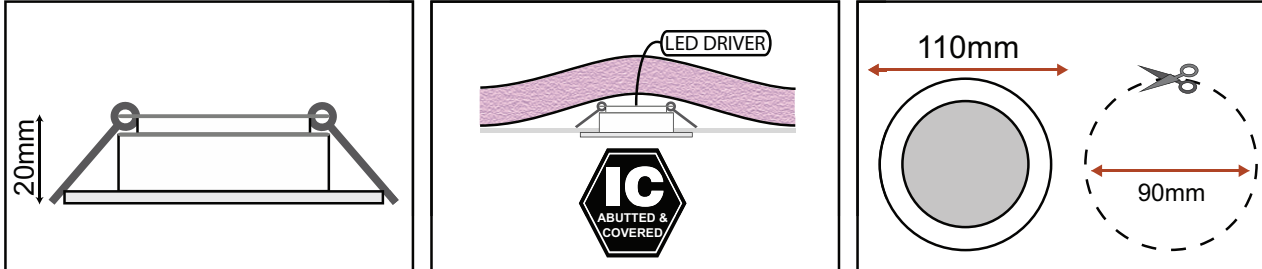


PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION.  
 PLEASE RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.

## Wafer Martec Downlight



### PRODUCT FEATURES

- 3 year replacement warranty
- Die cast aluminium frame
- Dimmable to 30%
- Polycarbonate lens
- Input power 12W
- 35,000 hour average lamp life

### INSTALLATION

- This unit **MUST** be installed and wired by a qualified electrical contractor
- For maximum number per circuit breaker, use the recommended quantities as for a standard mains 50w lamp (or 100w R80)
- Ensure that the area that the unit is to be fitted has a minimum height clearance of 50mm
- Cut a suitable hole in the ceiling for each unit ensuring no positions are under joists, cables, pipes etc.

PRODUCT	HOLE SIZE
MLWDXXXX	90mm

- Disconnect mains supply prior to wiring
- Terminate cables at primary side of driver ensuring cable clamp is in place
- Ensure driver is **NOT** covered by any insulation material
- Feed springs through ceiling hole slowly releasing unit up to the ceiling and the springs will hold fitting in place
- For indoor use Ta = 25°C

<b>FOR AUSTRALIAN USE ONLY</b>	
RISK OF FIRE - Required clearance from structural members and building elements	
SCB = 25mm	HCB = 50mm
SCI = 25mm	MIC = 25mm

<b>FOR NEW ZEALAND USE ONLY</b>	
RISK OF FIRE - Required clearance from structural members and building elements	
SCB = 0mm	HCB = 50mm
MIC = 25mm	

### INSULATION

#### 12W

- Thermal insulation clearance class– IC covered; meaning that the Wafer LED down light can be covered entirely by insulation
- Building insulation abutting or is within 100mm horizontally of the luminaire must meet the following requirements: Be of a type that can maintain its dimensions and structural integrity when exposed to a maximum surface temperature of 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 60695.11.5 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

**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.

### DIMMING

The Wafer down light can be dimmed to 10%.

Martec LED down lights are compatible and supported with the Martec MTD300VA dimmer.  
 All other dimmers may work, but are not supported by Martec.

### COMPLIANCE

The Wafer range has been tested to comply with relevant Australian/New Zealand 3001:2007 standards.

- AS/NZS 6058.2.2:2001 including Amdt A “Recessed Luminaires”
- EMC EN 55015:2006
- CISPR15:2006 Supplier Code No N120
- SAA 130046

**SCB:** Side clearance to building elements; **HCB:** Height clearance to building elements; **SCI:** Side clearance to building insulation (non-IC only); **MIC:** Minimum clearance above building insulation for ventilation