



# **LED Glass HID lamps**

# 34GC/LED/840 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	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)	176 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	34 W	
Lamp Current (Max)	352 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)	0.43 lb	

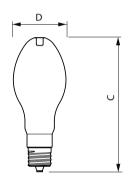
Datasheet, 2024, March 7 data subject to change

## **LED Glass HID lamps**

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	34GC/LED/840 EX39 BB 6/1

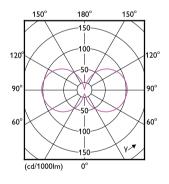
Full product name	34GC/LED/840 EX39 BB 6/1	
Order code	588202	
Material Nr. (12NC)	929003773104	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	046677588205	
Numerator - Packs per outer box	6	
EAN/UPC - Case	50046677588200	

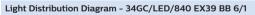
## Dimensional drawing

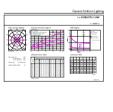


Product	D	С
34GC/LED/840 EX39 BB 6/1	3-5/8 inch	8-1/2 inch

### Photometric data





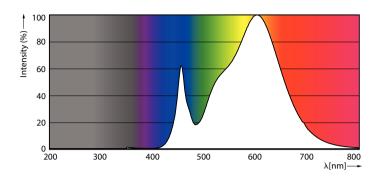


Circulal Reservoirs 43 Philips Lighting 6.V. Page: IIT

General uniform lighting - 34GC/LED/840 EX39 BB 6/1

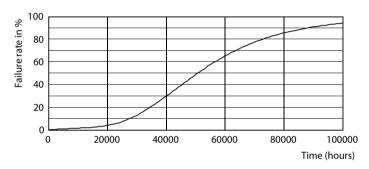
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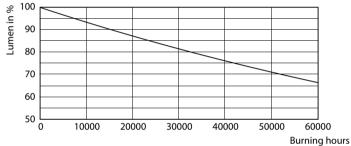
#### Photometric data



Spectral Power Distribution Colour - 34GC/LED/840 EX39 BB 6/1

#### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - 34GC/LED/840 EX39 BB 6/1



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