LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

Full-body Fluorescent High Bay

FOB

T5HO or T8 Lamps

FEATURES & SPECIFICATIONS

INTENDED USE — The perfect replacement for HID high bay luminaires. Typically located in retail, warehouse, industrial, commercial and manufacturing areas. Designed for large area lighting applications (5,000 - 1,000,000+ sq. ft.) and may be mounted at heights of 15' to 25'. **Certain airborne contaminants can diminish integrity of acrylic. Click here for Acrylic Environmental Compatibility table for suitable uses.**

CONSTRUCTION — Channel, ends and socket brackets are manufactured from 22-gauge cold rolled steel. Riveted and screwed assembly. Tool-less ballast and wiring access. Optional heavy-gauge steel or all-aluminum construction are available.

Lamp shielding options are provided with a 22ga., premium polyester powder coat finish door frame with two painted hinges and two painted opposing rotary cam latches. Lenses are held in place with lens clips.

Optional double gasketing around door frame and lens is available.

Finish: Standard premium polyester powder coat finish, utilizing a seven-stage pretreatment process of iron phosphate, a non-chromium sealer and a de-ionized water rinse to provide superior adhesion and corrosion resistance. Specify PAF (powder coat after fabrication). Required for aluminum construction.

OPTICS — Precision formed, high performance, 95% total reflectance, segmented optics utilizing premium specular aluminum warranted for 25 years. White reflectors have 93+% total reflectance and are finished with an in-house polyester powder coating system. Reflector optics are available in a wide variety of photometric distributions and spacing criteria.

Factory installed lamps are available in various CRI ratings, temperature colors and rated life. Lamps are secured with rotary locking lamp sockets for ease of relamping and to reduce lamps disconnecting due to vibration or incidental contact.

High fixture efficiency and optical control deliver the peak candlepower needed to produce desired illumination levels from high mounting heights.

ELECTRICAL — All standard ballasts are electronic, energy saving, thermally protected, Class-P, HPF.

INSTALLATION — May be offset mounted to a hard ceiling or may be suspended by chain or cable, or may be monopoint mounted with appropriate accessories. Monopoint mounting available with 4' fixtures only.

LISTINGS — CSA Certified to U.S. and Canadian safety standards (UL1598 and CSA 250.0-08) for 0°C (32°F) and 30°C (85°F) lensed. Suitable for damp locations. With IMP option, fixture CSA Certified to UL1598. Without IMP option, fixture C-UL Listed to UL1598.

WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

DIMENSIONS

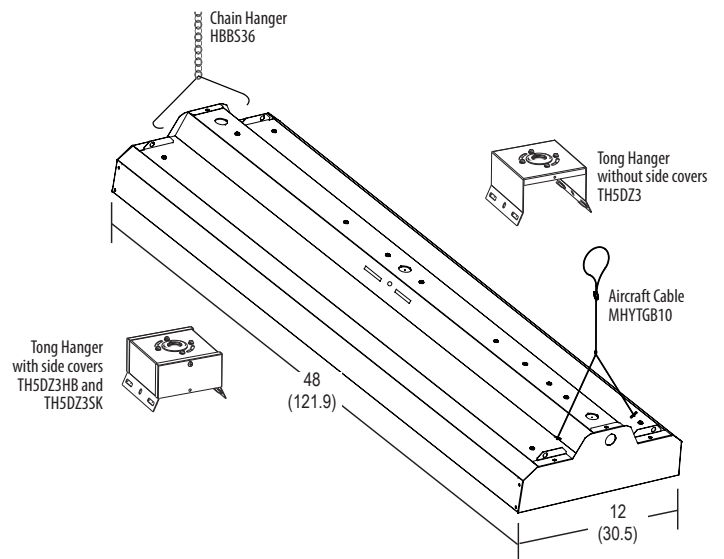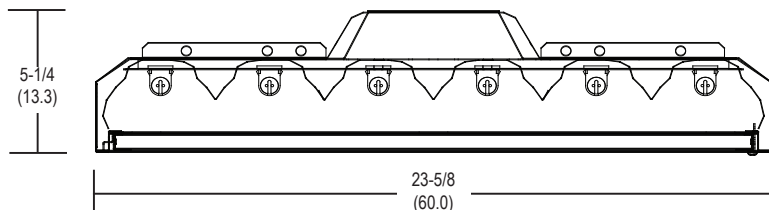All dimensions are shown in inches (centimeters) unless otherwise noted.

Chain Hanger HBBS36

Tong Hanger without side covers TH5DZ3

Tong Hanger with side covers TH5DZ3HB and TH5DZ3SK

Aircraft Cable MHYTGB10

48 (121.9)

12 (30.5)

5-1/4 (13.3)

12 (30.5)

5-1/4 (13.3)

16 (40.6)

5-1/4 (13.3)

23-5/8 (60.0)
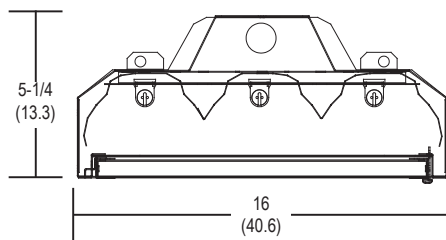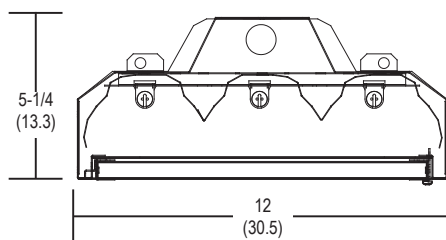
FOB Full-body Fluorescent High Bay

ORDERING INFORMATION

For shortest lead times, configure products using **standard options (shown in bold)**.

Example: FOB164 4 54T5HO T1X20 ACL MVOLT GEB10PS LP841

Series[1]		Number of lamps[1,2]	Lamp type	Distribution/Reflector[1]				Shielding		Voltage		Ballast configuration	
FOB14	1' x 4'	2	**54T5HO** 54W T5HO	**Distribution**		**Reflector**		**(blank)** No shielding		**MVOLT** 120-277V, 60 Hz		**(blank)** All 2-lamp ballasts[6]	
FOB164	16" x 4'	3	**32** 32W T8	F1	Focus beam, (0.9 > SC)[3,4]	**X20**	Specular aluminum	A12125	Pattern 12 acrylic, 0.125"				1/3	(1) 3-lamp ballast
FOB24	2' x 4'	**4**		**T1**	Task beam, (0.9 ≤ SC < 1.2)	D20	White powder coat[5]	A12125WG	Pattern 12 acrylic, 0.125" w/wire guard in door frame	**HVOLT** 347-480V, 60 Hz		**1/4**	(1) 4-lamp ballast
FOB18	1' x 8'	6		N1	Normal beam, (1.2 ≤ SC ≤ 1.4)			**ACL**	Clear acrylic, 0.125"				**1/41/2**	(1) 4-lamp and (1) 2-lamp ballast
FOB168	16" x 8'			S1	Spread beam, (1.4 ≤ SC ≤ 1.8)			ACLWG	Clear acrylic, 0.125" w/wire guard in door frame				2/3	(2) 3-lamp ballasts
FOB28	2' x 8'			B1	Broad beam, (1.8 < SC)[3,4]			PCL125	Clear polycarboate, 0.125"				2/4	(2) 4-lamp ballasts
								PCL125WG	Clear polycarboate, 0.125" w/wire guard in door frame				3/4	(3) 4-lamp ballasts
								NLWG	No lens; wire guard in door frame					

Ballast		Lamp color		Options							
GEB10ISH	T8 electronic ballast, ≤10% THD, instant start, high BF	**(blank)**	No lamps	OUTCTR	Wiring leads pulled through back center of fixture[7]	GLR	Internal fast-blow fuse[11,12]		Cord sets:		
GEB10IS	T8 electronic ballast, ≤10% THD, instant start, normal BF	LP830	85 CRI, 3000°K, standard life	ABG	Double-gasketing	GMF	Internal slow-blow fuse[11,12]		CS1W	Straight plug, 120V[16,17]	
		LP835	85 CRI, 3500°K, standard life	20GA	20-gauge steel construction	EL14	Emergency battery pack[11,12,13,14]		CS3W	Twist-lock, 120V[16,17]	
GEB10PS90	T5HO 90° electronic ballast, ≤10% THD, programmed rapid start	**LP841**	85 CRI, 4100°K, standard life	AL	Aluminum construction[8]	OCS	RELOC® OnePass® 5' installed[15]		CS7W	Straight plug, 277V[16,17]	
GEB10PS	T8 electronic ballast, ≤10% THD, programmed rapid start, normal BF	LP850	85 CRI, 5000°K, standard life	WG	Wireguard, 11-gauge, powder coat finish, external mounting	MSI	Aisle motion sensor, pre-wired[15]		CS11W	Twist-lock, 277V[16,17]	
				IMP	Integrated modular plug[9,10]	MSI360	360° motion sensor, pre-wired[15]		CS25W	Twist-lock, 347V[16,17]	
						PBTSKT	Polybutylene terephthalate sockets[3]		CS97W	Twist-lock, 480V[16,17]	
									CS93W	600 SO white cord, no plug (no voltage required)	

Accessories: *Order as separate catalog number.*

Mounting:		Cord sets and sensors for IMP option:	
THSDZ3	Monopoint hanger, w/ ¾" KO[18]	CS1WIMP	Straight plug, 120V[11,16]
THSDZ3HB	Monopoint hanger, w/ ¾" hub[18]	CS3WIMP	Twist-lock, 120V[11,16]
THSDZ3SK	Side covers for monopoint hangers[18]	CS7WIMP	Straight plug, 277V[11,16]
THSDZ4	Monopoint hanger, w/ ¾" KO[19]	CS11WIMP	Twist-lock, 277V[11,16]
THSDZ4HB	Monopoint hanger, w/ ¾" hub[19]	CS93WIMP	600V SO white cord, no plug (no voltage required)
THSDZ4SK	Side covers for monopoint hangers[19]	MSIIMPF	Aisle sensor[10,11]
HBBS36	V hook with chain, 36" (2 hangers/kit)	MSI360IMPF	360° sensor[10,11]
MHYTGB10	Aircraft cable, 2-toggle, 18" legs, 10' (2 hangers/kit)		
IBAC120	Aircraft cable, 2-hook, 18" legs, 10' (2 hangers/kit)		

Notes
1. See Configurations table for availability.
2. Number of lamps per 4' section.
3. Available with T5HO lamps only.
4. Not available with prismatic lens option.
5. Available only with a normal beam distribution.
6. Not available in 4' fixtures with six or more lamps, T5HO only.
7. Specify OUTCTR when monopoint hanger will be used.
8. Must specify PAF.
9. Must be factory-installed. 120/277V only.
10. Must have "IMP" power cord to power fixture. 120/277 voltage only.
11. Specify voltage; 120 or 277 only.
12. Not available with 347V.
13. Not available with IBZPMP, IMP, IMP2 or when 3/2 ballast is specified.
14. UL Listed for 55°C. Output in emergency mode varies with ambient temperature (approx. 1100 lumens at 25°C when using 49W lamps, and 911 lumens at 45°C). Single-lamp operation only. Not available with HVOLT. Not available with IMP or IMP2.
15. Specify voltage; 120, 208, 240, 277, 347 or 480.
16. All cord sets are 18/3, 6', white.
17. Cord sets are voltage specific. Specify voltage. Other configurations available. Consult factory.
18. For use with FOB14.
19. For use with FOB164 and FOB24.

CONFIGURATIONS
All dimensions are shown in inches (centimeters) unless otherwise noted.

SERIES	# OF LAMPS[2]	DISTRIBUTION	WIDTH	DEPTH	LENGTH
FOB14, FOB18	2 or 3	F1, T1, N1, S1, B1	12 (30.5)	5-1/4 (13.3)	48 (121.9), 96 (243.8)
FOB164, FOB168	4	T1, N1, S1	16 (40.6)	5-1/4 (13.3	48 (121.9), 96 (243.8)
FOB24, FOB28	6	T1, N1, S1	23-5/8 (60.0)	5-1/4 (13.3	48 (121.9), 96 (243.8)

PHOTOMETRICS

See www.lithonia.com.

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