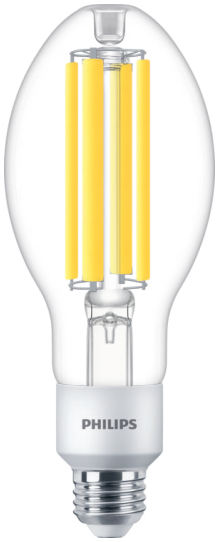


LED Glass HID lamps

25GC/LED/830/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	50,000
Lighting Technology	LED

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	3,600 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	144 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	25 W
Lamp Current (Max)	200 mA
Lamp Current (Min)	96 mA
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	
T-Case Maximum (Nom)	117 °F

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	ED-23 1/2
Net Weight (Piece)	0.331 lb

LED Glass HID lamps

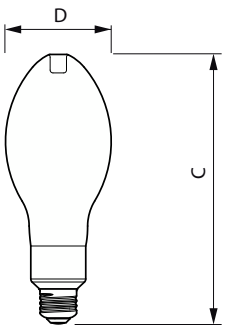
Approval and Application	
EU RoHS compliant	Yes
Ambient temperature range	-4 to +113 °F

Application Conditions	
can it be used in closed luminaires	Yes

Product Data	
Order product name	25GC/LED/830/ND E26 BB 6/1

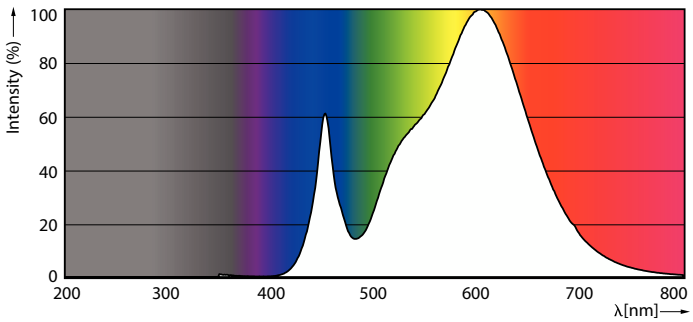
Full product name	25GC/LED/830/ND E26 BB 6/1
Order code	588160
Material Nr. (12NC)	929003772704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677588168
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677588163

Dimensional drawing

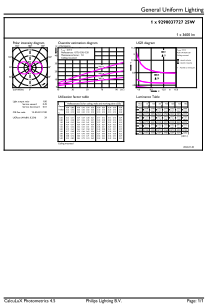


Product	D	C
25GC/LED/830/ND E26 BB 6/1	3 inch	7-3/4 inch

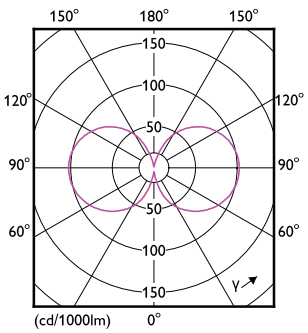
Photometric data



Spectral Power Distribution Colour - 25GC/LED/830/ND E26 BB 6/1



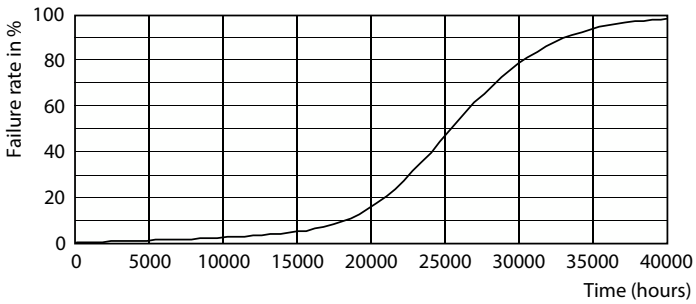
General uniform lighting - 25GC/LED/830/ND E26 BB 6/1



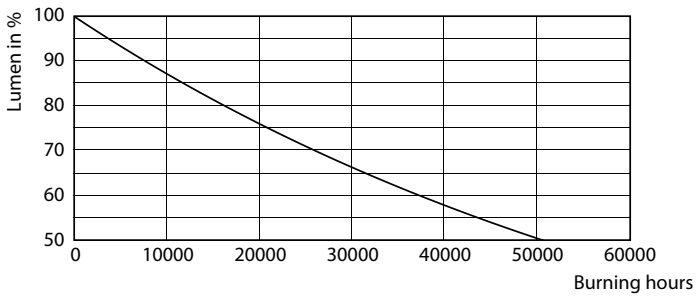
Light Distribution Diagram - 25GC/LED/830/ND E26 BB 6/1

LED Glass HID lamps

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 25GC/LED/830/ND E26 BB 6/1

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