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Leishu Lighting Technology(Shanghai) Co., Ltd
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Model:

LS-BG50C/LS-BG80C/LS-BG100C
LS-PG150C/LS-PG200C/LS-PG240C
LS-CG150CM/LS-CG200CM/LS-CG240CM

Driver Info		LED Info	
Type:	Constant Current	Watts:	50-240W
120V:	A	Color Temp:	6000K (Cool)
208V:	A	Color Accuracy:	75 CRI
240V:	A	L70 Lifespan:	100000
277V:	A Input	Lumens:	6,500-27,500
Watts:	50-240 W	Efficiency:	84 LPW
Efficiency:	85%		



100W LED high bay fixture with over 10,000 lumens. Reduces energy consumption by up to 70%. Ideal for large spaces, including warehouses, gymnasiums, and distribution centers.

Technical Specifications

Listings

UL Listing:

Suitable for damp locations with cord and hook.
Suitable for wet locations with pendant stem.

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an Independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: APPLY

LED Characteristics

LEDs:

Multi-chip, high-output, long-life LEDs

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Color Consistency:

Original Aluminum Color

Color Stability:

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

Electrical

Drivers:

Constant Current, 2800mA, Class 2 with 6 kV surge protection, 100-277VAC, 50/60 Hz

Power Factor:

99.5% at 120V, 91.1% at 277V

THD:

8.2% at 120V, 11.3% at 277V

Construction

Ambient Temperature:

Suitable for use in 131° F(55°C)

Thermal Management:

Superior heat sinking with external Air-Flow fins

Housing:

Extrusion aluminum housing and door frame with 3-foot 600V power core

Mounting:

Heavy-duty hook and 3-foot safety chain; is also 3/4" pendant mount-capable (pendant by others).

Recommended Mounting Height:

LS-BG100CM: 30 ft (10meter).

LS-CG150CM: 45 ft (15meter).

LS-CG200CM: 60 ft (18meter).

LS-CG240CM: 65 ft (20meter).

Lens:

Tempered glass

Reflector:

Specular vacuum metallized aluminum

Gaskets:

High-temperature silicone

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

Green Technology:

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Other

Equivalency:

LS-BG100CM replaces 250W Watt metal halide.

LS-CG150CM replaces 400W Watt metal halide.

LS-CG200CM replaces 600W Watt metal halide.

LS-CG240CM replaces 1000W Watt metal halide.

