The LED IB Series High Bay features a lightweight, low-profile design that provides exceptional light distribution for mounting heights up to 60 feet.

This durable, robust fixture efficiently delivers over 130 LPW of bright, white, uniform light to maximize energy savings and utility rebates. The long 50,000 hour rated life significantly decreases maintenance, labor, and material costs over the life of the fixture.

A 0-10V dimming driver comes standard, enabling easy integration with a variety of controls options.

**Reasons to choose the LED IB Series High Bay from TCP**

- Energy efficient – Up to 70% energy savings compare to HID
- Smooth, uniform dimming (0-10V)
- Instant on, no warm up time for full light
- Long life: 50,000 hours
- Replaces traditional metal halide and linear fluorescent high bay systems
- Durable 22 gauge housing is code grade steel

**Ideal Applications**

- Warehouse & Distribution Centers
- Commercial Facilities
- Aisles (Open & Stock)
- Retailers
- Schools & Municipalities
- Field houses & Gymnasiums
- Open Ceiling Designs
Specifications

Input Line Voltage ................................................... 120-277 VAC
Input Line Frequency [Hz] ........................................... 50/60HZ
Wattage (W)
 IB2 ....................................... 90W/105W/150W/175W/210W
 IB3 ........................................ 310W
 IB4 .......................................... 410W
Lumens (L)
 IB2 ........................................ 11,700L/13,650L/19,500L/22,750L/27,300
 IB3 .................................... 40,300L
 IB4 .................................... 53,300L
Rated Life ........................................... 50,000 hours
Minimum Starting Temperature ...................... -20°C (-4°F)
Maximum Operating Temperature ............ 40°C (104°F)
CRI ........................................... >80
Power Factor .................................... >90%
THD ........................................... <20%
Ratings ........................................... UL/cUL rated, RoHS
Controls ........................................ 0-10V dimming (standard)

Replacement Strategy

<table>
<thead>
<tr>
<th>SYSTEM</th>
<th>INPUT WATTS*</th>
<th>LED ENERGY SAVINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCP LED Linear High Bay - 13,500 lumens</td>
<td>105</td>
<td>–</td>
</tr>
<tr>
<td>250W Metal Halide 20 Lamp T8 HB</td>
<td>295</td>
<td>64%</td>
</tr>
<tr>
<td>6 Lamp T8 HB</td>
<td>220</td>
<td>52%</td>
</tr>
<tr>
<td>4 Lamp T5 HO</td>
<td>249</td>
<td>58%</td>
</tr>
<tr>
<td>TCP LED Linear High Bay - 27,300 lumens</td>
<td>210</td>
<td>–</td>
</tr>
<tr>
<td>8 Lamp T5 HO</td>
<td>482</td>
<td>56%</td>
</tr>
<tr>
<td>400W Metal Halide 10 Lamp T8 HB</td>
<td>458</td>
<td>54%</td>
</tr>
<tr>
<td>10 Lamp T8 HB</td>
<td>366</td>
<td>43%</td>
</tr>
</tbody>
</table>

*Approximate lumen output. Actual performance may vary based on CCT, options selected and end user application.
*Actual wattage may differ by +/- 10%.

NOTE: Charts show system lumens (delivered lumens), NOT straight lamp lumen output. This is calculated as follows:
System lumens = mean lumens x # lamps x ballast factor x luminaire efficiency factor
Applications

The TCP LED IB Series High Bay is ideal for replacing traditional metal halide and linear fluorescent high bay systems. Benefits include high efficiency, excellent color rendering, long life, instant on, and improved uniformity. Suggested mounting heights up to 60’ with primary applications including warehousing, commercial facilities, manufacturing facilities, open and stack aisle applications.

Construction

- Housing: durable 22 gauge steel
- Finish: powder coated, post-painted white
- Large wiring compartment and multiple knock-outs to accommodate lighting controls
- Lightweight, low-profile design
- V hangers included
- 5ft hanging chain included

Electrical

- cULus damp location rated
- 0-10V dimming driver (standard)
- Easy-to-access wiring compartment
- System rated for long 50,000 hour life
- Efficiently delivers >130 LPW

Optics

- High impact, frosted white acrylic lens comes standard to protect the LEDs and minimize glare
- Delivers bright, white light and excellent uniformity

Catalog Ordering Matrix

<table>
<thead>
<tr>
<th>FAMILY</th>
<th>VOLTAGE</th>
<th>CONTROLS/DIMMING</th>
<th>LUMEN PACKAGE (Power)(^2)</th>
<th>COLOR TEMPERATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>A2 – 19,500 lumens (150W) E2 – 22,750 lumens (175W)</td>
<td>50K – 5000K</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>A3 – 27,300 lumens (210W)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>E3 – 37,000 lumens (250W)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10C</td>
<td>10' PCord 277V SJTOOW NO PLUG</td>
</tr>
<tr>
<td>LS1</td>
<td>Leviton Occupancy Sensor w/ bracket and interchangeable lenses, 40’ or less, 120V, 277V, or 347V</td>
</tr>
<tr>
<td>LS1D</td>
<td>Leviton Occupancy Sensor w/ Daylight Harvesting – PIR, 40’ or less, 120V, 277V</td>
</tr>
</tbody>
</table>

1 IESNA TM-21-11 projected value based on 6X IESNA LM-80-08 total test duration of 6,000 hours.
2 IESNA TM-21-11 calculated value exceeds 6X IESNA LM-80-08 total test duration of 6,000 hours.

Accessories:

- Leviton Occupancy Sensor w/ interchangeable lenses
- Leviton Occupancy Sensor w/ Daylight Harvesting – PIR

For the most up-to-date specs and warranty information, please visit www.tcpi.com
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Lumen Maintenance Factor (LMF)

<table>
<thead>
<tr>
<th>Item #</th>
<th>36,000 hours1</th>
</tr>
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<tbody>
<tr>
<td>IB3UZDA4</td>
<td>91.40%</td>
</tr>
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Catalog Ordering Matrix
Example: IB3UZDA350K

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<tr>
<th>IB</th>
<th>ZD</th>
<th>A3</th>
<th>Lumen Maintenance Factor (LMF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAMILY</td>
<td>VOLTAGE</td>
<td>CONTROLS/DIMMING</td>
<td>LUMEN PACKAGE (Power)1/2</td>
</tr>
<tr>
<td>IB3 – LED Linear High Bay</td>
<td>U – 120V - 277V</td>
<td>ZD – 0-10V Dimming</td>
<td>A4 – 40,300 lumens (310W)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>COLOR TEMPERATURE</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>40K – 4000K</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50K – 5000K</td>
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Lumen Maintenance

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<th>Lumen Maintenance Factor (LMF)(^1)</th>
<th>Item #</th>
<th>36,000 hours(^1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IB4UZDAS5</td>
<td></td>
<td>91.40%</td>
</tr>
</tbody>
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\(^1\) IESNA TM-21-11 projected value based on 6X IESNA LM-80-08 total test duration of 6,000 hours.

Catalog Ordering Matrix

Example: IB4UZDA350K

<table>
<thead>
<tr>
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<th>ZD</th>
<th>A3</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAMILY</td>
<td>VOLTAGE</td>
<td>CONTROLS/DIMMING</td>
</tr>
<tr>
<td>IB4 – LED Linear High Bay</td>
<td>U – 120V - 277V</td>
<td>ZD – 0-10V Dimming</td>
</tr>
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<td></td>
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Accessories:

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Dimensions and Mounting Data

IB2UZDA**XXK

IB3UZDA**XXK

IB4UZDA**XXK