PHILIPS Lighting



LED Glass HID lamps

38GC/LED/840/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	
Light Technical		
Color Code	840 [CCT of 4000K]	
Beam Angle (Nom)	300 degree(s)	
Luminous Flux	6,000 lm	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 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	

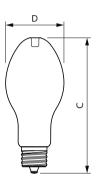
Power Consumption	38 W
Lamp Current (Nom)	330 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	HIB_UL Type B (UL Listed+Classified)
Temperature	
T-Case Maximum (Nom)	66.7 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Bulb Shape	ED90
Net Weight (Piece)	0.220 kg

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Approval and Application	
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	38GC/LED/840/ND EX39 BB 6/1

Full product name	38GC/LED/840/ND EX39 BB 6/1	
Order code	929003508704	
Material Nr. (12NC)	929003508704	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677578954	
Numerator - Packs per outer box	6	
EAN/UPC - Case	50046677578959	

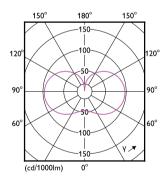
Dimensional drawing



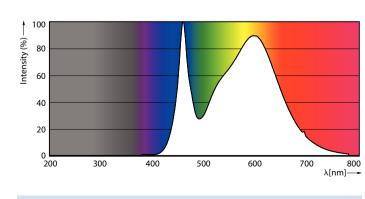
Product	D	с
38GC/LED/840/ND EX39 BB 6/1	91.5 mm	218 mm

Photometric data

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Light Distribution Diagram - 38GC/LED/840/ND EX39 BB 6/1

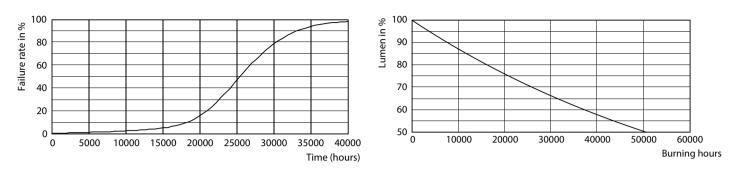


Spectral Power Distribution Colour - 38GC/LED/840/ND EX39 BB 6/1

General uniform lighting - 38GC/LED/840/ND EX39 BB 6/1

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Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - 38GC/LED/840/ND EX39 BB 6/1



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