



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

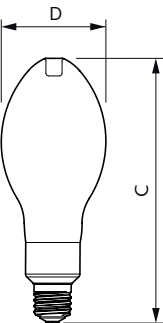
General Information		Input Frequency	
Cap-Base	E26 [Single Contact Medium Screw]	Power Consumption	28 W
Nominal lifetime	25,000 hour(s)	Lamp Current (Nom)	248 mA
Switching Cycle	15,000	Wattage Equivalent	125 W
Lighting Technology	LED	Starting Time (Nom)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	0.5 s
Light Technical		Power Factor (Fraction)	0.9
Color Code	850 [CCT of 5000K]	Voltage (Nom)	120-277 V
Beam Angle (Nom)	300 degree(s)	UL Type	HIB_UL Type B (UL Listed+Classified)
Luminous Flux	4,000 lumen	Temperature	
Color Designation	Daylight	Ambient temperature range	-4 °F to 113 °F
Correlated Color Temperature (Nom)	5000 K	T-Case Maximum (Nom)	135 °F
Luminous Efficacy (rated) (Nom)	142.00 lm/W	Controls and Dimming	
Color Consistency	<6	Dimmable	No
Color rendering index (CRI)	80	Mechanical and Housing	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Finish	Frosted
Operating and Electrical		Bulb Material	Glass
Line Frequency	50 to 60 Hz		

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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

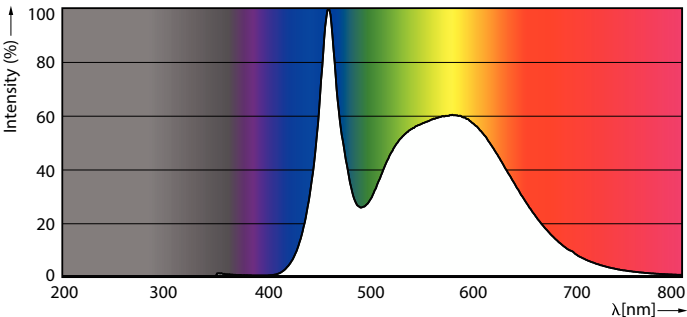
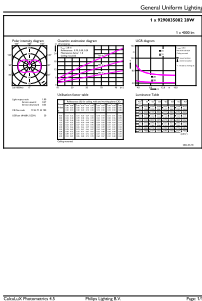
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929003508204
Full product name	28GC/LED/850/ND E26 BB 6/1
EAN/UPC - Case	50046677578898
EAN/UPC - Product/Case	046677578893

Dimensional drawing



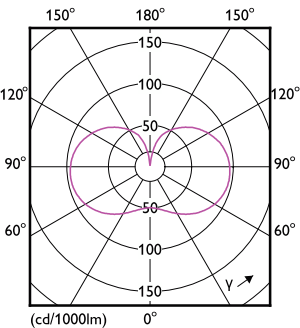
Product	D	C
28GC/LED/850/ND E26 BB 6/1	3 inch	7-3/4 inch

Photometric data



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

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



Light Distribution Diagram - 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

