LED High-Bay Plus
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The high performance, high efficiency, guaranteed quality LED high-bay

Not only LED High-Bay Lights consume less electricity but they also have many other advantages like:
• Less frequent maintenance, “no if” needed
• Working cooler to prevent increased electricity bill
• Prevents noise in line
• Prevents hum known in old version of Luminaires

The right solution
LUMO High-Bay Plus is an innovation in LED High-Bay lighting considering better performance of using SMD design instead of COB LED Luminaires. LUMO High-Bay Plus is small in size but more powerful in illuminating your warehouses.

Reliability
Warehouses Lighting Maintenance is called “the maintenance nightmare” but with our High-Bay Plus you will get rid of this nightmare forever. This light can last for long period of time and you do not need to worry about annual maintenance charges.

Reliability guaranteed
Our High-Bay Plus has passed all the quality assurance tests. So we can proudly give you a 7 years warranty meaning you do not need to worry about any manufacturing defection during this period.

Availability
LUMO is one of the companies who always has stock. For more information about any product availability, please feel free to contact us.

Product selection – Forget the guess work
Correct product selection is a vital aspect for the best lighting designers. Don’t waste your time with try and error, contact us and request a photometric simulation for your project. Insert the details and we’ll send you a detailed recommendation. With a recommendation you will certainly be able to provide the required uniformity and lux levels to the project. Technical Data Sheets and IES photometry files are also available on request.

Superior return on investment
The expense of a high quality LED solution can be easily recovered in two years depending on usage and power and period of consumption rate. Those savings continue for many years.
For more information please ask one of our sales representatives to do an ROI for your project.

LUMO High-Bay Plus, the range, the options
LUMO High-Bay Plus Lumen output varies from 6,250lm to more than 40,500lm, to match almost any application. The standard beam angle of this solution is 120°, 90°, 60° and 50° according to your demand. Other options include: Occupancy control, DALI and 1-10V dimming, ZigBee, Daylight Sensor Control can be provided as an option. Occupancy Control can increase energy savings to as high as 70%.
Specifications

- High performance SMD design
- Efficacy up to 150lm/W
- Electrical: 100-240Vac/100-277Vac/277-488Vac, 50-60Hz, PF≥0.93
- LED Lifespan > 50,000 hours (Ta=30℃)
- Energy savings up to 90%, (depending on installation and usage patterns)
- CCT: 5000K, 4000K, 3000K
- CRI > Ra70 (CRI > Ra80 optional)
- Beam angle: 30°, 50°, 60°, 90° and 120° optional.
- Superior uniformity
- Superior temperature stability
- Temperature tested at toughest conditions
- Meanwell driver
- Tempered safety glass diffuser
- Operating range -30℃~+60℃
- Body: Aluminium alloy
- Stainless steel screws
- IP65 protection rating
- 7 years warranty

Additional Options

- Occupancy Control
- DALI Control
- ZigBee Wireless Control
- 1-10V dimming control
- Daylight Sensor Control
- Alternative mounting brackets

ISO9001: 2008

All the info here is only for reference, please confirm with our sales before ordering.

Thermal management

All electrical devices and circuitry generate excess heat and thus require thermal management to improve reliability and prevent premature failure. The amount of heat output is equal to the power input if there is no other energy interaction. We have overcome this challenge using streamlined heat sink with 100% aluminum for maximum heat dissipation.

Superior lighting performance

Outperforms conventional
LED high bay designs

<table>
<thead>
<tr>
<th>Our LED High-Bay Light 150W</th>
<th>Other LED 150W</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Lighting Performance" /></td>
<td><img src="image2" alt="Lighting Performance" /></td>
</tr>
<tr>
<td>312 lux working plane</td>
<td>199 lux working plane</td>
</tr>
<tr>
<td>0.650 Uniformity</td>
<td>0.394 Uniformity</td>
</tr>
</tbody>
</table>

Room width 100m  Room length 100m  Room height 10m
Fixture Qty 225pcs Fixture spacing 6.7m
## Product Range

<table>
<thead>
<tr>
<th>Part Number</th>
<th>LU050RD-HB02</th>
<th>LU070RD-HB02</th>
<th>LU090RD-HB02</th>
<th>LU100RD-HB02</th>
<th>LU120RD-HB02</th>
<th>LU150RD-HB02</th>
<th>LU200RD-HB02</th>
<th>LU240RD-HB02</th>
<th>LU300RD-HB02</th>
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<tbody>
<tr>
<td>Lumen Output</td>
<td>6,250lm</td>
<td>8,750lm</td>
<td>11,700lm</td>
<td>13,000lm</td>
<td>15,600lm</td>
<td>19,500lm</td>
<td>26,000lm</td>
<td>32,400lm</td>
<td>40,500lm</td>
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<tr>
<td>Wattage</td>
<td>50W</td>
<td>70W</td>
<td>90W</td>
<td>100W</td>
<td>120W</td>
<td>150W</td>
<td>200W</td>
<td>240W</td>
<td>300W</td>
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<tr>
<td>Luminous Efficacy</td>
<td>125lm/W</td>
<td>150lm/W</td>
<td>130lm/W</td>
<td>130lm/W</td>
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<tr>
<td>CCT</td>
<td>3000K, 4000K, 5000K</td>
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<tr>
<td>CRI</td>
<td>&gt;Ra80</td>
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<tr>
<td>Beam Angle</td>
<td>90°, 120°</td>
<td>50°, 90°, 120°</td>
<td>60°, 90°, 120°, 30°(300W)</td>
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<tr>
<td>Input Voltage</td>
<td>100-240Vac/100-277Vac 50-60Hz PF≥0.93</td>
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<td>IP Rating</td>
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<td>LED Driver</td>
<td>Meanwell</td>
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<tr>
<td>HID Equivalent</td>
<td>120W</td>
<td>160W</td>
<td>230W</td>
<td>250W</td>
<td>250W - 400W</td>
<td>400 - 600W</td>
<td>700W</td>
<td>250W</td>
<td>250W - 400W</td>
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<tr>
<td>Certification</td>
<td>CE, CB, SAA, DLC, RoHS, ENEC, GS, DMARK, SASO, EMC, UL</td>
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## Control Options

- Occupancy Control
- DALI Control
- 1-10V Dimming Control
- Zigbee Wireless Control
- Daylight Sensor Control

## Photometric Diagrams

- H19601
- H25201
- H25202
- H25203
- H53201
- H53202
- H53203

## Mounting Options