

Titan II 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.

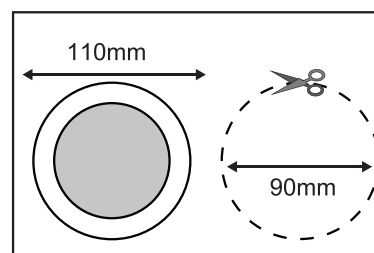
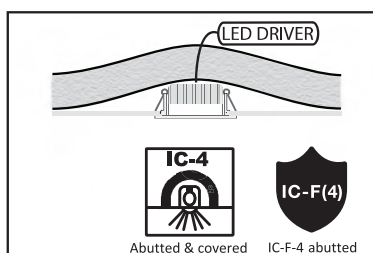
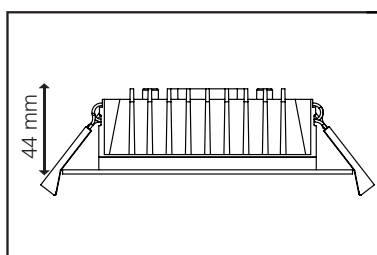


Replacement
Warranty

Models Parameters:

TLTD34510MD	Martec Titan II 13W Quadcolour LED Downlight Kit Matt Black
TLTD34510WD	Martec Titan II 13W Quadcolour LED Downlight Kit Matt White
TLTDNZ34510MD	Martec Titan II 13W Quadcolour LED Downlight Kit Matt Black NZ Market
TLTDNZ34510WD	Martec Titan II 13W Quadcolour LED Downlight Kit Matt White NZ Market

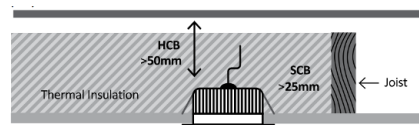
Installation Instructions



- 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 $T_a = 25^{\circ}\text{C}$

Insulation

Thermal insulation clearance class IC-4 covered; meaning that the Titan II 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°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

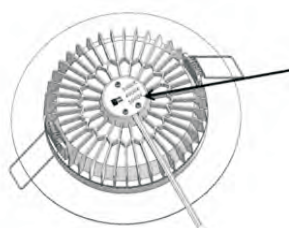
HCB = 50 mm MIC = 25mm SCB = 25mm SCI = 25mm

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

Colour Switching

Quadcolour DIP switch located on the top of the fitting.



Select desired Colour (3000K, 4000K, 5000K or 6000K) by toggling the switch

5 Year Replacement Warranty

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