HIGH TEMPERATURE SOLUTION

OHL SERIES
LED HIGH BAY LIGHT
UP TO 540W REPLACEMENT
POWER: 100W, 150W

EXPERTS WITH PROFESSIONAL SOLUTION
**SPECIFICATIONS & FEATURE**

**oHL series** is designed for indoor and industrial lighting, a superior high efficiency LED High Bay light, featuring a unique optical design that virtually eliminates glare with minimal impact on performance. As a lighting solution for gyms, industrial, churches and retails etc.

**CONSTRUCTION**
- Housing: Die cast aluminum.
- Light engine is thermally isolated from driver components.
- Aluminium body with epoxy paint.
- Installation: Fixture hook come as standard, pendant mount from 3/4" threaded conduit optional.
- Symmetrical for easy one-for-one replacement of existing high bays.
- Integrated motion sensor and wireless control optional.

**OPTICAL / ELECTRICAL**
- Precision engineered individual lenses made of toughened glass for maximum light intensity.
- Distribution: 110°.
- -40°C to 65°C (-40°F to 149°F) operating temp range.
- 100-277V operation 50/60HZ standard, 200-480V 50/60HZ optional.
- 1-10V dimming driver standard, DALI, ZIGBEE dimming optional.
- Lifetime: >90000 hours - L70, @25°C.

**UNIFIED GLARE RATING**
- Glare has always been a concern with LED products and it has got increasingly more attention with higher output fixtures. The standard low glare shield block lights outside of the main beam, so from other viewing angles the fixture virtually disappears. The low glare shields were also design to have minimum impact on the total light output.
- UGR rate <22

**FINISH**
- Rugged, weather-tight design and 3G Vibration ratings ensure durability even in harsh environments.
- IP66 Waterproof Rating

**LED**
- LPW (Lumens/watt): up to 150lm/w
- 3000K, 4000K, 5000K, 5700K, 6500K CCT
- Minimum CRI of 70 and 80 optional

**FIXTURE DIMENSIONS (MM)**

![Diagram of fixture dimensions](image)
**LED HIGH BAY LIGHT**

**TECHNICAL SPECIFICATIONS @5000K**

<table>
<thead>
<tr>
<th>Model</th>
<th>Watts</th>
<th>LED Chips</th>
<th>Efficacy</th>
<th>CRI</th>
<th>Replace MHL</th>
<th>NW</th>
<th>Fixture Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>AOK-100WohL</td>
<td>100W</td>
<td>Lumileds 3030</td>
<td>150lm/w</td>
<td>Ra&gt;70</td>
<td>300W</td>
<td>5.8KG</td>
<td>φ400<em>463mm (φ15.75</em>18.23 inches)</td>
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**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>AOK</th>
<th>Watts</th>
<th>Voltage</th>
<th>LED Chips</th>
<th>Type of Sensor</th>
<th>CCT &amp; CRI</th>
<th>Distribution</th>
<th>Mount</th>
<th>Option</th>
<th>Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100W</td>
<td>L1=LUMILED53030</td>
<td>L2=LUMILED55050</td>
<td>00: Without Sensor</td>
<td>3000K: 80CRI</td>
<td>110D=110DEG</td>
<td>Hook Mount</td>
<td>Chain Mount</td>
<td>BK=Black</td>
</tr>
<tr>
<td></td>
<td>150W</td>
<td>L3=LUMILED53030</td>
<td>L5=LUMILED55050</td>
<td>5N: Motion Sensor</td>
<td>4000K: 80CRI</td>
<td>5760: 3700K: 80CRI</td>
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**OUTLOOK**

**PHOTOMETRY**

*Luminous Intensity Distribution Diagram*

*CO Plane Angle Diagram (Unit: 1m)*

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**AOK**

Quality, Honesty, Service and Innovation

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5-year standard warranty, 10-year warranty optional. Please consult with AOK sales for detailed agreement.