

# KRATOS™ BATTEN 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.

3) Fix the supplied stainless Steel clips onto the ceiling surface using the supplied screws in the packaging as per the diagram (right).

4) Attach the batten into the stainless clips by either evenly pressing the batten vertically into the clips or by sliding the batten into the clip grooves. A correct installation position is shown (right).

3) Gain access to the batten power supply and terminals by removing the end cap cover.

4) Feed a round 14-18 AWG cable through the IP rated gasket by removing the cable gasket tightener and feeding it onto the cable. Feed the end cap with the remaining part of the gasket through the cable.

5) Insert the stripped cable ends into the push terminals, ensuring that there is no visible copper shown. Terminal configuration;

Phase (Driver input) = Brown or red sheath colour (cable side)

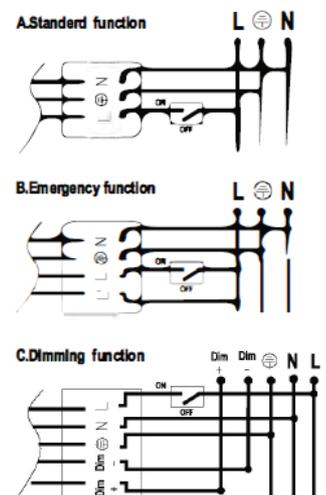
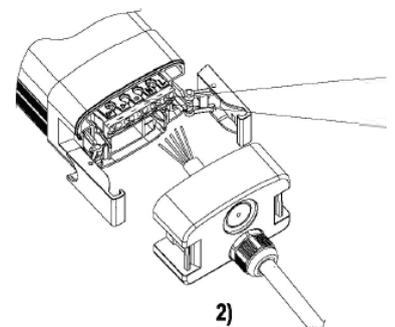
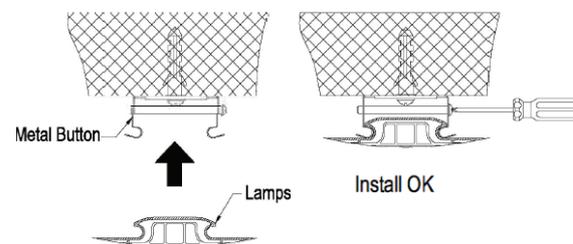
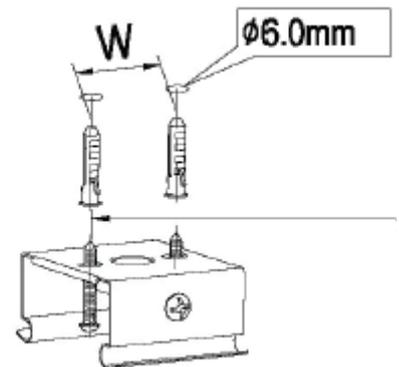
Ground (Driver input) = Yellow sheath colour (cable side)

Neutral (Driver input) = Blue or black sheath colour (cable side)

**NOTE: Some previous installations have had the ground cable cut off so the cable is not exposed. The NZECP requires you ensure proper grounding as this is a Class 1 light fitting.**

6) Once all cables are installed, tighten the terminal screws until the cables are fully fastened in the terminal block. Check all cable cores are locked in place applying a light force on the cable. Please check to ensure there is no exposed or unsheathed cable to ensure there is no undue electrical risk.

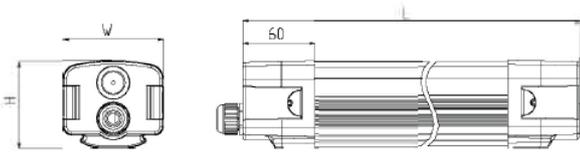
7) Connect the end cap back onto the batten and ensure the cable gasket tightener is fastened until firm.



## Box Contents

- 1x Kratos Batten
- 2x IP68 Rated gasket/s (Pre-Installed)
- 4x Philips screws for surface mount installation
- 2x GIB insertion nodules.
- 1x Through Wiring End Cap (Continuous Installation Model)

## Dimensions



Type	Size L	Size W	Size H
2FT	600mm	83.8mm	72.8mm
4FT	1200mm	83.8mm	72.8mm
5FT	1500mm	83.8mm	72.8mm
8FT	2400mm	83.8mm	72.8mm

## Usage areas

This product is suitable for use in commercial and industrial environments that are subject to minor impacts and liquids. Kratos 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	5ft   1500mm - 40W 5ft   1500mm - 60W
Output	40W   1500mm - 5700lm 60W   1500mm - 8500lm
Efficacy Lamp + Driver	Up to 148lm/W Delivered Lumens @ 60W,5000K,80CRI
Optic Options	120°
IP Rating	IP65
IK Rating	IK10
Warranty	5 - Years
Parts & Labour	Yes - 3-Years
CCT Options	5000K 3000K & 4000K Option
Mount Options	Surface Mount (Incl) Suspension Kit
Lighting Engine	>50,000hr L70 TM-21
Driver	Class I
Connections	Side Cable Mount Option Continuous Side Wiring Option
Accessories	Suspension Kit Option
Colour/s	White / Aluminium
SDCM	5-Step   <5-SDCM
Input Connection	Screwless Push Terminal Block Pre-wired LED Driver