

LED Glass HID lamps

54GC/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

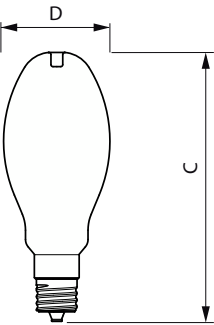
General Information		Power Consumption	
Cap-Base	EX39 [Exclusionary Mogul Screw]	54 W	
Nominal lifetime	50,000 hour(s)	Lamp Current (Max)	
Switching Cycle	50,000	620 A	
Lighting Technology	LED	Lamp Current (Nom)	
Light Technical		120 277 mA A	
Color Code	850 [CCT of 5000K]	Starting Time (Nom)	
Beam Angle (Nom)	300 degree(s)	0.5 s	
Luminous Flux	10,000 lm	Warm-up time to 60% light	
Color Designation	Daylight	0.5 s	
Correlated Color Temperature (Nom)	5000 K	Power Factor (Fraction)	
Luminous Efficacy (rated) (Nom)	185 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/850 EX39 BB 6/1

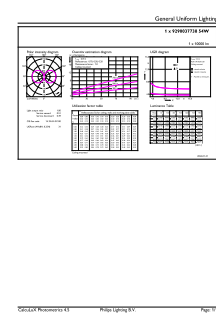
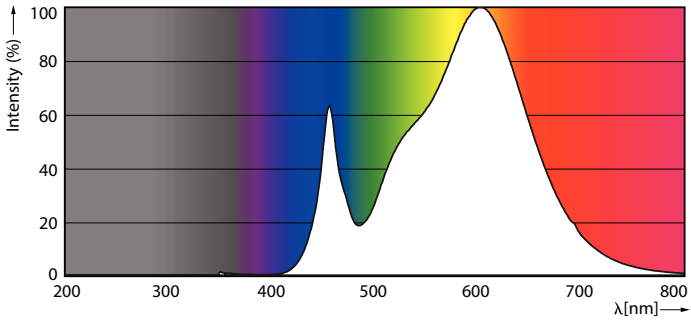
Full product name	54GC/LED/850 EX39 BB 6/1
Order code	588277
Material Nr. (12NC)	929003773804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677588274
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677588279

Dimensional drawing



Product	D	C
54GC/LED/850 EX39 BB 6/1	4-1/8 inch	9-9/16 inch

Photometric data

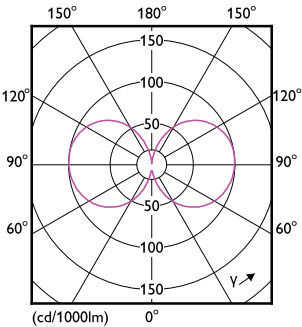


Spectral Power Distribution Colour - 54GC/LED/850 EX39 BB 6/1

General uniform lighting - 54GC/LED/850 EX39 BB 6/1

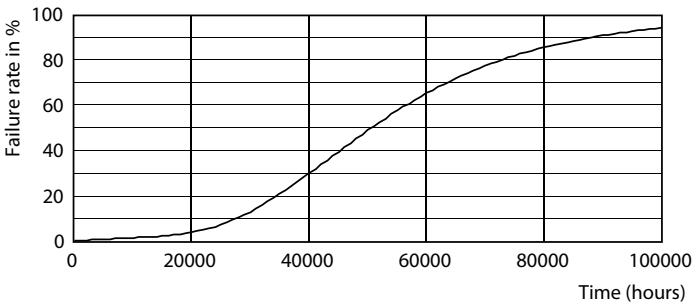
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Photometric data

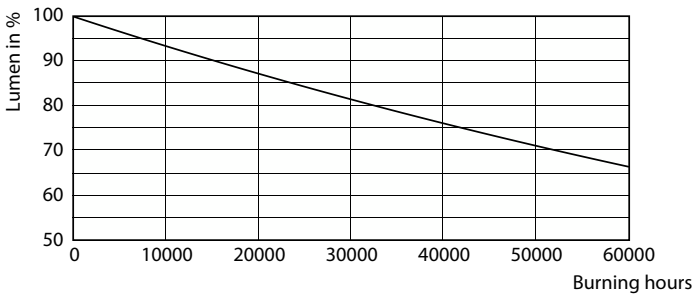


Light Distribution Diagram - 54GC/LED/850 EX39 BB 6/1

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 54GC/LED/850 EX39 BB 6/1

