Ultra-High Lumen
LED High Bays

Standard Features
- High performance SMD design
- Efficacy up to 160lm/W
- Electrical: 100-240Vac/100-277Vac/377-488Vac, 50-60Hz, PF≥0.93
- LED Lifespan > 50,000 hours (T-tau=30°C, U-70)
- Energy savings up to 90%, depending on installation and usage patterns
- CCT: 3000K, 4000K, 5000K
- CRI: Ra70, Ra80 optional
- 0-10V dimming control
- Superior uniformity
- Superior temperature stability
- Temperature tested at toughest conditions
- Meanwell driver
- Tempered safety glass diffuser
- Operating range: -30 to +50°C
- Cast aluminum alloy body
- Stainless steel screws
- IP65 protection rating
- 5 years warranty

Optional Extras
- Occupancy Control
- DALI Control
- Zigbee Wireless Control
- Daylight Sensor Control
- Alternative mounting brackets

Control Options
Add to the product part numbers to include these control options:
- Occupancy Control
- DALI Control
- 0-10V Dimming Control
- Zigbee Wireless Control
- Daylight Sensor Control

Photometric Diagrams

Mounting Options

Product Range

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Lumen Output (lm)</th>
<th>Wattage</th>
<th>Luminous Efficacy (lm/W)</th>
<th>CCT</th>
<th>CRI</th>
<th>Beam Angle</th>
<th>Input Voltage</th>
<th>IP Rating</th>
<th>LED Driver</th>
<th>HID Equivalent</th>
<th>Certification</th>
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<tbody>
<tr>
<td>H19601</td>
<td>9,800</td>
<td>70 W</td>
<td>130 lm/W</td>
<td>2700K</td>
<td>Ra80</td>
<td>H20 23°, H20 20°, H20 17°</td>
<td>100-240Vac/100-277Vac/377-488Vac, 50-60Hz, PF≥0.93</td>
<td>IP65</td>
<td>Meanwell</td>
<td>120-180W</td>
<td>CE, CB, SAA, ETL, IC, RAUS, EMF, CE, CR, SABS, SASO, ENEC, GS, DMARK, SASO, EMC, PSE</td>
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<tr>
<td>H25201</td>
<td>16,000</td>
<td>100W</td>
<td>140 lm/W</td>
<td>2700K</td>
<td>Ra80</td>
<td>H25 24°, H25 20°, H25 17°</td>
<td>100-240Vac/100-277Vac/377-488Vac, 50-60Hz, PF≥0.93</td>
<td>IP65</td>
<td>Meanwell</td>
<td>150-200W</td>
<td>CE, CB, SAA, ETL, IC, RAUS, EMF, CE, CR, SABS, SASO, ENEC, GS, DMARK, SASO, EMC, PSE</td>
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<td>H25202</td>
<td>19,200</td>
<td>120W</td>
<td>160 lm/W</td>
<td>2700K</td>
<td>Ra80</td>
<td>H25 24°, H25 20°, H25 17°</td>
<td>100-240Vac/100-277Vac/377-488Vac, 50-60Hz, PF≥0.93</td>
<td>IP65</td>
<td>Meanwell</td>
<td>200-250W</td>
<td>CE, CB, SAA, ETL, IC, RAUS, EMF, CE, CR, SABS, SASO, ENEC, GS, DMARK, SASO, EMC, PSE</td>
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<tr>
<td>H25203</td>
<td>24,000</td>
<td>150W</td>
<td>180 lm/W</td>
<td>2700K</td>
<td>Ra80</td>
<td>H25 24°, H25 20°, H25 17°</td>
<td>100-240Vac/100-277Vac/377-488Vac, 50-60Hz, PF≥0.93</td>
<td>IP65</td>
<td>Meanwell</td>
<td>250-300W</td>
<td>CE, CB, SAA, ETL, IC, RAUS, EMF, CE, CR, SABS, SASO, ENEC, GS, DMARK, SASO, EMC, PSE</td>
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Ultra-High Lumen Series

The high performance, high efficiency, LED High Bay with ELEDLIGHTS’ quality guaranteed.

The move to LED highbays is on. The energy savings and maintenance benefits are significant, especially if you choose the right luminaire. Here’s why ELEDLIGHTS’ Ultra-High Lumen Series is the right choice.

Design innovation
ELEDLIGHTS’ Ultra-High Lumen Series represents an innovation breakthrough in LED high bay lighting. Thinking outside the box, our designers have rejected COB for a smarter SMD design providing a smaller, lighter, and more powerful solution.

Exceptional performance
A long maintenance free life is a hallmark of LED, and thermal management governs LED life. Superior temperature management, supported by the use of under driven, high specification components means our product performs in even the toughest conditions.

Reliability guaranteed
Inherent reliability is ensured by rigorous production line inspection and testing, and thorough burn-in procedures. A five-year warranty is standard.

Immediate Availability
ELEDLIGHTS maintains substantial inventory at both our 20,000 sq. ft. warehouses in Huntingdon Valley, PA and San Diego, CA. Most orders ship free within 24 hours.

Product selection – forget the guess work
Correct product selection is vital for the best lighting and financial outcomes. Don’t wrestle with the direct equivalent dilemma. Contact us at lights@eledlights.com and request a photometric simulation for your installation. Send us the details and we’ll provide a detailed recommendation, or a recommendation you can be certain will provide the required uniformity and foot-candle levels. Technical Data Sheets and IES photometry files are also available on request.

Superior payback, long term asset
The expense of a quality LED solution can often be recovered in a little as two years depending on usage patterns and power prices. From that point forward, the savings go straight to the bottom line. Those savings continue for many years, theoretically, as long as 23 years for a typical business profile. Send us the details and we’ll provide an ROI estimate it for you.

A full range of options
Our Ultra High Lumen High Bays are available from 6,250lm to more than 45,000lm to match almost any application, each one rated IP65. Standard beam angle is 120 degrees, but these can easily be changed by swapping the glass diffuser with a variety of focusing lenses. Other options include occupancy control, DALI, ZigBee, and daylight sensor control.

Superior thermal management
An even heat distribution and lower temperature rise.

Superior lighting performance
Outperforms conventional LED high bay designs.

150W
- 312 lux working plane
- 199 lux working plane
- 0.650 Uniformity
- 0.394 Uniformity

Other LED 150W
- 312 lux working plane
- 199 lux working plane
- 0.650 Uniformity
- 0.394 Uniformity

Room width 100m - Room length 100m - Room height 10m
Fixture Qty 225 pcs; Fixture spacing 6.7m