



LED Glass HID lamps

45GC/LED/850 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	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	7,500 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	166 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

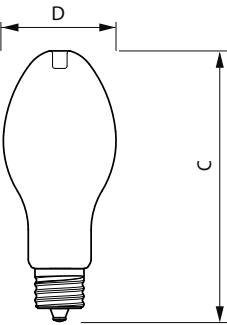
Power Consumption	45 W
Lamp Current (Max)	600 A
Lamp Current (Nom)	120 277 mA A
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	HIB_UL Type B (UL Listed+Classified)
Temperature	
T-Case Maximum (Nom)	133 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	ED28
Net Weight (Piece)	0.573 lb

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Approval and Application	
Approval Marks	DLC compliance
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	45GC/LED/850 EX39 BB 6/1

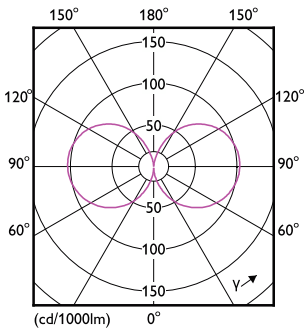
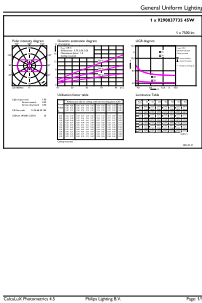
Full product name	45GC/LED/850 EX39 BB 6/1
Order code	588244
Material Nr. (12NC)	929003773504
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677588243
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677588248

Dimensional drawing



Product	D	C
45GC/LED/850 EX39 BB 6/1	3-5/8 inch	9-9/16 inch

Photometric data

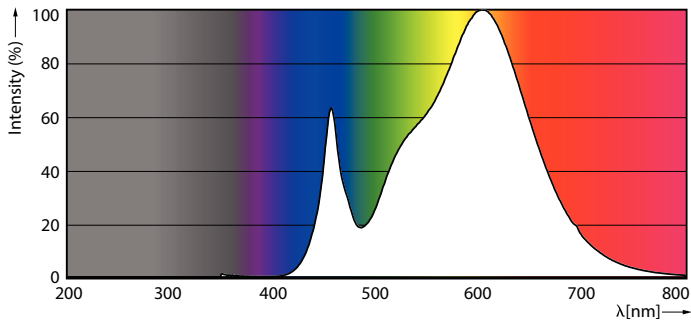


General uniform lighting - 45GC/LED/850 EX39 BB 6/1

Light Distribution Diagram - 45GC/LED/850 EX39 BB 6/1

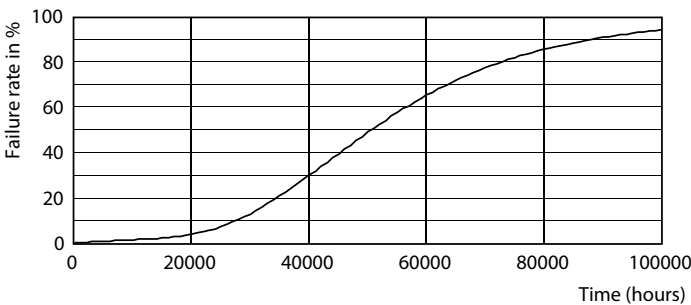
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Photometric data

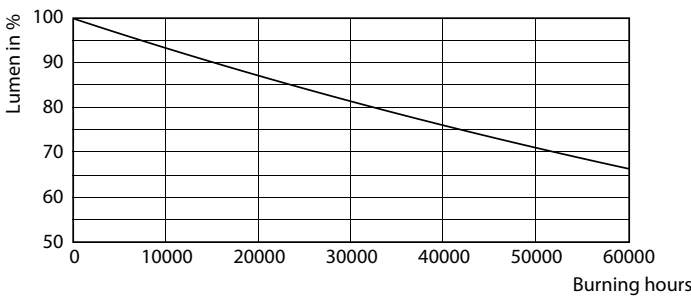


Spectral Power Distribution Colour - 45GC/LED/850 EX39 BB 6/1

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 45GC/LED/850 EX39 BB 6/1

