

# [ENDURO]

WEATHERPROOF LED BATTEN

USER MANUAL



**This product must be installed by a licensed electrician**

## INTRODUCTION

Thank you for selecting our TEKNIK [ENDURO] Weatherproof LED Batten. Please ensure that you install and use the product according to the below instructions. Failure to follow these instructions may void the warranty. Teknik Lighting Solutions Pty Ltd will not be liable for inappropriate use, incorrect installation or any associated damage caused by incorrect installation or usage of the product.

- > 5 year warranty
- > High efficacy up to 135lm/W
- > Durable polycarbonate body and diffuser with stainless steel clips
- > Emergency and sensor options available
- > Green (532nm) and Amber (592nm) LED output options available
- > GRP body options available

## DISCLAIMERS

1. This product must be installed by a This product must be installed by a licensed electrician and used as per these instructions.
2. This product contains no serviceable parts and no attempt should be made to repair this product. If the product is faulty it should be returned or discarded.
3. Electrical installations periodically receive transient over voltages. This product has been designed to minimise the effect of such voltages on connected equipment. It may not give full protection for extreme over-voltage transients such as those resulting from a close lightning strike.
4. This product has been designed to operate in ambient temperatures: -20°C to 45°C.
5. Teknik reserves the right to modify the specification of this product at any time.

## CAUTION

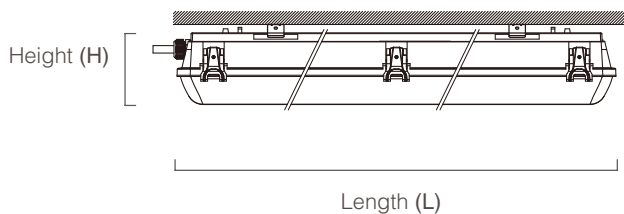
1. Read the entire manual carefully before installation and operation.
2. The "Warranty Period" is five (5) years. If the product fails or becomes defective when used and installed in accordance with this user manual within the warranty period, TEKNIK will repair or replace the product at its sole discretion.
3. Declared lumen output is based upon measurements obtained under standardised laboratory conditions.
4. For further information, please contact Teknik ([www.tekniklighting.com.au](http://www.tekniklighting.com.au)) or your local distributors.

## MODEL LIST

BE-2-18S120	BE-4-28S120-SD	BE-4-28S120-EP
BE-2-18A120	BE-2-18S120-P	BE-2-20G120-EP
BE-4-28S120	BE-4-28S120-P	BE-2-18GA120-EP
BE-2-18S120-E	BE-2-20G120-P	BE-4-36GA120-EP
BE-4-28S120-E	BE-4-36G120-P	BE-2-18S120-SDP
BE-2-18S120-ESD	BE-2-18GA120-P	BE-4-28S120-SDP
BE-4-28S120-ESD	BE-4-36GA120-P	BE-4-28S120-ESDP
BE-2-18S120-SD	BE-2-18S120-EP	

For full specifications of individual models, please head to [www.tekniklighting.com.au](http://www.tekniklighting.com.au) or contact your Teknik Lighting Solutions distributor

## DIMENSIONAL DRAWING

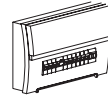


Model	Length mm	Width mm	Height mm
2ft: Standard, -E, -SD, -ESD, -PSD, -EPSD, -ESDP	600	120	108
2ft: -P, -EP	600	116	100
4ft: Standard, -E, -SD, -ESD	1160	120	108
4ft: -P, -EP, -SDP, -ESDP	1200	116	100

# INSTALLATION

**WARNING:**

1. Isolate circuit before installation.
2. Re-energise only after complete installation and examination of the circuit.
3. Installation and maintenance to be undertaken by a licensed electrician.



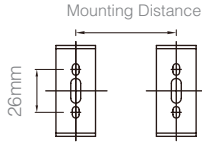
1

Disconnect power to circuit



2

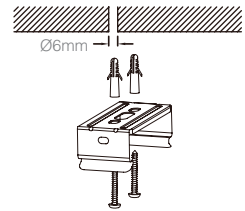
Drill Ø6mm holes as per the diagram below



Model	Mounting Distance
600mm	330mm
1200mm	770mm

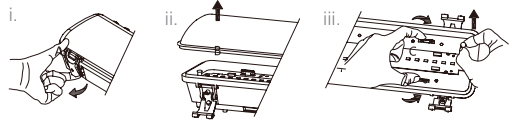
3

Insert wall plugs and secure the mounting bracket with provided M4 screws.



4

- i. Open all external clips. (A)
- ii. Remove diffuser. (B)
- iii. Squeeze internal retention clips and remove gear tray, (C)

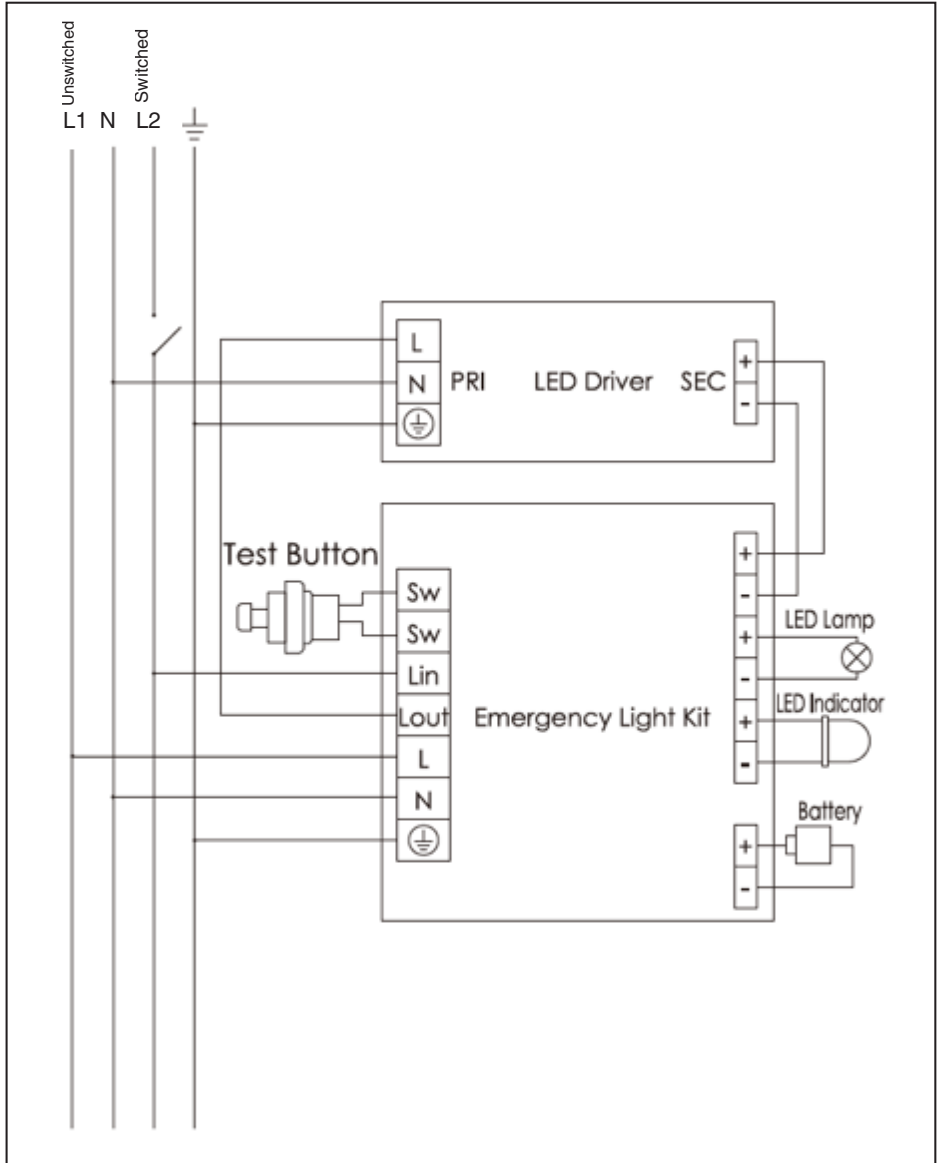


5

- i. Install cable gland and feed through cable.
- ii. Connect the cable to the terminal block as shown below.
- iii. For maintained emergency option bridge L1 and L2
- iv. Connect the battery (Emergency Version)
- v. Tighten the cable gland
- vi. Connect plug to gear tray (for models with base mounted terminal block)

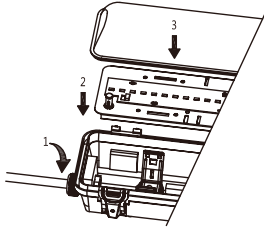


# Emergency Wiring Diagram



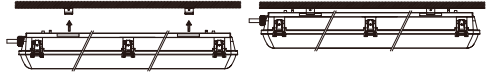
6

- i. Tighten cable gland as shown below.
- ii. Replace gear tray.
- iii. Close the diffuser and ensure all clips fastened.



7

Affix luminaire to mounting bracket.



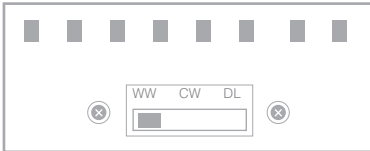
8

Reconnect power to the circuit.



For emergency versions (-E) please connect the battery before use and use the test switch to test the emergency function and for maintenance.

## COLOUR SELECTION



**Ensure the luminaire is turned off before selecting CCT**

- i. Remove from housing
- ii. Simply slide button colour selectable switch to the desired CCT: WW (3000K) - CW (4000K) - DL (5700K)

## SENSOR DIMMABLE OPTION (-SD)

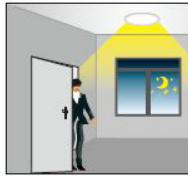


Teknik Sense technology ensures that the light is used in the most efficient way possible with the sensor being based on two main principles of motion and ambient daylight.

### Daylight



- 1 With sufficient ambient light the luminaire will turn off.



- 2 When the ambient light falls below the selected setting, the luminaire will switch on when motion is detected.



- 3 When hold time is reached with no further motion detected, the luminaire will dim to selected level, the light will dim to selected level if no new motion is detected.

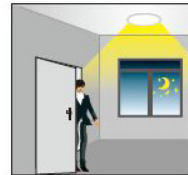


- 4 When hold time is reached with no further motion detected, the luminaire will turn off.

### Motion



- 1 If there is no motion detected, the luminaire remains at a low light level.




- 2 When motion is detected, the luminaire will turn on to 100% brightness.



- 3 After elapse of the hold time, the luminaire will dim down to the selected level if no motion is detected.

# SENSOR DIMMABLE OPTION (-SD) SETTINGS


## Daylight Sensor (Set via Driver)



	1	2	3	
I	ON	ON	ON	10Lux
II	ON	ON	-	30Lux
III	ON	-	ON	50Lux
IV	-	ON	ON	100Lux
V	-	-	-	Disable

Use this setting to adjust the detected minimum ambient light level where once detected the light will dim or turn off.


## Stand-by Period (Set via Driver)



	4	5	
I	ON	ON	1min
II	ON	-	5min
III	-	ON	25min
IV	-	-	+∞

The time period the luminaire remains at a low light level before it completely switches off in the long absence of motion.


## Detection Area (Set via Sensor)



	1	2	
I	ON	ON	100%
II	ON	-	75%
III	-	ON	50%
IV	-	-	25%

Use this setting to adjust the permissible detection area of the fitting.


## Hold Time (Set via Sensor)



	3	4	
I	ON	ON	5s
II	ON	-	90s
III	-	ON	5min
IV	-	-	25min

The time period the luminaire remains at 100% illumination after the last motion is detected.

## Dimming Level (Set via Sensor)



	5	6	
I	ON	ON	0%
II	ON	-	10%
III	-	ON	25%
IV	-	-	50%

The low light level after the elapse of the hold time in the last detected motion.

The highlighted settings above are the default factory settings for the Sense Technology on the [ENDURO]-SD models.

# EMERGENCY SELF-TEST INSTRUCTIONS

1. Squeeze retention clips and remove the diffuser from the body.
2. Connect the battery
3. To test the [ENDURO] , press the red button to simulate AC mains failure. If the light is in maintained mode, it will result in a brighter luminaire. If the light is in non-maintained mode, it will switch on to 4W energy power mode

NOTE:

If the red light is on, the product is currently re-charging. If the red light is not on, the product is fully charged.