

FEATURES & SPECIFICATIONS

INTENDED USE — The I-BEAM 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. Applications include manufacturing, warehousing, commercial and industrial facilities. The I-BEAM fixture performs well at mounting heights from 15'-40'. **Certain airborne contaminants can diminish integrity of acrylic. Click here for Acrylic Environmental Compatibility table for suitable uses.**

CONSTRUCTION — The highly configurable design of the I-BEAM high bay allows for a multitude of fixture options that can either be factory- or field-installed. The ballast can be accessed easily with the I-BEAM proprietary Z-strip channel design, which is thermally vented to provide years of trouble-free operation.

In addition to the reliable operation of I-BEAM fixtures, the reflectors tightly control the distribution of light and effectively manage lamp heat to increase the overall efficiency. The result is superior optics in either narrow distribution for aisles, or wide distribution for general lighting. Both distributions are available with or without uplight. Installation is made quick and easy with I-BEAM hanging accessories such as the aircraft cable and single-point mounting bracket. I-BEAM fixtures can be factory-wired to have both sensors and cordsets, further reducing installation time. The configurability, performance and ease of installation make I-BEAM fixtures the preferred choice for fluorescent high bay lighting.

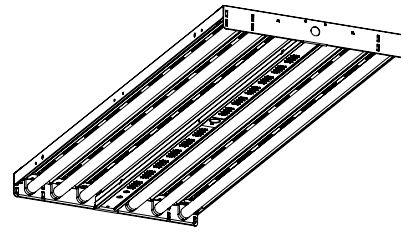
Channel is formed of heavy-duty code-gauge (22-gauge) steel to stand up to the most demanding elements. Lamp holder assembly protects from incidental damage or movement of sockets during handling and installation. Sockets include secure positioning rotating collars with enclosed contacts. Access plate on the back of the channel housing allows quick and easy wiring.

Finish: Channel is high-gloss white baked enamel; five-stage iron phosphate pretreatment ensures superior paint adhesion and rust resistance.

OPTICS — Two optical systems are available. Narrow distribution is ideal for narrow or aisle lighting applications and features precision-formed segmented optics utilizing Alanod Miro® 4 specular aluminum reflectors. Provides 95% reflectivity and warranted for 25 years. Wide distribution includes high-reflectance white finish for general or open areas.

ELECTRICAL — Thermally protected, resetting, Class P, HPF, A+ sound-rated electronic ballast. AWM TFM or THHN wire used throughout rated for required temperatures. Ballast disconnect (BDP) is standard unless EL14 or cordset is requested.

INSTALLATION — Suitable for suspension by chain, cable, surface-mounting bracket, hook monopoint or single



Fluorescent High Bay
 4-, 6- or 8-lamp T8
 Patent Pending

SPECIFICATIONS			
	4-lamp	6-lamp	8-lamp
Length	48-1/16 (1221)	48-1/16 (1221)	48-1/16 (1221)
Width	13-1/4 (337)	18-1/8 (460)	23-7/8 (606)
Depth	2-3/8 (60)	2-3/8 (60)	2-3/8 (60)
Weight	15 lbs. (6.8 kg)	19 lbs (8.6 kg)	24 lbs. (10.9 kg)

All dimensions are inches (millimeters) unless otherwise specified.
 Specifications subject to change without notice.

(pendant) monopoint.

LISTINGS — CSA Certified to U.S. and Canadian safety standards (UL1598 and CSA 250.0-08). Suitable for damp locations.

WARRANTY — Guaranteed for one year against mechanical defects in manufacturing.

Ballast is backed by manufacturer for five years.

ORDERING INFORMATION For shortest lead times, configure products using **bolded options**.

Example: IBZ 632 WDU GEB10PS

IBZ	Number of lamps/wattage		Shielding ^{2,3}		Distribution		Voltage		Ballast configuration	
IBZ I-BEAM	<u>Lamps installed¹</u>	<u>Unlamped</u>	(blank)	No shielding	(blank)	Narrow distribution, ≤4% uplight	(blank)	MVOLT;	(blank)	Standard configura-
For tandem double-length unit, add prefix "T". Ex: TIBZ	432L 4-lamp 32W T8	432 4-lamp 32W T8	A12125	Pattern 12 acrylic, 0.125"	NDU	Narrow distribution, enhanced uplight, ≤13% uplight	347	120-277V		tion
	632L 6-lamp 32W T8	632 6-lamp 32W T8	ACL	Clear acrylic, 0.125"	WD	Wide distribution, ≤4% uplight	480	347V		For other options, refer to Ballast Configuration on page 2.
	832L 8-lamp 32W T8	832 8-lamp 32W T8	PCL125	Clear polycarbonate, 0.125"	WDU	Wide distribution, enhanced uplight, ≤13% uplight	480V	480V		
			A12125WG	Pattern 12 acrylic, 0.125" w/ wireguard in door frame						
			ACLWG	Clear acrylic, 0.125" w/ wireguard in door frame						
			PCL125WG	Clear polycarbonate, 0.125" w/ wireguard in door frame						

Ballast	Lamps installed	Options	
(blank) T8 electronic, <10% THD, instant start, high BF	(blank) F32T8/841	EL14	Emergency battery pack ^{2,4,5}
GEB10IS T8 electronic, <10% THD, instant start, normal BF	LP835 F32T8/835	EL14SD	Emergency battery pack w/ self-diagnostics ^{2,4,5}
GEB10PS T8 electronic, <10% THD, programmed rapid start	LP850 F32T8/850	FSP	Integral side panels
GEB10PSH T8 electronic, <10% THD, programmed rapid start, high ballast factor (see Ballast Configuration chart on page 2)	LP865 F32T8/865	GLR	Internal fast-blow fuse ^{4,6}
		GMF	Internal slow-blow fuse ^{4,6}
		IMP	Integrated modular plug ⁷
		MSI	Aisle motion sensor pre-wired ⁴
		MSI360	360° motion sensor pre-wired ⁴
		MSE360	360° motion sensor embedded ^{4,8}
		OCS	RELOC® OnePass® 5' installed
		WGX	External wireguard installed
		2WGX	External wireguard installed on bottom of fixture ⁹
		1162	1250 lumens per lamp battery ¹⁰
		OUTCTR	Wiring leads pulled through back center of fixture ³
			Cords: See page 2.

Accessories: Order as separate catalog number.

IBAC120 M20	Aircraft cable 10' Y hanger (one pair)	IBZTFC	Tandem coupler and side panel
IBAC240 M20	Aircraft cable 20' Y hanger (one pair)	IBZPMP	Pendant monopoint splice box, includes side covers ¹¹
WGBZXX	Wireguard, white finish (see chart on page 2)	IBZPMPHB	Pendant monopoint splice box, includes side covers (3/4" hub) ¹¹
IBHMP	Hook monopoint	HBBS36	Chain hanger, 36" (one pair)
		IBZSMB	Surface-mounting bracket (one pair)

Notes

- Lamps installed are F32T8/841.
- UL Listed for 55°C. Output in emergency mode varies with ambient temperature. Single-lamp operation only. Not available with HVOLT.
- Not available with MSE360 option.
- Specify voltage.
- Not available with IBZPMP.
- Not available with 347.
- Must be factory-installed.
- Recommended for heights of 30-45'. Not available with 208V or 480V.
- One wireguard shipped as separate line item for top installation in field.
- Max 3000 lumens when used with T8 lamps up to 55°C ambient temperatures (not available with HVOLT).
- When ordering IBZPMP, two-ballast configurations are recommended. Ex: 2/2.

I-BEAM® Fluorescent High Bay, T8

Cord Set Option:

Add suffix to end of catalog number, specify voltage. All cord sets are 18/3, 6', white unless otherwise noted. Other configurations available, consult factory.

Suffix	Description
CS1W	Straight plug, 120V
CS3W	Twist lock, 120V
CS7W	Straight plug, 277V
CS11W	Twist-lock, 277V
CS25W	Twist-lock, 347V
CS97W	Twist-lock, 480V
CS93W	600V SO white cord, no plug (no voltage required)

Wire Guard Accessories:

Order as a separate catalog number.

Wire guard	Description
WGIBZ14	Standard four-lamp
WGIBZ19	Standard six-lamp
WGIBZ24	Standard eight-lamp

Modular Accessories:

Order as a separate catalog number. All cord sets are 18/3, 6', white unless otherwise noted. Must include "IMP" option on fixture.

Suffix	Description
CS1WIMP	Straight plug, 120V
CS3WIMP	Twist lock, 120V
CS7WIMP	Straight plug, 277V
CS11WIMP	Twist-lock, 277V
CS93WIMP	600V SO white cord, no plug (no voltage required)
MSIIMP	Aisle sensor ¹
MSI360IMP	360° sensor ¹
OCSXXXIMP	RELOC® 5' OnePass® ²

Field-installable Door and Lens Assemblies:³

Lens Type	4-lamp Nomenclature	6-lamp Nomenclature
A12125	DLIBZ14 A12125	DLIBZ19 A12125
ACL	DLIBZ14 ACL	DLIBZ19 ACL
PCL125	DLIBZ14 PCL125	DLIBZ19 PCL125

Notes:

- 1 Must have "IMP" power cord to power fixture. 120/277 voltage only.
- 2 XXX denotes voltage; must specify voltage.
- 3 Add WG to nomenclature if wire guard is to be installed in door frame, ex: DLIBZ14 A12125WG.

Standard Ballast Configurations

	4-lamp	6-lamp	8-lamp
T8 instant start (1.15-1.20 bf)	Two 2-lamp ballasts	Two 3-lamp ballasts	Two 4-lamp ballasts
T8 instant start (.88 bf)	One 4-lamp ballast	One 4-lamp and one 2-lamp ballast	Two 4-lamp ballasts
T8 program rapid start (1.15-1.20 bf)	Two 2-lamp ballasts	Two 3-lamp ballasts	One 2-lamp and two 3-lamp ballasts
T8 program rapid start (.88 bf)	One 4-lamp ballast	One 4-lamp and one 2-lamp ballast	Two 4-lamp ballasts

DIMENSIONS

Inches (millimeters). Subject to change without notice.

