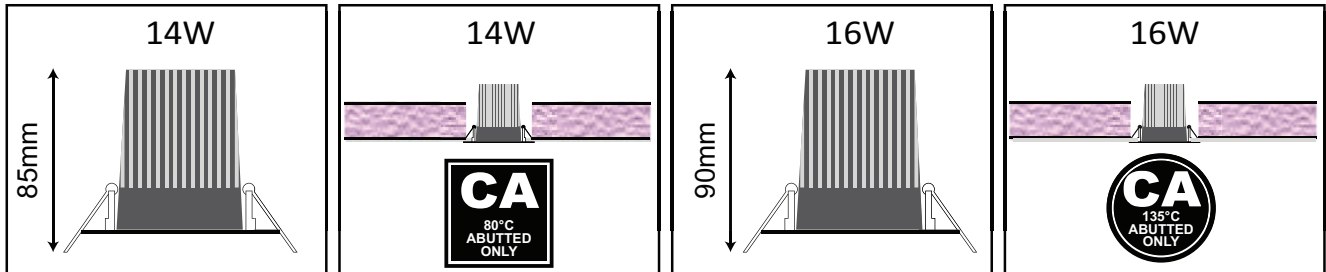


PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION.  
 PLEASE RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.

## Shadowline Martec Downlight



### PRODUCT FEATURES

- 3 year replacement warranty
- Die cast aluminium frame with high quality finish
- Dimmable to 30%
- Advanced toughened glass lens
- Light beam adjustable
- 50,000 hour average lamp life
- Energy Star® certified



### 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
MLSDXXXX	70mm
MLSGXXXX	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 = 30mm	HCB = 50mm
SCI = 30mm	MIC = 50mm

<b>FOR NEW ZEALAND USE ONLY</b>	
RISK OF FIRE - Required clearance from structural members and building elements	
SCB = 30mm	HCB = 50mm
MIC = 50mm	

### INSULATION

#### 14W

- Thermal insulation clearance class– CA 80 abutted only; meaning that insulation that can be continuously exposed to 90°C can abut the luminaire
- Insulation types which should be used with this fitting are glass wool (fiberglass) and polyester

#### 16W

- Thermal insulation clearance class– CA 135 abutted only; meaning that insulation that can be continuously exposed to 150°C can abut the luminaire
- Insulation types which should be used with this fitting are glass wool (fiberglass) and 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 Shadowline 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 Shadowline range has been tested to comply with relevant Australian/New Zealand 3001:2007 standards.

- ELECTRICAL SAFETY: Test Report 5626 Spectrum Laboratories
- 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