

PRODUCT INFORMATION

I-BEAM IBZ

T5



Intended Use

The IBZ fluorescent high bay is ideal for new construction and renovation projects. It is a one-for-one replacement of common metal halide high bay systems. The unique Cool Running Plus™ technology provides industry-leading, trouble-free operation in ambient temperatures up to 155°F (68°C). Applications include manufacturing, warehousing, commercial and industrial facilities. The IBZ fixture performs well at mounting heights from 15'-40'.

Features

- Highly configurable design that allows for a multitude of options that can be field- or factory-installed
- Reflectors tightly control light distribution and effectively manage heat to increase overall efficiency

- Narrow and wide distributions available
- Utilizes proprietary Cool Running Plus technology ballast
- Suitable for suspension by chain or cable, surface-mounting bracket, hook monopoint, or single (pendant) monopoint
- Thermally protected, resetting, Class P, HOF, A+ sound rated electronic ballast

Listings

CSA Certified to U.S. and Canadian safety standards (UL1598 and CSA 250.0-08) for 55°C and 40°C lensed. Suitable for damp locations.

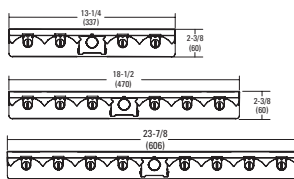


Example: IBZ 454L

ORDERING INFORMATION		Specifications subject to change.					
Series	Lamp type	Distribution	Shielding ^{2,3}	Voltage	Ballast configuration ⁵	Ballast	
IBZ For tandem double-length unit, add prefix "T". Ex: TIBZ	Lamps installed¹	(blank) Narrow distribution, ≤5% uplight	(blank) No shielding	(blank) MVOLT; 120-277V	(blank) Standard configuration as listed below	(blank) Cool Running Plus T5 electronic, 1.0 BF, programmed rapid start	
	454L 4-lamp 54W T5HO	NDU Narrow distribution, enhanced uplight, ≤13% uplight	A12125 Pattern 12 acrylic, 0.125" ⁴	HVOLT 347-480V ⁵	<i>Standard ballast configurations:</i>		
	654L 6-lamp 54W T5HO	WD Wide distribution, ≤5% uplight	ACL Clear acrylic, 0.125" ⁴		4-lamp = one 4-lamp ballast		
	854L 8-lamp 54W T5HO	WDU Wide distribution, enhanced uplight, ≤13% uplight	PCL125 Clear acrylic, 0.125" ⁴		6-lamp = one 2-lamp and one 4-lamp ballast		
	Unlamped		NLWG No lens; wireguard in door frame		8-lamp = two 4-lamp ballasts	GEB10PS90 T5 electronic, 1.0 BF, programmed rapid start	
	454 4-lamp 54W T5HO						
654 6-lamp 54W T5HO							
854 8-lamp 54W T5HO							
Lamp color		Options		Motion sensors:			
(blank) F54T5HO/841	GLR Internal fast-blow fuse ^{7,8}	HBBSIC Chain hanger (pair)	MSI Aisle motion sensor, pre-wired ¹⁶				
LP835 F54T5HO/835	GMF Internal slow-blow fuse ^{7,8}	HBBS36IC Chain hanger with 36" chain (pair)	MSI360 360° motion sensor, pre-wired ¹⁶				
LP850 F54T5HO/850	EL14 Emergency battery pack ^{7,9,10}	 Cord sets: ¹⁴	MSE360 360° motion sensor, embedded, high bay ^{7,17}				
Amalgam lamps⁶	EL14SD Emergency battery pack w/ self-diagnostics ^{7,9,10}	CS1W Straight plug, 120V ¹⁵	MSE360LB 360° motion sensor, embedded, low bay ^{7,18}				
LP841A F54T5HO/841	I162 1250 lumens per lamp battery ^{9,10,11}	CS3W Twist-lock, 120V ¹⁵	XP1 XPoint single relay ¹⁹				
LP835A F54T5HO/835	OUTCTR Wiring leads pulled through back center of fixture ³	CS7W Straight plug, 277V ¹⁵	XP2 XPoint double relay ¹⁹				
LP850A F54T5HO/850	OCS RELOC® OnePass® cable ⁷	CS11W Twist-lock, 277V ¹⁵	Wireguards:				
Energy-saving 49W lamps	IMP Integrated modular plug ^{12,13}	CS25W Twist-lock, 347V ¹⁵	WGX External wireguard installed				
P841E49 F54T5HO/841	FSP Integral full side panels	CS97W Twist-lock, 480V ¹⁵	2WGX External wireguard installed on bottom of fixture ²⁰				
P835E49 F54T5HO/835	PBTSTK Polybutylene terephthalate sockets	CS93W 600 SE00W white cord, no plug (no voltage required)					
P850E49 F54T5HO/850							

ADDITIONAL INFORMATION For additional product information, visit www.lithonia.com.

ACCESSORIES				SPECIFICATIONS			
ORDER SEPARATELY				LENGTH	WIDTH	DEPTH	WEIGHT
Mounting:	Field-installable door and lens assemblies: ^{3,4}	Cord sets and sensors for IMP option:	Wireguards:	4-lamp	48-1/16 (1221)	13-1/4 (337)	2-3/8 (60) 16 lbs. (7.3 kg)
IBAC120 M20 Aircraft cable 10' with hook (one pair)	DLIBZ14 A12125 4-lamp pattern 12 acrylic lens, 0.125"	CS1WIMP Straight plug, 120V ^{7,13,14,15}	Standard 4-lamp wireguard	6-lamp	48-1/16 (1221)	18-1/8 (460)	2-3/8 (60) 20 lbs (9.1 kg)
IBAC240 M20 Aircraft cable 20' with hook (one pair)	DLIBZ14 ACL 4-lamp clear acrylic lens	CS3WIMP Twist-lock, 120V ^{7,13,14,15}	Standard 6-lamp wireguard	8-lamp	48-1/16 (1221)	23-7/8 (606)	2-3/8 (60) 25 lbs. (11.3 kg)
IBZACVH Aircraft 10' V hanger (one pair)	DLIBZ19 A12125 6-lamp pattern 12 acrylic lens, 0.125"	CS7WIMP Straight plug, 277V ^{7,13,14,15}	Standard 8-lamp wireguard	factory in order to accommodate the size of the battery. The BACKPACK is NOT field-installable. May only be surface-mounted using IBZSMB. Not available with pendant-mount using IBZ PMP or IBZ PMPHB. Not available with IMP.			
IBZTFC Tandem coupler and 8' side panel	DLIBZ19 ACL 6-lamp clear acrylic lens	CS11WIMP Twist-lock, 277V ^{7,13,14,15}		10 Certified to UL1598 (approx. 1100 lumens at 25°C when using 49W lamps, and 911 lumens at 45°C). Single-lamp operation only. 120 or 277 voltage.			
IBZPMP Pendant monopoint splice box, includes side covers ^{3,21}	DLIBZ19 PCL125 6-lamp clear polycarbonate lens, 0.125"	CS25WIMP Twist-lock, 347V ^{7,13,14,15}		11 Max 2500 lumens when used with 54W T5 lamps up to 55°C ambient temperature (120 or 277 voltage only).			
IBZPMPHB Pendant monopoint splice box, includes side covers (3/4" hub) ^{3,21}	DLIBZ24 ACL 8-lamp clear acrylic lens	CS93WIMP 600V SE00W white cord, no plug (no voltage required) ¹⁴		12 Must be factory-installed. Not available on TIBZ 16-lamp configurations.			
HBBS36 Chain hanger, 36" (one pair)	DLIBZ24 PCL125 8-lamp clear acrylic lens	CS97WIMP Twist-lock, 480V ^{7,13,14,15}		13 Must have "IMP" power cord to power fixture.			
IBZSMB Surface-mounting bracket (one pair)		MSIIMP Aisle sensor ^{7,13}		14 All cord sets are 18/3, 6', white.			



Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.

Notes

- 1 Lamps installed are F54T5HO/841 unless otherwise specified.
- 2 5/55°F warranty with open fixtures only.
- 3 Not available with MSE360 or MSE360LB option.
- 4 For wireguard in door frame, add "WG" to shielding. Ex: A12125WG.
- 5 Nonstandard configurations may require factory-installed BACKPACK™. Consult factory.
- 6 Not for use with motion sensors or emergency battery packs.
- 7 Specify voltage.
- 8 Not available with 347 voltage.
- 9 Battery options require a BACKPACK installed by the

Certain airborne contaminants can diminish integrity of acrylic and polycarbonate. Refer to the Acrylic & Polycarbonate Environmental Compatibility tables on pages 1116-1117 for suitable uses.