



# 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

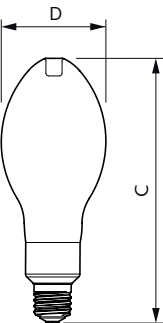
General Information		Input Frequency	
Cap-Base	E26 [Single Contact Medium Screw]	Power Consumption	28 W
Nominal lifetime	25,000 hour(s)	Lamp Current (Nom)	248 mA
Switching Cycle	15,000	Starting Time (Nom)	0.5 s
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
EU RoHS compliant	Yes	Power Factor (Fraction)	0.9
Light Technical		Voltage (Nom)	120-277 V
Color Code	840 [CCT of 4000K]	UL Type	HIB_UL Type B (UL Listed+Classified)
Beam Angle (Nom)	300 degree(s)	Temperature	
Luminous Flux	4,000 lm	Ambient temperature range	-20 °C to 45 °C
Color Designation	Cool White (CW)	T-Case Maximum (Nom)	57.3 °C
Correlated Color Temperature (Nom)	4000 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	142.00 lm/W	Dimmable	No
Color Consistency	<6	Mechanical and Housing	
Color rendering index (CRI)	80	Bulb Finish	Frosted
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Material	Glass
Operating and Electrical			
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/840/ND E26 BB 6/1
Full product name	28GC/LED/840/ND E26 BB 6/1

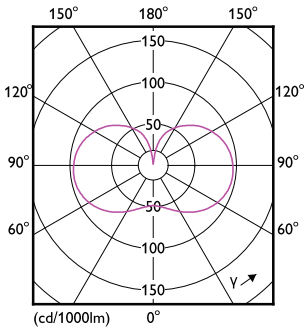
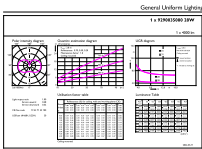
Order code	929003508104
Material Nr. (12NC)	929003508104
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677578886
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677578881

## Dimensional drawing



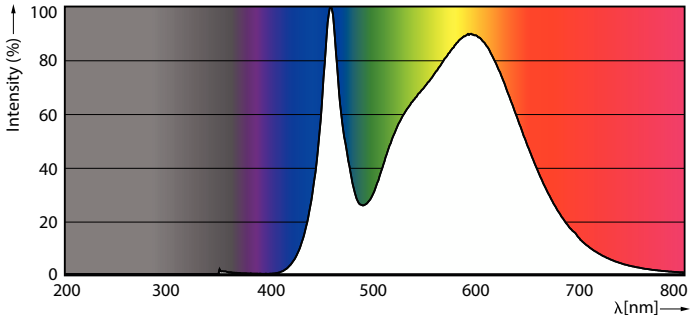
Product	D	C
28GC/LED/840/ND E26 BB 6/1	76 mm	196 mm

## 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

