

FHBG Fluorescent High Bay G

Specification-Grade Wide Housing, Wide Beam Enclosed And Gasketed Luminaire (IP64)

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Application Features

pecification-grade high or low bay IP64 fluorescent luminaire. or use with indoor applications where high-efficiency, higherformance and moisture and dust resistance is required. This uminaire's wide body and wide beam light distribution with a losed cell neoprene gasket makes it ideal as an HID alternative in damp and dusty environments.



Specifications

Optical System

CNC brake-formed, multi-faceted optimized reflector is available in a variety of finishes, materials and configurations. Specular aluminum reflector with a minimum reflectance of 95% is standard. The protective layer provided is to be removed during installation which ensures a clean, blemish-free reflective surface. Optional clear polycarbonate lens is available.

Mounting

Designed for suspended mounting.

Construction

CNC brake-formed, code gauge steel housing and ends. Return lip on housing and welded end plates provides exceptional rigidity. Clear high-impact formed acrylic lens and door frame is securely retained by a 48 inch piano hinge for added rigidity. Closed cell neoprene gasket provides a seal between door frame assembly and housing.

Finish

White, polyester powder painted housing.

Electrical

Rotary lampholders ensure positive lamp retention. Sufficient knockouts are provided for connections and through wiring.

Approvals

Approved to CSA and UL standards.

Features

- IP64 Ingress Protection Rating
- Up to 50% energy savings compared to equivalent metal halide luminaire
- Welded steel housing with a highreflectance powder coated housing
- One-piece, heavy-gauge piano hinged door frame with two positive action stainless steel cam latches
- Clear, heavy-gauge smooth acrylic diffuser
- Available with 4, 5, 6, 8 or 9 lamps
- Available in T5 and T8 configurations

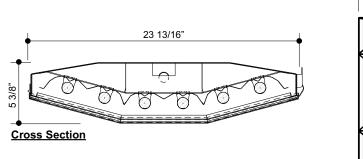
Options & Adders

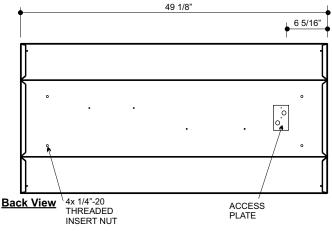
- 92% high-performance white aluminum reflector available
- Multi-level switching
- Dimmable and Emergency ballast
- Radio interference filter (120V 277V)
- Framed optically clear polycarbonate lens

Applications

- Damp and Dusty Environments
- Garage and Workshops
- Gymnasiums
- Manufacturing and Warehouse Areas

Dimensions





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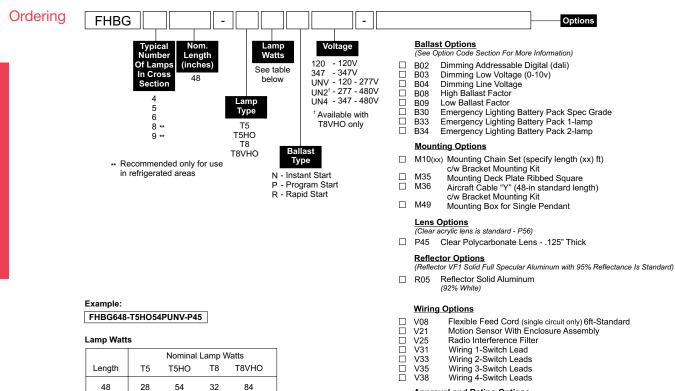
Specification-Grade Wide Body, Wide Beam Enclosed And Gasketed Luminaire (IP64)

Photometrics - FHBG648-T832N120-B08B59VF1 - Efficiency 72.3%

Candle Distribution	Luminance Summary-CD. / SQ. M.			
ACROSS 45 ALONG	ANGLE	ALONG	45	
	45	6389	6177	
	55	5541	5649	
	65	4263	5109	
3352	75	2325	4018	
4442	85	94	3144	

Other options may be available consult factory. Specifications and data subject to change without notice.

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Candle Power Summary							
ACROSS		ZONE	LUMENS	% LAMP	% LUMINAIRE		
	0 - 30	3744	21.16	29.24			
6326		0 - 40	6042	34.14	47.18		
6080		0 - 60	10339	58.42	80.74		
0000		0 - 90	127961	72.30	99.93		
5838		40 - 90	6754	38.16	52.75		
5110		60 - 90	2457	13.88	19.19		
0110		90 - 180	9	0.05	0.07		
4930		0 - 180	12805	72.34	100.00		



Approval and Rating Options

Dual CSA/USA Market □ X7

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