



LED Glass HID lamps

25GC/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	50,000
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 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	160 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

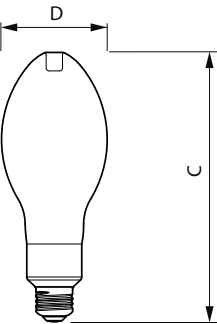
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	25 W
Lamp Current (Max)	200 A
Lamp Current (Min)	96 A
Lamp Current (Nom)	120 277 mA A
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	HIB_UL Type B (UL Listed+Classified)
Temperature	
Ambient temperature range	-20 to +45 °C
T-Case Maximum (Nom)	47.1 °C
Controls and Dimming	
Dimmable	No

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Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	ED-23 1/2
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	25GC/LED/850/ND E26 BB 6/1

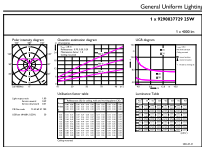
Full product name	25GC/LED/850/ND E26 BB 6/1
Order code	929003772904
Material Nr. (12NC)	929003772904
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677588182
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677588187

Dimensional drawing

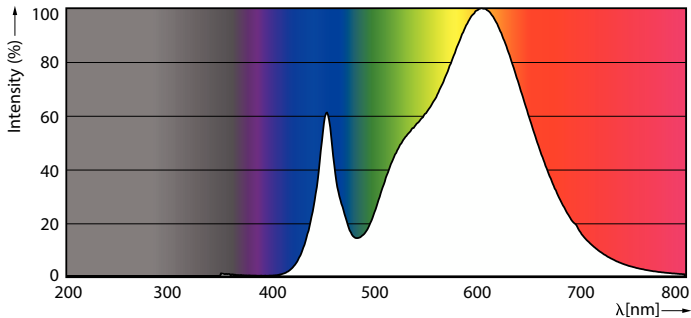


Product	D	C
25GC/LED/850/ND E26 BB 6/1	76 mm	196 mm

Photometric data

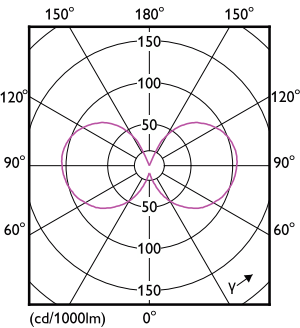


Technical Parameters 13 Photometry 14 Page 107



General uniform lighting - 25GC/LED/850/ND E26 BB 6/1

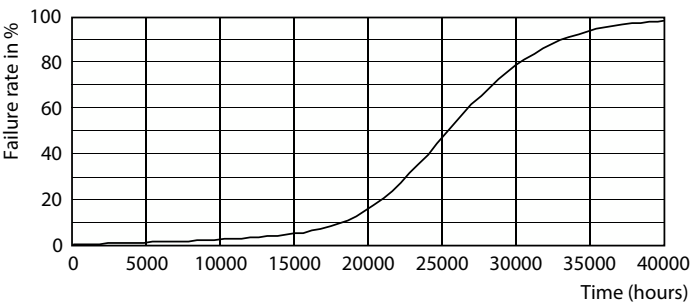
Spectral Power Distribution Colour - 25GC/LED/850/ND E26 BB 6/1



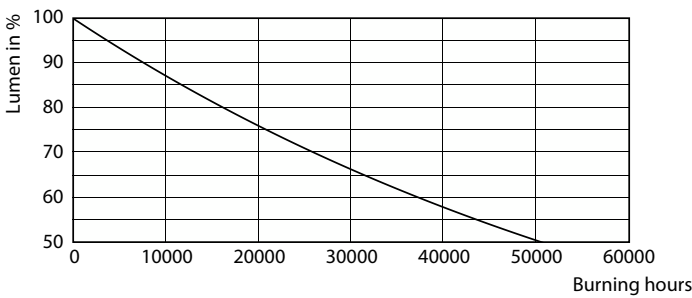
Light Distribution Diagram - 25GC/LED/850/ND E26 BB 6/1

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Lifetime



Life Expectancy Diagram - 25GC/LED/850/ND E26 BB 6/1



Lumen Maintenance Diagram - 25GC/LED/850/ND E26 BB 6/1

