

FHBF Fluorescent High Bay F

Specification-Grade Narrow Housing, Narrow Beam Welded Luminaire

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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. Prismatic and optically clear lens is available.

Mounting

Optional mounting bracket must be used with stem mounting. Knockout is provided for single stem mounting (1/2" trade or 3/4" rigid pipe). Designed for suspended or chain mounting. Optional stem and canopy sets are available in multiples of six inches. Optional pendant mounting bracket available.

Construction

CNC brake-formed, code gauge steel housing and ends. Return lip on housing and welded end plates provides exceptional rigidity. Optional wireguard and lens are securely retained by a rigid door frame assembly. The optional welded wireguard is recommended for gymnasium applications, which includes door frame screws for increased product performance and security.

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.

Dimensions



Specification-grade high or low bay luminaire. For use with ndoor applications where high-efficiency, high-performance and ease of installation are required. This luminaire's compact design and narrow beam light distribution makes this luminaire deal as an HID alternative or replacement.



Features

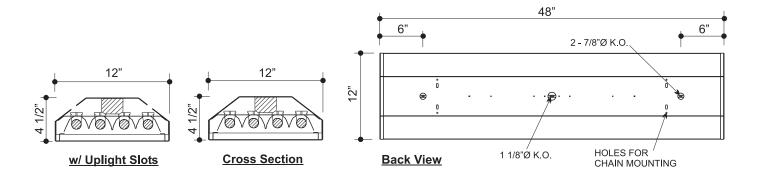
- Replaces 250 or 400 watt HID luminaires
- Up to 50% energy savings compared to equivalent metal halide luminaire
- Narrow beam lighting distribution for aisle ways and general lighting
- Available with 2, 3, 4 or 5 lamps
- Available in 48 and 96 inch nominal lengths (T5 and T8 configurations)

Options & Adders

- High-performance reflector with various finishes and configurations available
- Multi-level switching
- Dimmable and Emergency ballast
- Radio interference filter (120V 277V)
- Door frame with wireguard
- Aircraft cable
- · Motion sensor and assembly
- Uplight component

Applications

- Manufacturing and Warehouse Areas
- Large Storage Rooms
- Multi-Purpose Rooms
- Warehouse Areas and Aisles



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ACROSS

12169

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9649

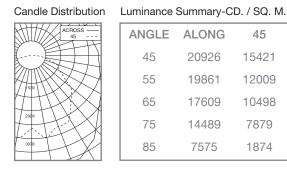
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1601



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Photometrics - FHBF448-T5HO54PUNV-VF1 - Efficiency 92.3%



Candle Power Sur	nmary		
ZONE	LUMENS	% LAMP	% LUMINAIRE
0 - 30	5401	30.70	33.20
0 - 40	8512	48.40	52.40
0 - 60	13713	77.90	84.40
0 - 90	16247	92.30	100.00
40 - 90	-	-	-
60 - 90	-	-	-
90 - 180	-	-	-
0 - 180	16247	92.3	100.00

FHBF					-				-				Options
	Typic Numb	al N	lom. ength			Lam Wat		Voltag	e				t Options otion Code Section For More Information)
	Of Lan In Cro Section	nps (in ss	ches) 48			See ta	ble	120 - 12 347 - 34 UNV - 12	7V 0 - 277			B02 B03 B04	Dimming Addressable Digital (dali) Dimming Low Voltage (0-10v) Dimming Line Voltage
	2				Lar	10		UN2 [†] - 27 UN4 - 34				B08	High Ballast Factor
	2 3 4 5* *Available wi	Tandem				Lamp UN4 - 347 - 480V Type [†] Available with						B09 B30	Low Ballast Factor Emergency Lighting Battery Pack Spec Grade
		le with	(Blank) - /2 -	Blank) - N/A /2 - Single	T5 T5HO			T8VHO on		nlv 🗆		B33 B34	Emergency Lighting Battery Pack 1-lamp Emergency Lighting Battery Pack 2-lamp
	T5 only.			Housing	T8 T8VH		Balla					Housi	ng Construction Options
					1001	10	Тур	be				C27	Uplight Slots (select uplight reflector option also)
								nt Start ram Start				Packa	ging Options
								d Start				K0	Pack Bulk/ Pallet Packed and/or Wrapped
													ing Options
												M07 M10(x) M35 M36	Mounting Bracket for Pendant Mounting (Nounting Chain Set (specify length (xx) in ft) Mounting Deck Plate Ribbed Square Aircraft Cable "Y" (48-in standard length)
													Dptions (Select One Only) es Door Frame Standard "Light Lok" Hinged)
												P05	Clear Acrylic Lens
												P07 P12	Clear Polycarbonate Lens Prismatic Acrylic Lens (P12)
												P16 P45	Prismatic Polycarbonate Lens (P12) Clear Polycarbonate Lens125" Thick
												Reflec	tor VF1 Solid Full Specular Aluminum with 95% Reflectance Is a
												R02	Reflector Slotted Aluminum
											_		(92% White)
												R05	Reflector Solid Aluminum (92% White)
												VF3	Reflector VF1 Slotted Full Specular (95% Reflectance)
													Options
Example:												V08 V21	Flexible Feed Cord (single circuit only) 6ft Standard Motion Sensor With Enclosure Assembly
Example: FHBF448-	TELLOS		07									V25	Radio Interference Filter
·			07									V32 V33	Wiring 2-Circuit Cord Wiring 2-Switch Leads
Lamp Wat	is	Nomi	l ama 14	latta							_		uard Options (Select One Only)
Length	T5	Nomina T5HO	al Lamp W T8	/atts T8VH							_	(Include	es Door Frame Standard "Light Lok" Hinged)
48	28	54	32	84								W1 W8	Wireguard Heavy Duty Painted Wireguard Heavy Duty Welded (Recommended For Gymnasium/Recreational Use)
Other optic	no movi h		blo conce	It footo -	,							Appro	val and Rating Options

HIGHBAY LIGHTING

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