

IB

I-BEAM®



Intended Use
The I-BEAM Series is the ideal one-for-one replacement of common metal halide high bay systems. The unique COOL RUNNING™ technology provides trouble-free operation in ambient spaces up to 65°C. Applications include manufacturing, warehousing, commercial facilities and retail. Consult factory for use in gymnasiums. I-BEAM fixtures perform best at mounting heights from 15'-40'. **Certain airborne contaminants can diminish integrity of acrylic. Refer to Acrylic Environmental Compatibility tables on pages 794-795 for suitable uses.**

Construction
Channel is formed of heavy-duty, code-gauge steel to stand up to the most demanding elements. Lamp holder assembly protects from incidental damage to reflectors during installation.

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(ND) is ideal for narrow or aisle lighting applications and features precision-formed segmented optics utilizing highly reflective specular aluminum reflectors. Provides 95% reflectivity and

warranted for 25 years. Wide distribution(WD) 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 is rated for required temperatures. Ballast disconnect standard (BDP).

Socket: Sockets include secure positioning rotating collars with enclosed contacts. Access plate on the back of the channel housing allows quick and easy wiring.

Installation
Suitable for suspension by chain, cable, hook monopoint or pendant monopoint.

Fixture should not be mounted directly to ceiling surface. For optimum performance, fixture should be mounted at least 18" below ceiling plane.

Listings
UL/C-UL listed to U.S. and Canadian safety standards for ambient operation up to 65°C. Suitable for damp locations.

Guaranteed for one year against mechanical defects in manufacturing. Ballast warranty: five years when operated in 55°C or less ambient conditions, three years when operated in 65°C or less ambient conditions. T5 COOL RUNNING™ technology only.



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

Example: IB 654L

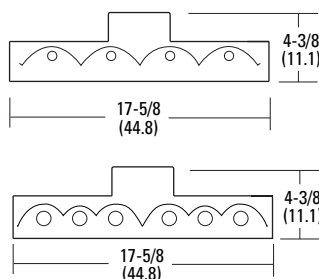
| Series | Lamp type | Distribution | Voltage | Ballast configuration ³ |
|--|------------------------------------|---|--|---|
| IB I-BEAM | Lamps installed¹ | (blank) Narrow distribution with uplight | (blank) MVOLT ¹⁰ | (blank) Standard configuration ³ |
| | 454L 4-lamp, 54W, T5HO | NDS Narrow distribution, no uplight | HVOLT 347V-480V | 2/3 Two, 3-lamp ballasts |
| | 654L 6-lamp, 54W, T5HO | WD Wide distribution with uplight | 120 120V | 2/2 Two, 2-lamp ballasts |
| | 432L 4-lamp, 32W, T8 | WDS Wide distribution, no uplight | 277 277V | |
| | 632L 6-lamp, 32W, T8 | | 347 347V | |
| | | | 480 480V ² | |
| Ballast | | Lamp color ¹ | Options | |
| (blank) T5HO electronic ballast, ≤10% THD, programmed rapid start | T5HO | LP841A F54T5HO/841 | EL14 Emergency battery pack ⁵ | CS3 125V L5-15P twist-lock, black cord 18/3 6' ^{7,9} |
| (blank) T8 electronic ballast, ≤10% THD, instant start, high BF | (blank) F54T5HO/841 | T8 | MSI Occupancy sensor pre-wired ^{6,7} | CS7 277V 7-15P molded plug, black cord 18/3 6' ^{7,9} |
| GEB10IS T8 electronic ballast, ≤10% THD, instant start, normal BF | LP835 F54T5HO/835 | (blank) F32T8/741 | GLR Internal fast blow fusing | CS11 277V L7-15P twist-lock, black cord 18/3 6' ^{7,9} |
| GEB10RS T8 electronic ballast, ≤10% THD, programmed rapid start | LP830 F54T5HO/830 | LP730 F32T8/730 | OCS RELOC® OnePass® S' installed ⁷ | CS93 600V no plug, white cord 18/3 6' ^{7,9} |
| | LP850 F54T5HO/850 | LP735 F32T8/735 | FSP Integral side panels | CS97 480V L8-20P twist-lock, black cord 18/3 6' ^{7,9} |
| | T5HO Amalgam⁴ | | NOM Meets Mexican standards | |
| | LP830A F54T5HO/830 | | PMP Pendant monopoint ⁸ | |
| | LP835A F54T5HO/835 | | CS1 120V 5-15P molded plug, black cord 18/3 6' ^{7,9} | |

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

| CONFIGURATIONS | | |
|----------------|---------------------|-----------------------------------|
| LAMP TYPE | 4-LAMP | 6-LAMP |
| T5HO | One 4-lamp ballast | One 4-lamp and one 2-lamp ballast |
| T8 (0.88 BF) | One 4-lamp ballast | One 4-lamp and one 2-lamp ballast |
| T8 (1.2 BF) | Two 2-lamp ballasts | Two 3-lamp ballasts |

| ACCESSORIES | |
|------------------|--|
| ORDER SEPARATELY | |
| IBAC120 M20 | Aircraft cable 10' Y hanger (one pair) |
| IBAC240 M20 | Aircraft cable 20' Y hanger (one pair) |
| WGIBZ | Wireguard |
| HC36 | Chain hanger, 36" |
| IBHMP | Hook monopoint |

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



Notes

- 1 Unless otherwise specified, lamps installed are F54T5HO/841 for T5HO and F32T8/741 for T8.
- 2 For use with T5HO only. Consult factory for use with T8.
- 3 See Configurations table for availability.
- 4 Not for use with motion sensors or EL14.
- 5 UL Listed for 55°C. Output in emergency mode varies with ambient temperature (approx. 944 lumens at 25°C and 911 lumens at 45°C). Single-lamp operation only. Not available with HVOLT. Requires some assembly in field for 6-lamp fixture. 120V or 277V only.
- 6 Use of programmed rapid-start ballast recommended to avoid shortened lamp life.
- 7 Specify voltage.
- 8 Fixture must be ordered with PMP for channel modification. Splice box ships separately. For PMP replacement, only order IBPMP.
- 9 Voltage specified must match voltage on cord set. CS93 does NOT require a voltage.
- 10 120-277 volt.