

# 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.

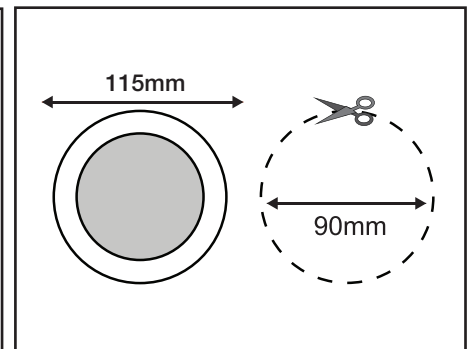
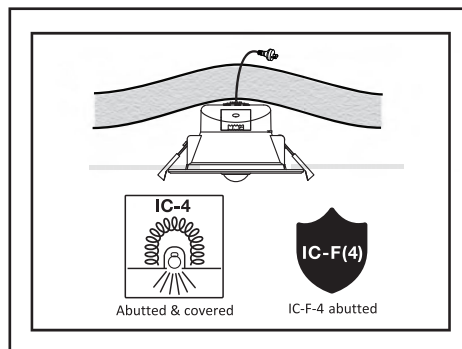
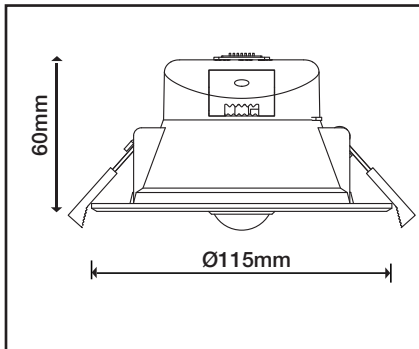


Replacement  
Warranty

## Models Parameters:

TLZD3459WDS Martec Zone 9W PIR Motion Sensor Tricolour LED Downlight Matt White

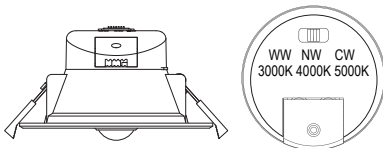
## Installation Instructions



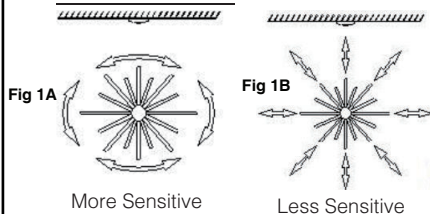
- This unit must be installed and wired by a qualified electrical contractor
- Ensure power is off at mains before wiring and installation
- For maximum number per circuit breaker, use the recommended quantities as for a standard mains 50W lamp (or 100W R80)
- Cut a suitable hole in the ceiling for each 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

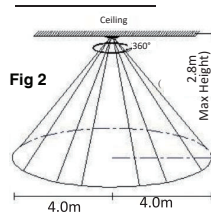
Tricolour DIP switch located on the top of the fitting.  
Select desired Colour (3000K, 4000K, 5000K) by toggling the switch.



### Sensor Movement



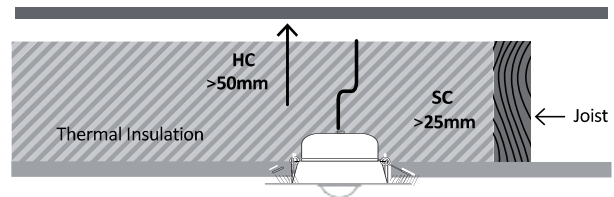
### Detection Area



The sensor has increased sensitivity with movement across the detection area (Figure 1A)  
The sensor has reduced sensitivity with movement towards and away from the detection area (Figure 1B)

### 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 60598.2.2

### 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/>

E: sales@martec.com.au  
W: martec.com.au

