INSTRUCTION MANUAL
HIGH AND LOW BAY LIGHTING - EU

Model Versions AQLBH******-EU and AQHBH******-EU

Model Versions AQLBB******-EU and AQHBB******-EU
1. Introduction

Congratulations on purchasing a state of the art lighting fixture. This fixture uses LED technology to illuminate industrial areas effectively, whilst minimising maintenance and power consumption.

Every element of this fixture is optimised to generate greater efficiency than that offered by conventional solutions, including metal halide and T5 fluorescent.

2. Installation

To avoid the risk of electric shock, fire or explosion, this fixture should be installed by a qualified electrician in accordance with all applicable electrical codes.

CAUTION: RISK OF ELECTRIC SHOCK. Make sure that the electrical power supply is turned off during installation.

CAUTION: RISK OF ELECTRIC SHOCK. This fixture must be connected to a wiring system with an earth/ground conductor.

CAUTION: RISK OF PREMATURE FAILURE. Make sure that the supply voltage is the same as the rated fixture voltage.

CAUTION: RISK OF PREMATURE FAILURE. Operation of the fixture in areas where the ambient temperature exceeds the maximum rated operating temperature will reduce the lifetime of the fixture.

CAUTION: RISK OF PREMATURE FAILURE. To ensure adequate cooling air circulation, do not install the fixture in a confined space.

The recommended installation heights are: Low Bay < 6m and High Bay 6-12m.

Hook Mount

The fixture must be vertically suspended. The method of suspension (chain etc) must be able to support at least 5 times the total weight of the fitting. Do not install where wind will make the fitting swing about, causing wear and tear of attachment points. Fixtures should be installed where access for maintenance is practical and in accordance with any lighting design information provided for the installation.
Electrical Connection

Connect power cable conductors as follows:

- BROWN WIRE, labelled ‘L’, connects to LIVE.
- BLUE WIRE, labelled ‘N’, connects to NEUTRAL.
- GREEN/YELLOW wire, labelled ‘️’, connects to EARTH / GROUND.

The High Bay is not equipped with a terminal block. For installation, please get professional assistance.

- Terminal Block Specification

  (a) Rated Voltage: 250V or above
  (b) Rated Power: 10A or above
  (c) 3 way bolt fastening type

- After connecting power line to the terminal block, ensure that the power line makes secure contact with the fastening bolt or clamp and the power line is securely fastened.
Bracket Mount

The bracket is provided separately to the fitting together with two M8 fixing bolts. Fix the bracket to the fitting using the two bolts provided. Tighten the bolts to a torque of 10-12 Nm.

The bracket is fixed to the wall or ceiling using the 4 mounting holes provided.

Please Note: It is the responsibility of the installer to ensure that appropriate hardware is used to fix the bracket.
3. Maintenance

**CAUTION: RISK OF ELECTRIC SHOCK.** No user serviceable parts inside the fixture. Removal of the lens will void the warranty.

The lens must be cleaned periodically to ensure continued photometric performance. The lens can be cleaned with mild soap of liquid cleaner. Do not use an abrasive, strong alkaline, alcohol or acid cleaner as damage may occur.

Check the housing cooling fins to ensure they are free from obstruction of contamination such as excessive dust build up. Clean with a non-abrasive cloth if needed.

4. Model Numbering

**AQXBYZZAABB-EU**

X indicates the optical configuration; L for Low Bay or H for High Bay;

Y indicates the mounting kit supplied; H for Hook Mount and B for Bracket Mount,

ZZZ indicates the electrical power consumed by the fitting; 090 = 90W, 165 = 165W etc.,

AA indicates the colour temperature of the light emitted by the fixture; 30 = 3000K, 57 = 5700K etc.
BB indicates the outer lens material; DA = Diffuse Acrylic, CA = Clear Acrylic, CP = Clear Polycarbonate.

5. Specification

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>AC Supply Voltage</td>
<td>100-240 VAC, 50/60Hz</td>
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<tr>
<td>Power Consumption:</td>
<td>90-185W. See model number and product label.</td>
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<tr>
<td>Harmonic Distortion:</td>
<td>&lt;10%</td>
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<td>Weight:</td>
<td>7kG</td>
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6. Drawings

![Diagram showing dimensions of the fixture]
The accuracy or completeness of all statements, technical information and recommendations contained herein is not guaranteed. The purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection therewith.

7. Warranty

We offer a 5 year comprehensive commercial warranty. For the warranty policy please see http://www.aqualuma.com/lumn/warranty.html