

# INSURGENT™ LED HIGHBAY OPERATING INSTRUCTION MANUAL

## WARNING

**This product is being installed into mains electricity which is inherently dangerous. Failure to follow the instructions in this manual or negligence will void the product warranty and can cause injury or even death.**

Before using this product, you must:

- Read and understand all instructions for use.
- Use a qualified electrical contractor if legally required and if you do not fully understand how to safely install this product.
- Become acquainted with its capabilities and limitations.
- Understand and accept the risks involved.

## Introduction

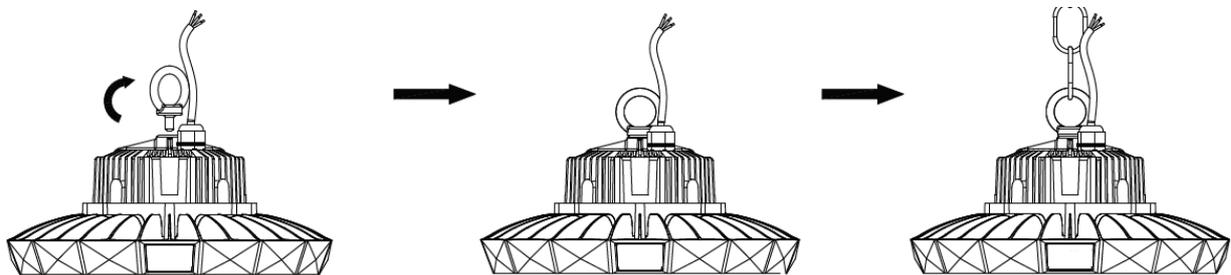
Thank you for choosing Visionary International as your lighting provider. This operating manual provides information on how the product functions and how to safely operate and install the product.

## Installing the product (Existing installation)

**Any electrical work must conform with the Electricity Act 1992 including section 79, NZECP 50: 2004, Electricity Act 1992 Section 80 and NZECP 51: 2004.**

- 1) Disable power to the circuit that you are working on. We highly recommend switching electricity off at the main switchboard of the premises for added safety.
- 2) (If applicable) Remove the previous fitting from the ceiling being careful not to damage the ceiling material. Ensure that there is no remaining driver/transformer connected to the specific lighting mains cable.

### Hook Mounted Installation

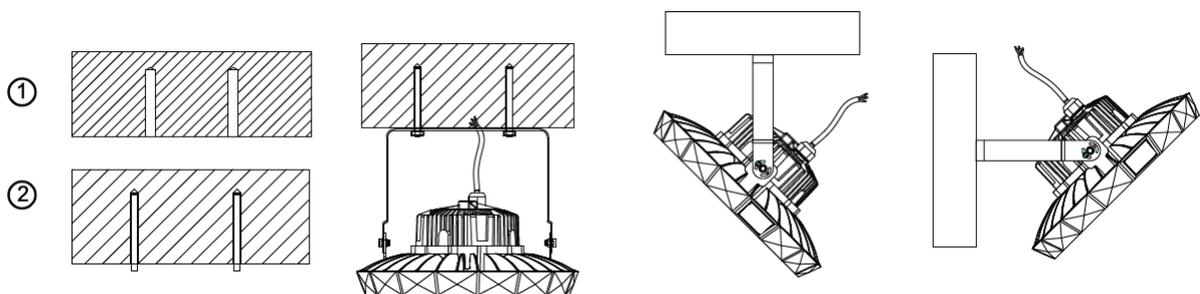


A) Apply the ring mount to the rear of the LED driver unit, ensuring the the spring is applied on the screw part of the ring mount prior to connection. The spring helps to ensure that the ring mount does not dislodge over time.

B)Tightly fasten the ring mount until very firm. We suggest using a large screw driver, applied to the inside of the ring as a leverage tool to fasten at tightly as possible.

C) Connect the ring mount to the cable or d-Link and hang accordingly.

### Bracket Mount Installation



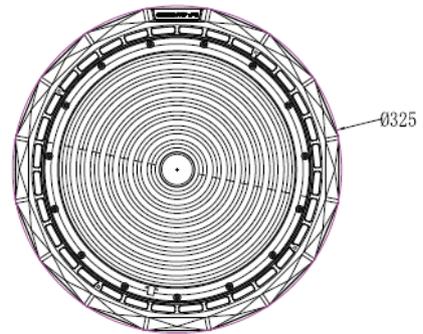
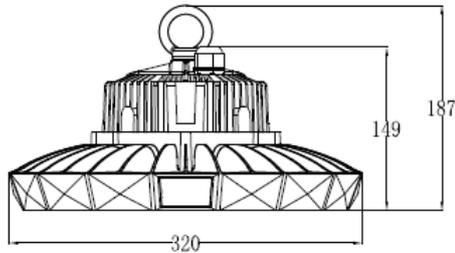
A) Prepare the installation surface and ensure that it can support at least 10x the weight of the LED highbay (7kg Max) = 70kg load requirement. Each Screw anchor should be capable of holding at least 50kg of weight and at minimum of two anchor points should be used on the bracket.

B) Using the bracket as a template, add screws to bracket using spacing as per the diagram above.

3) Plug the 3-Pin NZ/AU plug into a surface or recessed mounted socket. Once securely plugged in, re liven the circuit.

## Box Contents

- 1x Insurgent Highbay
- 1x 2M Cable with 3-Pin NZ/AU plug (Pre-Installed)
- 1x M10 Stainless Steel Ring Mount
- 1x (Extra Accessory) Bracket Mount



## Usage areas

This product is suitable for use in commercial and industrial environments that are subject to minor impacts and liquids. Insurgent is not suitable for use in high alkaline, high acidic or high chemical usage areas of buildings. This product is not suitable for use in a parallel connection with unsuppressed inductive loads or where there are known power quality issues. Doing so will void the product warranty.

## New Installations

The product must be installed by a fully licensed electrical contractor. Under New Zealand law, a home owner or business that is not qualified to install electrical products cannot install Visionary products that require new wiring. Visionary Technologies can assist you in finding a suitable electrical contractor who is properly trained and experienced in installing Visionary products. Contact us for more information.

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## General Specifications

|                           |  |
|---------------------------|--|
| Wattage                   | 150W   |
| Output                    | 24,500lm   |
| Efficacy<br>Lamp + Driver | Up to 165Lm/W<br>Delivered Lumens @ 150W, 5000K, 70CRI |
| Optic Options             | 60°, 90°, 120°   |
| IP Rating                 | IP65   |
| IK Rating                 | IK10   |
| Warranty                  | 5 - Years  |
| Parts & Labour            | NA   |
| CCT Options               | 5000K<br>3000K & 4000K Option (Lead Time Applies)      |
| Mount Options             | Ring Mount<br>U-Bracket (Option)                       |
| Lighting Engine           | >50,000hr L70 TM-21                                    |
| Driver                    | Class I  |
| Connections               | 2M Cable with 3-Pin NZ/AU Plug                         |
| Accessories               | U-Bracket Option                                       |
| Colour/s                  | Black / Aluminium                                      |
| SDCM                      | 5-Step   <5-SDCM                                       |
| Input Connection          | NZ/AU Plug<br>IP68 3-Pole Gasket                       |
| Material                  | Aluminum + Polycarbonate                               |