PHILIPS

Lighting



LED Glass HID lamps

38GC/LED/850/ND EX39 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	EX39 [Exclusionary Mogul Screw]
Nominal lifetime	25,000 hour(s)
Switching Cycle	15,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	6,000 lumen
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	157.00 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	38 W
Lamp Current (Nom)	330 mA
Wattage Equivalent	175 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

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	152 °F

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass

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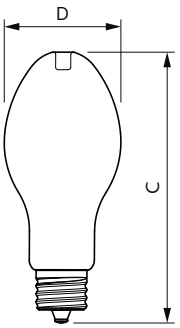
Bulb Shape	ED90 [ED 90mm]

Material Nr. (12NC)	929003508804
Full product name	38GC/LED/850/ND EX39 BB 6/1
EAN/UPC - Case	50046677578966
EAN/UPC - Product/Case	046677578961

Product Data

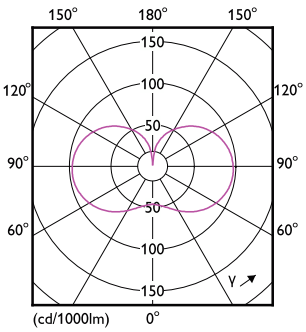
Order product name	38GC/LED/850/ND EX39 BB 6/1
Order code	578962
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6

Dimensional drawing

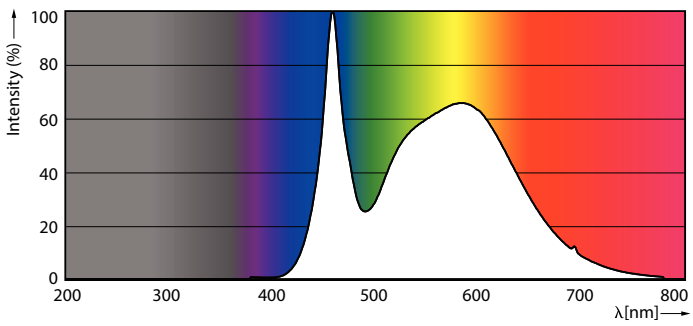


Product	D	C
38GC/LED/850/ND EX39 BB 6/1	3-5/8 inch	8-5/8 inch

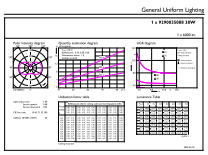
Photometric data



Light Distribution Diagram - 38GC/LED/850/ND EX39 BB 6/1



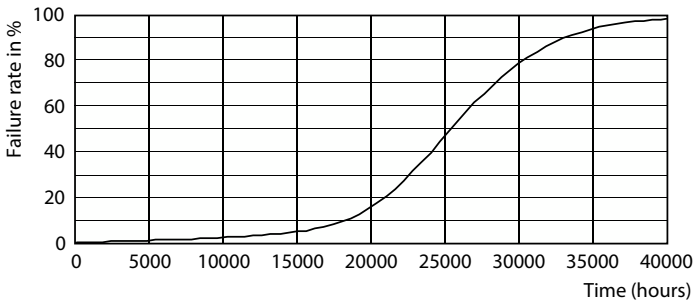
Spectral Power Distribution Colour - 38GC/LED/850/ND EX39 BB 6/1



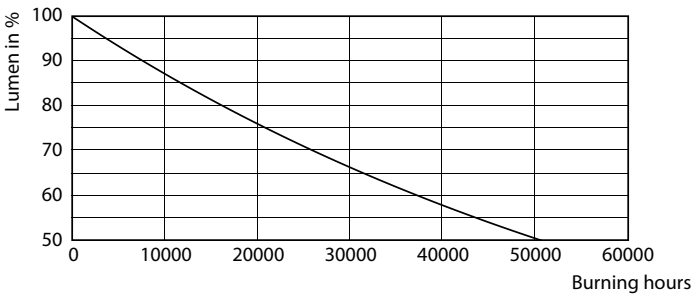
General uniform lighting - 38GC/LED/850/ND EX39 BB 6/1

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Lifetime



Life Expectancy Diagram - 38GC/LED/850/ND EX39 BB 6/1



Lumen Maintenance Diagram - 38GC/LED/850/ND EX39 BB 6/1

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