

LED Glass HID lamps

54GC/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

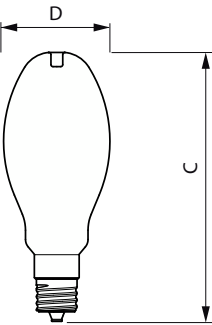
General Information		Power Consumption	
Cap-Base	EX39 [Exclusionary Mogul Screw]	54 W	
Nominal lifetime	50,000 hour(s)	Lamp Current (Max)	
Switching Cycle	50,000	620 A	
Lighting Technology	LED	Lamp Current (Nom)	
Light Technical		120 277 mA A	
Color Code	830 [CCT of 3000K]	Starting Time (Nom)	
Beam Angle (Nom)	300 degree(s)	0.5 s	
Luminous Flux	9,000 lm	Warm-up time to 60% light	
Color Designation	White (WH)	0.5 s	
Correlated Color Temperature (Nom)	3000 K	Power Factor (Fraction)	
Luminous Efficacy (rated) (Nom)	166 lm/W	0.9	
Color Consistency	<6	Voltage (Nom)	
Color rendering index (CRI)	80	120-277 V	
LLMF At End Of Nominal Lifetime (Nom)	70 %	UL Type	
Photobiological safety according to EN 62471	RG1	HIB_UL Type B (UL Listed+Classified)	
Operating and Electrical		Temperature	
Input Frequency	50 to 60 Hz	T-Case Maximum (Nom)	
		115 °F	
		Controls and Dimming	
		Dimmable	
		Only with specific dimmers	
		Mechanical and Housing	
		Bulb Finish	
		Clear	
		Bulb Shape	
		ED32	
		Net Weight (Piece)	
		0.639 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	54GC/LED/830 EX39 BB 6/1

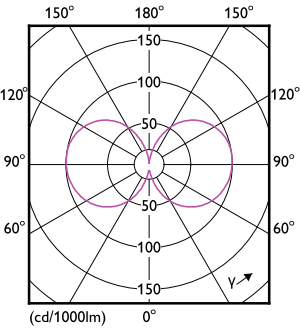
Full product name	54GC/LED/830 EX39 BB 6/1
Order code	588251
Material Nr. (12NC)	929003773604
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677588250
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677588255

Dimensional drawing

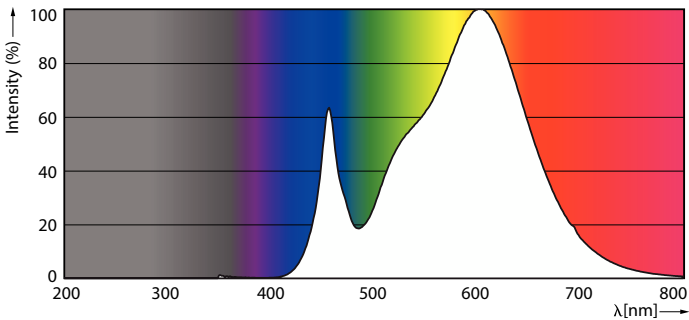


Product	D	C
54GC/LED/830 EX39 BB 6/1	4-1/8 inch	9-9/16 inch

Photometric data



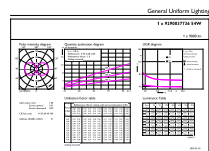
Light Distribution Diagram - 54GC/LED/830 EX39 BB 6/1



Spectral Power Distribution Colour - 54GC/LED/830 EX39 BB 6/1

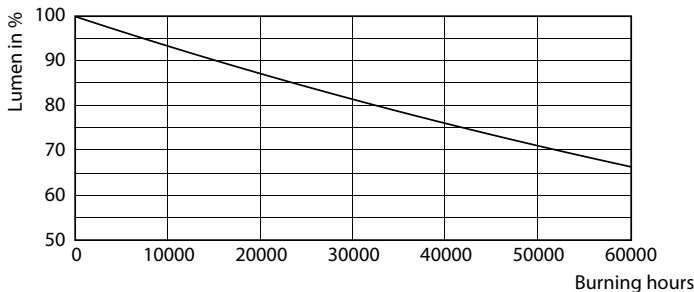
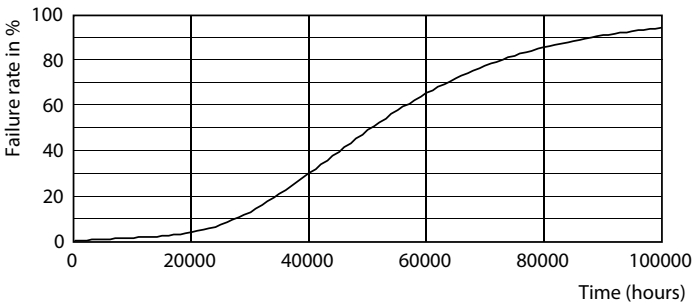
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Photometric data



General uniform lighting - 54GC/LED/830 EX39 BB 6/1

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - 54GC/LED/830 EX39 BB 6/1

