



LED Glass HID lamps

45GC/LED/830 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

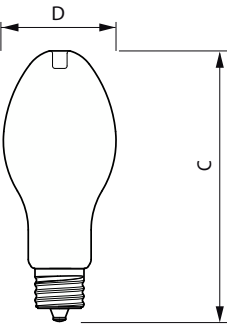
General Information			
Cap-Base	EX39 [Exclusionary Mogul Screw]	Power Consumption	45 W
Nominal lifetime	50,000 hour(s)	Lamp Current (Max)	600 A
Switching Cycle	50,000	Lamp Current (Nom)	120 277 mA A
Lighting Technology	LED	Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
Light Technical		Voltage (Nom)	120-277 V
Color Code	830 [CCT of 3000K]	UL Type	HIB_UL Type B (UL Listed+Classified)
Beam Angle (Nom)	300 degree(s)		
Luminous Flux	6,800 lm	Temperature	
Color Designation	White (WH)	T-Case Maximum (Nom)	133 °F
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	151 lm/W	Controls and Dimming	
Color Consistency	<6	Dimmable	Only with specific dimmers
Color rendering index (CRI)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %	Mechanical and Housing	
Photobiological safety according to EN 62471	RG1	Bulb Finish	Clear
		Bulb Shape	ED28
Operating and Electrical		Net Weight (Piece)	0.573 lb
Input Frequency	50 to 60 Hz		

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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/830 EX39 BB 6/1

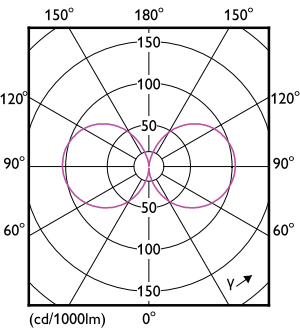
Full product name	45GC/LED/830 EX39 BB 6/1
Order code	588228
Material Nr. (12NC)	929003773304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677588229
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677588224

Dimensional drawing

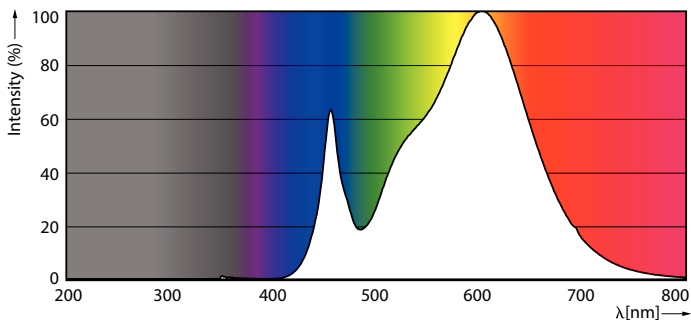


Product	D	C
45GC/LED/830 EX39 BB 6/1	3-5/8 inch	9-9/16 inch

Photometric data



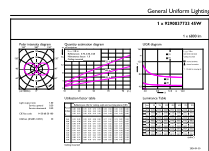
Light Distribution Diagram - 45GC/LED/830 EX39 BB 6/1



Spectral Power Distribution Colour - 45GC/LED/830 EX39 BB 6/1

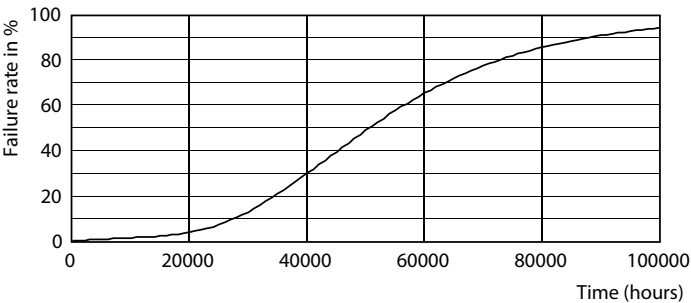
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Photometric data

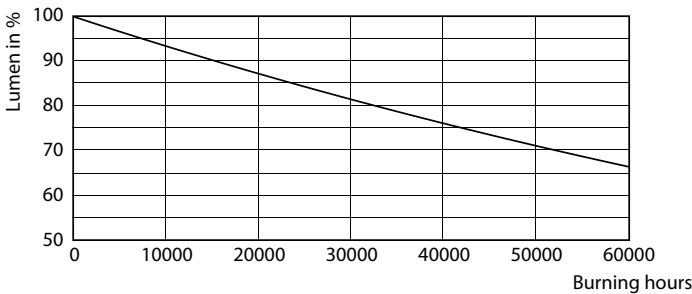


General uniform lighting - 45GC/LED/830 EX39 BB 6/1

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 45GC/LED/830 EX39 BB 6/1

