

LS-PGY200C 200W LED HIGH BAY



200W LED high bay fixture with over 28,000 lumens. Reduces energy consumption by up to 70%. Ideal for large spaces, including warehouses, gymnasiums, and distribution centers.

Color: White

Technical Specifications

Listings

3C Listing:

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

IESNA LM-79 & LM-80 Testing:

RAB LED luminaries 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.

LED Characteristics

LEDs:

LUMILUEDS 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 warrantied to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:

RAYSHOW's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

Electrical

Weight: 6kgs

Drivers:

INVERTRONICS, Constant Current, 700mA, 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 55°C (131°F)

Thermal Management:

Superior heat sinking with external Air-Flow fins

Housing:

Extrusion aluminum housing and door frame with 3foot 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:

30 ft (10meter).

Project: Type: Prepared By: Date:

/				
Driver Info)	LED Info		
Type:	Constant Current	Watts:	200W	
120V:	A	Color Temp:	6000K (Cool)	
208V:	A	Color Accuracy:	80 CRI	
240V:	A	L70 Lifespan:	100000	
277V:	A Input	Lumens:	28,000	
Watts:	200W	Efficacy:	* LPW	
Efficiency:	93%			

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-PGY200C replaces 600W Watt metal halide.

Others:

Any additional component requirements will be listed under technical specifications on the product page.

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Ordering Matrix

Watts Color Temp Finish Dimming Driver Family LED HIGH BAY PGY = CHIP LUMILEDS/ HIGH BAY **200** = 200W = 6000K (Cool) W = White = No Dimming A = MEANWELL B = OTHER C = INVERTRONICS /D10 = Dimmable Y = 3000K (Warm) N = 4000K (Neutral) /PWM = Dimmable D = PHILIPS

Features

others

additional protection 100,000 hour lifespan

5-year no compromise warranty

High output, high efficiency LED high bay

Poly-shield and wire guard accessories available for

Bi-level and dimming models available when installed with pendant by