

# Rex 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.

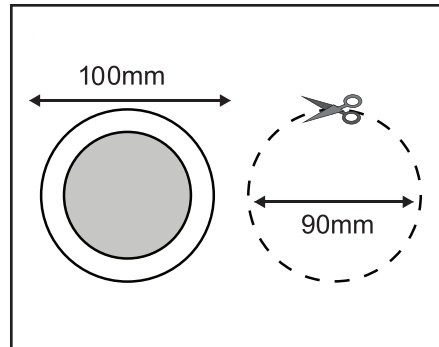
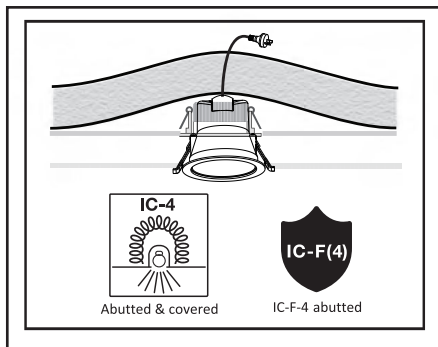
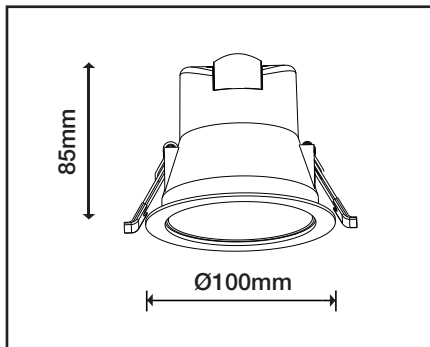


Replacement  
Warranty

## Models Parameters:

TLRD3459WD	Martec Rex 9W Tricolour LED Downlight Matt White
TLRD3459MD	Martec Rex 9W Tricolour LED Downlight Matt Black

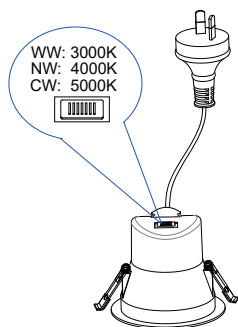
## Installation Instructions



- 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 Rex LED Downlight can be covered entirely by insulation abutting or is within 100mm horizontally of the luminaire. And must meet the following requirements: Be of a type that can maintain its dimensions and structural integrity when exposed to a maximum surface temperature the class of the luminaire, being  $90^{\circ}\text{C}$ ; Be of a type that can withstand a 30 second needle flame test carried out in accordance with AS/NZS 60695.11 with a flame applied to all surfaces of the sample insulation types which should be used with this fitting are glass wool (pink batts) & polyester.

RISK OF FIRE - REQUIRED CLEARANCE FROM STRUCTURAL MEMBERS AND BUILDING ELEMENTS

HCB= 50 mm MIC= 25mm SCB = 25mm SCI = 25mm

### IMPORTANT NOTE

- This fixture must not be installed with loose fill insulation (as defined in NZS 4246) such as macerated paper and wool.
- Fixture control gear/driver must be mounted above any insulation covering the fixture

## 5 Year Replacement Warranty

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