



|              |         |
|--------------|---------|
| CONTRACTOR:  |         |
| PROJECT:     | DATE:   |
| PREPARED BY: | MODEL#: |

**DESCRIPTION**



**IBLED Series**

The IBLED series LED high bays are ideal for manufacturing, warehousing, commercial and industrial facility lighting applications. The superior design makes it a sturdy, user friendly and easy to install high bay. The patented curved housing helps provide superior light distribution.



**CONSTRUCTION/WARRANTY**

**Intended Use**

Applications include large indoor spaces with mounting heights ranging from 10' - 75'. Luminaire shall be suspended a minimum 18" from ceiling.

**Construction**

The body is constructed of 24 gauge, made in USA commercial grade steel with hot dip galvanized finish (6.5µm on both sides). Wire guard installed as standard to protect LEDs from damage- can be removed after installation.

Finish: Paint after fabrication (PAF) of galvanized body adds high resistance to rust over its lifetime. This also eliminates sharp edges on the body.

**Optics**

Patented design delivers excellent distribution for warehouse applications. Semi-diffused lens optional to provide glare control and LED protection.

**Electrical**

70% lumen maintenance at >60,000 hours; predicted life of more than 100,000 hours. Long-life LEDs PCB mounted, coupled with high-efficiency drivers, provide extended service life. Thermally protected driver standard.

**Dimming**

LED drivers deliver dimming from a 0-10V control signal. Requires separate 0-10V DC dimming circuit. Dims down to 0% light output.

**Installation**

Suitable for suspension by chain, cable, surface-mounting bracket, V-hook or single (pendant) point. Surface mounting not recommended without optional surface mounting bracket.

To maintain ambient listing, fixture should be mounted at a minimum plenum height of 18".

**Listings**

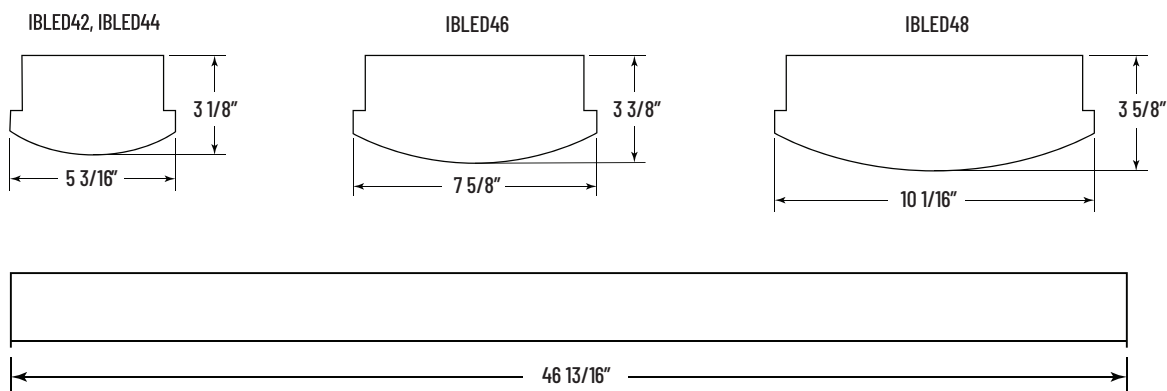
UL listed to US and Canadian safety standards. Damp location listed. Suitable for use in an indoor conditioned space.

**Warranty**

Guaranteed for five years from the purchase date of the product, against mechanical defects in manufacturing.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

**LINE DRAWINGS**



APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION



|              |         |
|--------------|---------|
| CONTRACTOR:  |         |
| PROJECT:     | DATE:   |
| PREPARED BY: | MODEL#: |

**ORDERING INFORMATION**

Example: IBLED44-150D1L840

| SERIES                       | SIZE & LUMENS                | VOLTAGE                              | # OF DRIVERS    | CRI                  | COLOR TEMP                   | OPTIONS  | EMERGENCY   | FINISH  |
|------------------------------|------------------------------|--------------------------------------|-----------------|----------------------|------------------------------|--|---|---|
| IBLED                        | [23-150] : 2ft, 15000 Lumens | [D] : 120-277VAC<br>[E] : 277-480VAC | [1] : 1 Driver  | [L8] : CRI<br>+/- 80 | [40] : 4000K<br>[50] : 5000K | [BLANK] : No Option<br>[OS] : Occupancy sensor<br>[LF1] : Frosted Lens<br>[LL1] : Polycarb Lens<br>[PD] : Pendant Mount<br>[HT] : Hanging Triangle<br>[W6-3] : Flex Whip-6' 3 Wire**<br>[W6-515] : Cord-6' SJ-515 Plug** | [BLANK] : No Option<br>[EM] : 10%<br>Emergency<br>back-up | [BLANK] : White<br>[BK] : Black<br>[RAL] : Custom<br>Color* |
|                              | [26-270] : 2ft, 27000 Lumens |                                      |                 |                      |                              |  |   |   |
|                              | [42-100] : 4ft, 10000 Lumens |                                      |                 |                      |                              |  |   |   |
|                              | [44-150] : 4ft, 15000 Lumens |                                      | [2] : 2 Drivers |                      |                              |  |   |   |
|                              | [44-200] : 4ft, 20000 Lumens |                                      |                 |                      |                              |  |   |   |
|                              | [44-250] : 4ft, 25000 Lumens |                                      |                 |                      |                              |  |   |   |
|                              | [44-270] : 4ft, 27000 Lumens |                                      |                 |                      |                              |  |   |   |
|                              | [46-350] : 4ft, 35000 Lumens |                                      | [3] : 3 Drivers |                      |                              |  |   |   |
|                              | [48-450] : 4ft, 45000 Lumens |                                      | [4] : 4 Drivers |                      |                              |  |   |   |
| [48-500] : 4ft, 50000 Lumens |                              |                                      |                 |                      |                              |  |   |   |

\* MOQ Required, contact factory for details.  
\*\* Other whip, cord and plug options available, contact factory for details.

**LIGHTING & ELECTRICAL SPECIFICATIONS**

| SERIES                    | DELIVERED LUMENS | LPW    | POWER CONSUMPTION (WATTS) |
|---------------------------|------------------|--------|---------------------------|
| [24-150D1]: 2ft, 15,000Lm | 14,406           | 147    | 98                        |
| [26-270D1]: 2ft, 27,000Lm | 27,524           | 145.87 | 188                       |
| [44-200D2]: 4ft, 20,000Lm | 19,874           | 166    | 116                       |
| [44-250D2]: 4ft, 25,000Lm | 24,082           | 151    | 158                       |
| [44-200D2]: 4ft, 20,000Lm | 19,372           | 166    | 116                       |
| [44-270D2]: 4ft, 27,000Lm | 27,102           | 151.22 | 152                       |
| [46-350D3]: 4ft, 35,000Lm | 35,658           | 155.44 | 229                       |
| [48-450D4]: 4ft, 45,000Lm | 44,686           | 162    | 275                       |
| [48-500D4]: 4ft, 50,000Lm | 49,749           | 157    | 315                       |

APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION



|              |         |
|--------------|---------|
| CONTRACTOR:  |         |
| PROJECT:     | DATE:   |
| PREPARED BY: | MODEL#: |

**DRIVER INFORMATION**

**ELECTRICAL SPECIFICATIONS**

| Input                           |          |
|---------------------------------|----------|
| Frequency Range (Hz)            | 50-60 Hz |
| Efficiency @ Full Load          | >87      |
| Power Factor @ Full Load        | >0.9     |
| Output                          |          |
| Dimming Control 0-10V           | 0-100%   |
| Over Voltage Protection         | YES      |
| Over Load Protection            | YES      |
| Over Temperature Protection     | YES      |
| Output Short-Circuit Protection | YES      |

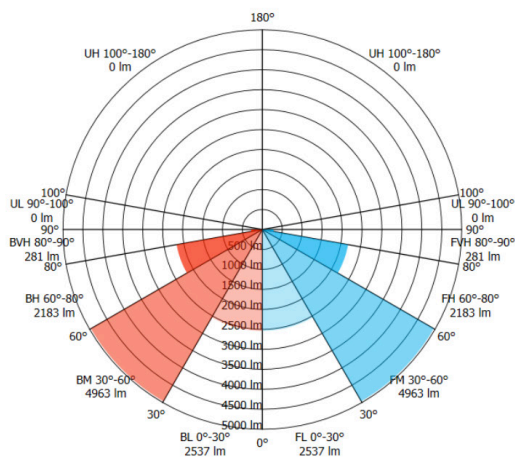
**ENVIRONMENTAL SPECIFICATIONS**

|                               |                                     |
|-------------------------------|-------------------------------------|
| Ambient Operating Temperature | -22°F to 104°F                      |
| Listings                      | Suitable for Dry and Damp Locations |

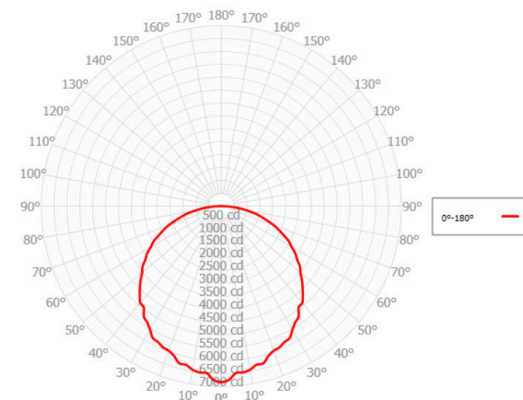
**PHOTOMETRIC REPORTS**

**IBLED43-200D1L840**

**IES TM-15-11 BUG Ratings**



**Candela Polar Plot**



APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION



|              |  |         |  |
|--------------|--|---------|--|
| CONTRACTOR:  |  | DATE:   |  |
| PROJECT:     |  | MODEL#: |  |
| PREPARED BY: |  |         |  |

**ACCESSORIES MECHANICAL/OPTICAL**



**Wire Guard**  
Comes standard



**Polycarb Lens**



**Frosted Lens**

**Wire Guards and Lenses**

| MODELS             | FROSTED LENS       | POLYCARB LENS            |
|--------------------|--------------------|--------------------------|
| IBLED42<br>IBLED44 | IBLED4-LF1         | IBLED4-LL1               |
|                    | <p><b>Lens</b></p> | <p><b>Wire guard</b></p> |
| IBLED46            | IBLED6-LF1         | IBLED6-LL1               |
|                    | <p><b>Lens</b></p> | <p><b>Wire guard</b></p> |
| IBLED48            | IBLED8-LF1         | IBLED8-LL1               |
|                    | <p><b>Lens</b></p> | <p><b>Wire guard</b></p> |


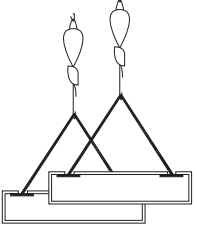


APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION



|              |         |       |
|--------------|---------|-------|
| CONTRACTOR:  |         | DATE: |
| PROJECT:     | MODEL#: |       |
| PREPARED BY: |         |       |

**ACCESSORIES**

**Sold Separately**

|  |                                 |                                 |   |
|--|---------------------------------|---------------------------------|---|
| <b>Aircraft Cable Hangers</b>  | 10 FT                           | TAMGRIP-10FT-KIT<br>(0553-3296) |    |
|  | 30 FT                           | HB-2PK-30FT<br>(0539-1045)      |   |
| <b>High Bay V-Hangers</b><br><br>Single point suspension that allows two points to be suspended. Two legs improve center of gravity and increases stability. Ideal for services that require maintenance.  | N/A                             | HB-4L-VHANGER<br>(0392-3559)    |    |
|  | N/A                             | HB-6L-VHANGER<br>(0322-9989)    |   |
| <b>Pendant Mount Splice Box</b><br><br>Single point hanging box splice box with 3/4" NPT mount with up to 1-1/2" off center balance adjustment.<br><br><b>Dimensions:</b> 2-3/16" x 4-1/2" x 4-1/2"  | PD-SPLICEBOX<br>(0296-0937)     |                                 |   |
| <b>Surface Mount Bracket</b><br><br><b>Material:</b> 24 gauge hot dipped galvanized steel.<br><br><b>Finish:</b> Powder Coat paint after fabrication of the galvanized bracket also means that this fixture is highly resistant to rust over its lifetime. | IBLED24, IBLD26                 | TW-IB82-KIT<br>(0607-5033)      |  |
|  | IBLED42, IBLD43, IBLD44, IBLD46 | TW-IB4-KIT<br>(0587-5365)       |   |
|  | IBLED48                         | TW-IB8-KIT<br>(0587-5368)       |   |

**SENSOR OPTIONS**

**Occupancy Sensor**

OSFHU Passive Infrared Fixture Mount High Bay Occupancy Sensor