frequency	50 to 60 Hz
Power Consumption	28 W
Lamp Current (Nom)	248 mA
Wattage Equivalent	125 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	HIB_UL Type B (UL Listed+Classified)
Temperature	
Ambient temperature range	-4 °F to 113 °F
T-Case Maximum (Nom)	135 °F
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass

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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/840/ND E26 BB 6/1
Order code	578880

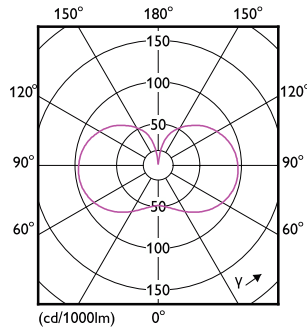
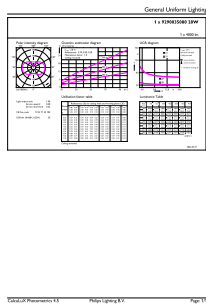
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929003508104
Full product name	28GC/LED/840/ND E26 BB 6/1
EAN/UPC - Case	50046677578881
EAN/UPC - Product/Case	046677578886

Dimensional drawing



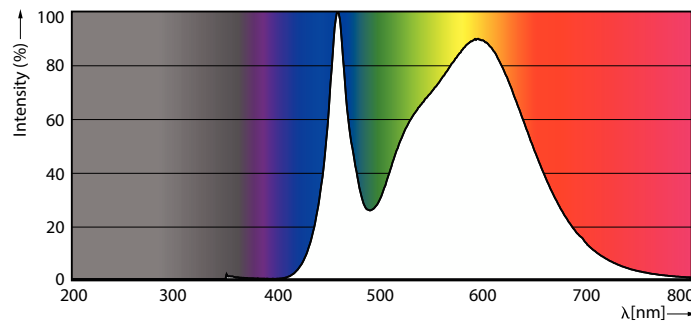
Product	D	C
28GC/LED/840/ND E26 BB 6/1	3 inch	7-3/4 inch

Photometric data



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

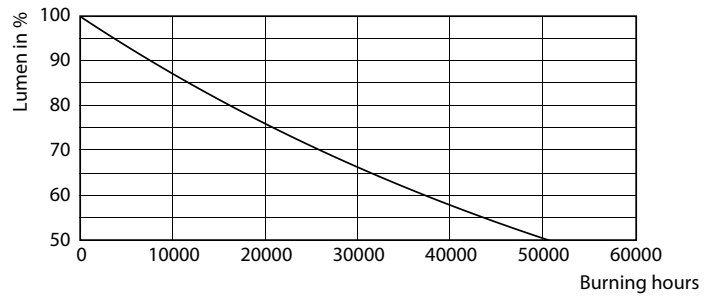
Light Distribution Diagram - 28GC/LED/840/ND E26 BB 6/1



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

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Lifetime



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

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

