

## Specifications

**Reflectors** - Precision formed, high performance, 95% total reflectance, segmented optics utilizing Alanod MIRO® 4 specular aluminum warranted for 25 years.

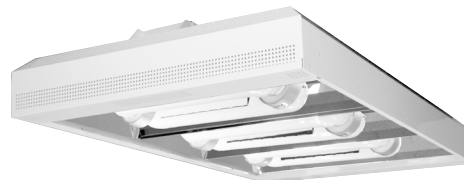
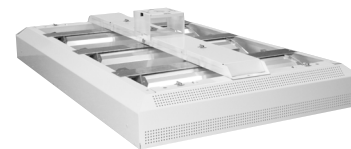
- Custom designed reflectors for any specific application, which can increase efficiency or provide desired cutoff for comfort or lighting effect.

**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 all aluminum construction, Specify AL.
- Custom heavy gauge steel housing.

**Finish** - Premium polyester powder coat finish, utilizing a 7-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.

- Custom powder coat colors and textures are available by supplying the RAL number or by supplying a finish sample you wish to match.



Patent Pending

**Ballasts** - All standard ballasts are electronic, energy saving, thermally protected, Class-P, HPF, non-PCB, Sound Rated A, UL/CSA certified where applicable and comply with Ⓢ Federal Ballast Law (Public Law 100-357, 1988). Default ballast configuration is for two-lamp ballasts. A 1.0 ballast factor is standard.

**Electrical** - UL listed wire, rated for required temperatures, used throughout. Luminaire is bi-national listed (UL 1598 and CSA C22.2 No. 250.0-00) and is suitable for damp locations.

**Mounting** - The luminaire may be suspended by chain or cable or may be monopoint mounted with appropriate accessories.

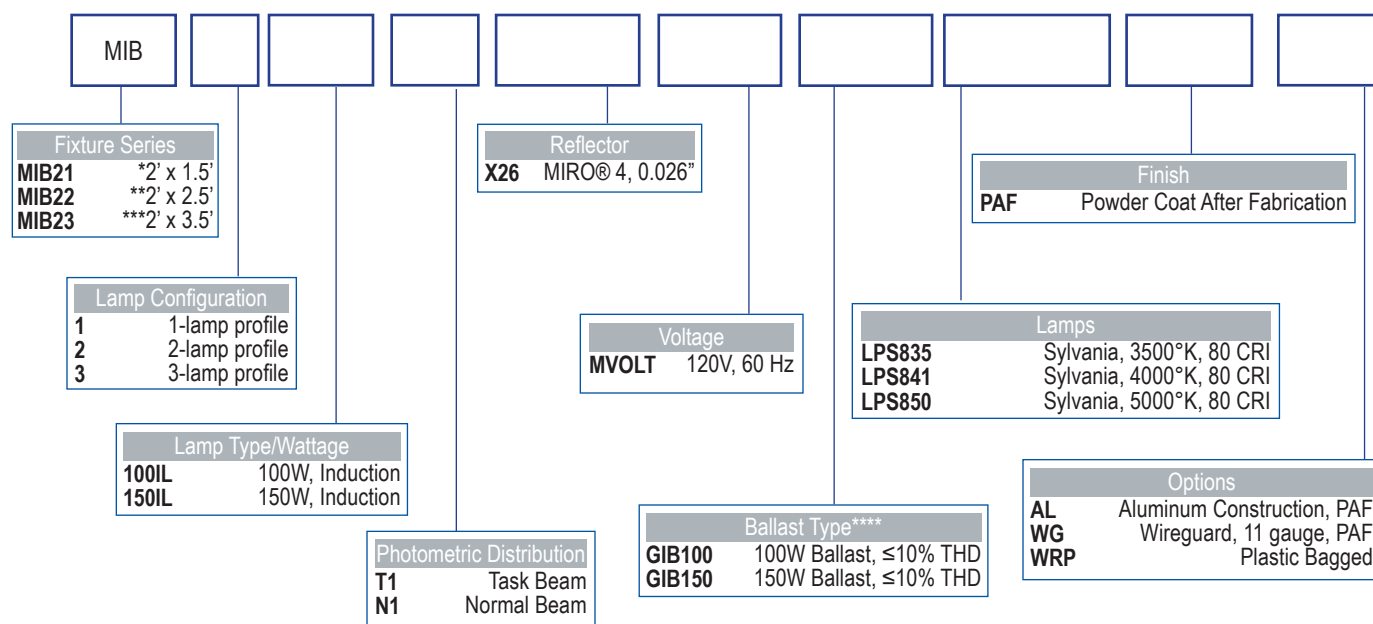
- Custom mounting options are available.
- Accessories are available.

**Lamps** - Factory installed lamps are available.

**Warranty** - Standard 1-year warranty for the fixture. Ballasts carry manufacturer warranties of 3-5 years, depending on the application.

**Custom Requirements** - Consult with your MetalOptics Sales Representatives to develop custom solutions for any application.

## Catalog Logic



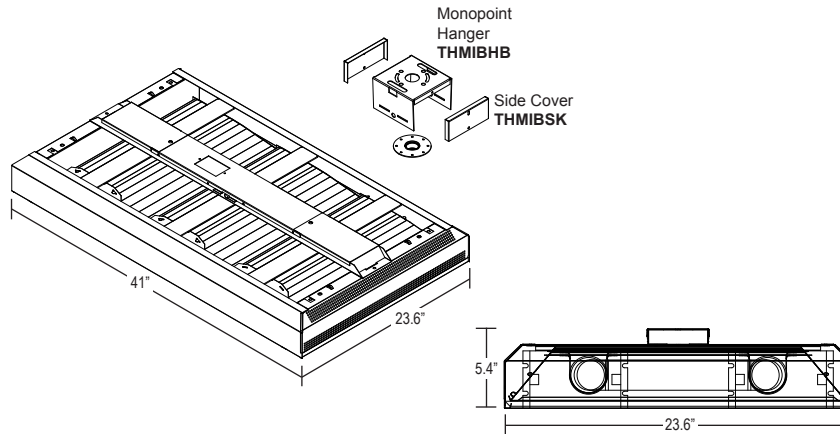
\* Available only with a 1-lamp profile  
 \*\* Available only with a 2-lamp profile  
 \*\*\* Available only with a 3-lamp profile  
 \*\*\*\* See compatibility table on reverse.



## Applications

MetalOptic's MIB series luminaire is the perfect replacement for HID high bay luminaires. It is typically located in retail, warehouse, industrial, commercial and manufacturing areas. The luminaire is designed for large area lighting applications (5,000 - 1,000,000+ sq. ft.) and may be mounted at heights of 30' to 50'+.

## Dimensions



## Ballast/Lamp Configuration

Ballast/Lamp	Initial Lumens (per lamp)
GIB100/LPS835 (100IL)	8000
GIB100/LPS841 (100IL)	8000
GIB100/LPS850 (100IL)	7600
GIB150/LPS835 (100IL)	11,000
GIB150/LPS841 (100IL)	11,000
GIB150/LPS850 (100IL)	10,600
GIB150/LPS835 (150IL)	12,000
GIB150/LPS841 (150IL)	12,000
GIB150/LPS850 (150IL)	11,650

## Additional Options (installed on fixture)

- Motion Sensors
- Reloc
- Cord Sets
- Fusing

## Accessories (order separately)

- Monopoint Hanger, w/ 3/4" KO
- Monopoint Hanger, w/ 3/4" hub
- Side covers for Monopoint Hangers
- Chain Hanger, 36" (2 hangers per kit)
- Safety Chain, 24"
- Aircraft Cable, 2-toggle, 18" legs, 10"

THMIB  
THMIBHB  
THMIBSK  
HSD36  
SCKFV  
MHYTGB10

## Features

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

- Instant on/off control
- Improved horizontal and vertical illumination
- 80 CRI (Icetron) v. 65 CRI (metal halide)
- 70%+ Lumen Maintenance (Icetron) v. 50% Lumen Maintenance (metal halide)
- Long life - up to 100,000 hours
- 76+ maintained Lumens per watt

## Photometrics

SC Across Definitions:

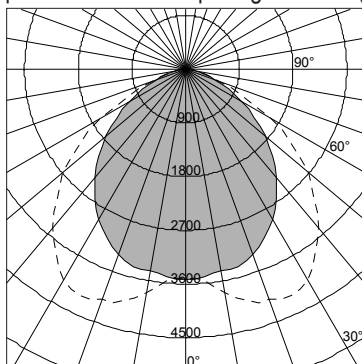
Focus = < 0.9 Spacing Criterion (SC)

Spread = 1.4 to 1.8 Spacing Criterion (SC)

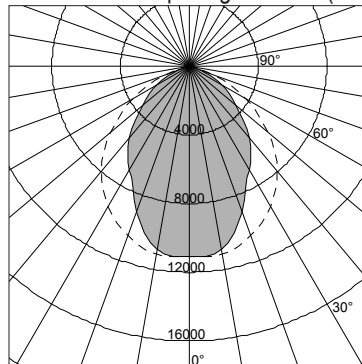
Task = 0.9 to 1.2 Spacing Criterion (SC)

Broad => 1.8 Spacing Criterion (SC)

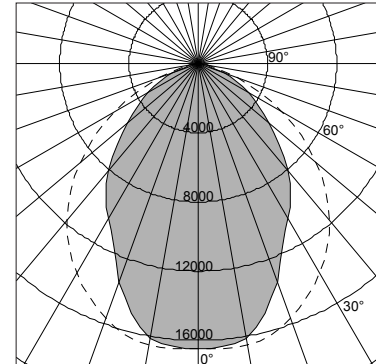
Normal = 1.2 to 1.4 Spacing Criterion



MIB21 150IL S1X32WG  
Test #ABA200733\_S  
Fixture Efficiency: 93.3%  
SC Across: 1.2, SC Along: 1.6



MIB22 2 150IL T1X32  
Test #ABA200735\_S  
Fixture Efficiency: 94.6%  
SC Across: 1.0, SC Along: 1.3



MIB23 3 150IL T1X32  
Test #ABA200736\_S  
Fixture Efficiency: 94.4%  
SC Across: 1.0, SC Along: 1.3

