

# Zone LED Downlight Installation Guide

We strongly recommend that you read this manual carefully before installation.  
Installation MUST be carried out by a qualified and licensed electrician.

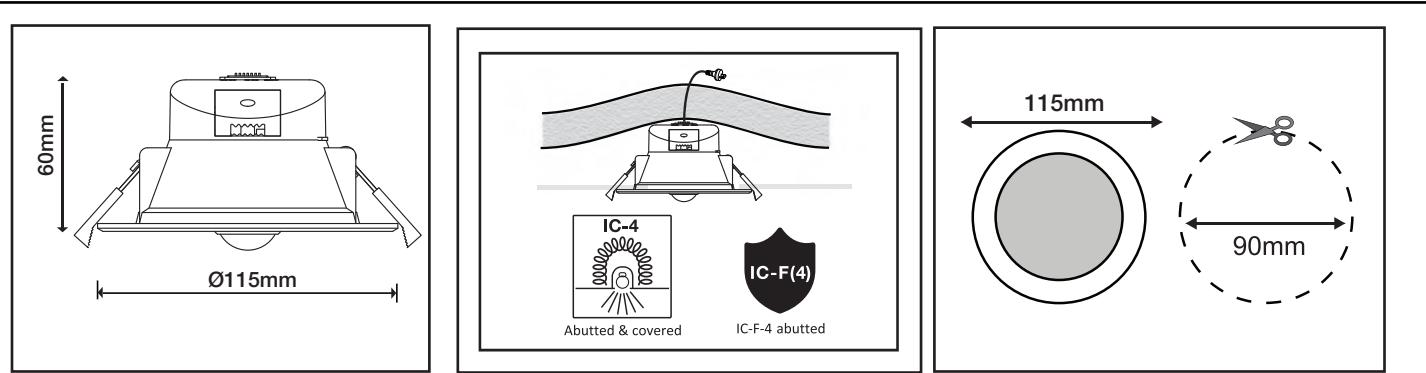


## Models Parameters:

TLZD3459WDS

Martec Zone 9W PIR Motion Sensor Tricolour LED Downlight Matt White

## Installation Instructions



- This unit must be installed and wired by a qualified electrical contractor
- Ensure power is off at mains before wiring and installation
- For maximum number per circuit breaker, use the recommended quantities as for a standard mains 50W lamp (or 100W R80)
- Cut a suitable hole in the ceiling for each unit ensuring no positions are under joists, cables, pipes etc.
- Terminate cables at primary side of driver ensuring cable clamp is in place
- Feed springs through the ceiling hole slowly releasing the unit up to the ceiling. The springs will hold the fitting in place
- Fixture control gear/driver must be mounted above any insulation covering THE luminaire
- For indoor use  $T_a = 25^\circ\text{C}$

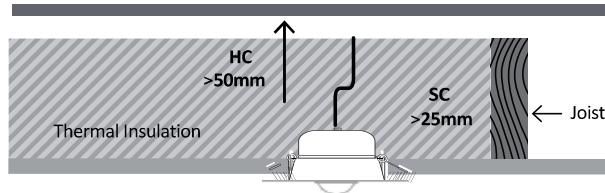
### Colour Switching

Tricolour DIP switch located on the top of the fitting.

Select desired Colour (3000K,4000K,5000K) by toggling the switch.

### INSULATION

Thermal insulation clearance class IC-4 covered; meaning that the Zone LED downlight can be covered entirely by insulation abutting or is within 100mm horizontally of the luminaire.



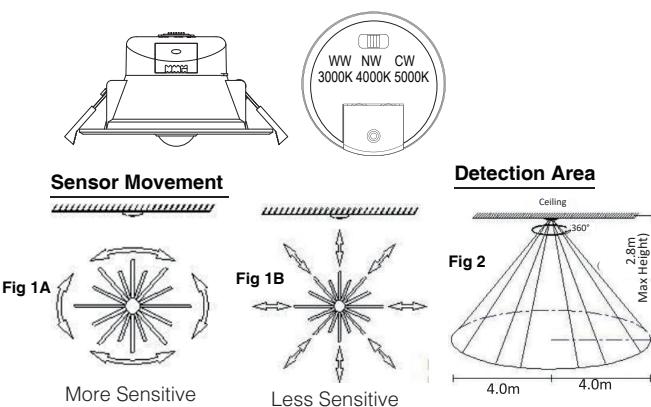
### DIMENSION (FOR DRIVER)

### CLEARANCE

SC-side clearance to thermal insulation and building element. 25mm  
HC- Height clearance to thermal insulation and building element. 50mm

### IMPORTANT NOTE

This fixture must not be installed with loose fill insulation (as defined in NZS 4246) such as macerated paper and wool.  
This Downlight has achieved an IC-F IC-4 insulation rating in accordance with AS/NZS 6059.8.2.2



### PIR Sensor Features

Sensor detection range: 4m max.(at mounting height 2.5m)

Sensor detection angle: 360°

On time: 1 minute (Subsequent detection will restart the on time) Daylight Sensor: Only works when ambient light is low (at night)

### Sensor Instructions:

The maximum detection height for the sensor is 2.8m (Figure 2).

The sensor is not suitable to use with dimmer switches and should not be used with a circuit which has a Dimmer.

## 5 Year Replacement Warranty

Visit our website for details <https://www.martec.com.au/warranty-statement/>