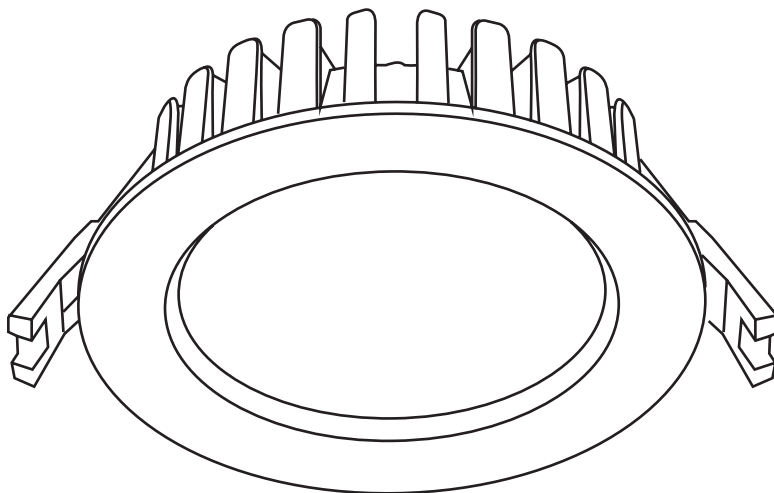


VOLTEX® INSTALLATION GUIDE

Barcelona 13W Downlight

LD13T90-W, LD13T90-W-S



Barcelona 13W Downlight

Tricolour

White | Silver



The Voltex® Barcelona 13W recessed LED downlight is truly a 'fit & forget' recessed luminaire, with no annoying bulb failures, while being highly energy-efficient and cool running for reduced fire risk. It is a sealed unit which has no air gap into the ceiling cavity, preventing the loss of conditioned air. This recessed downlight is guaranteed against premature failure of both the LED light engine and control gear for a period of 7 years from date of purchase. Original proof of purchase is required in the event of any guarantee claims being lodged.

INSTALLATION INSTRUCTIONS

1. Cut a 90- 95mm hole.
2. Select the desired output colour using the selector switch[WW warm white; NW natural white or CW cool white], fold the spring clips up & install the fitting.



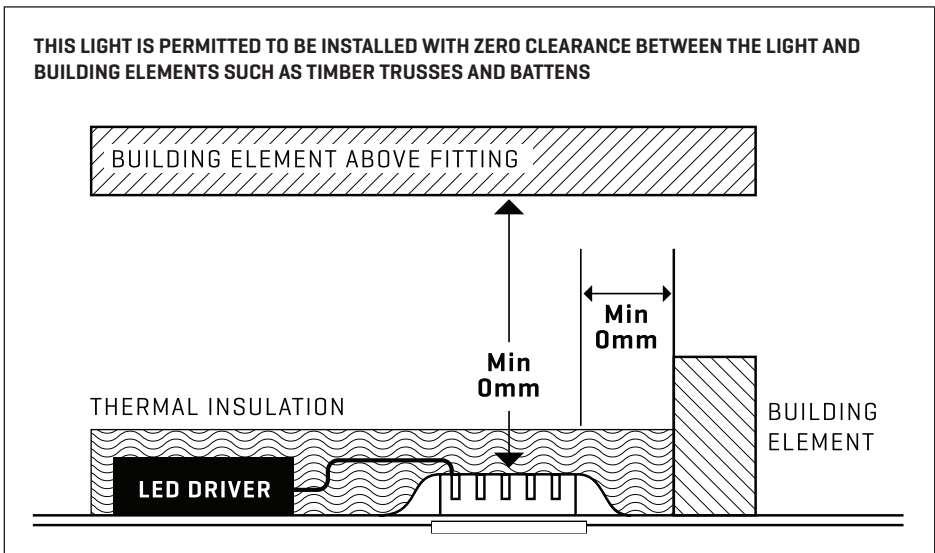
ACCORDING TO OUR COMPLIANCE EXPERT, WE'RE OBLIGED TO INCLUDE THE FOLLOWING PERFUNCTORY STATEMENTS:

- There are no user replaceable components or parts incorporated in this luminaire.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
- The external flexible cable or cord of this luminaire cannot be replaced; if damaged, the luminaire shall be destroyed.
- This luminaire is designed for indoor use only.
- For New Zealand, ensure the 'IC-F Abutted and Covered label' is applied to the back cover of the luminaire. **Note:** *Already fitted to supply cord.*
- Only to be installed outside of arms reach.
- Use only with the supplied Voltex Dimmable LED Driver type VSI-13W270-DF3

SPECIFIC REQUIREMENTS REGARDING BUILDING INSULATION

1. In the vicinity of the recessed luminaire, use an insulation product that:
 - a. Maintains its dimensions and structural integrity when exposed to a temperature of 90°C.
 - b. Withstands a 30 second needle flame test carried out in accordance with AS/NZS 60695.11.5 with the flame applied to all surfaces of the sample.
 - c. Has an ignition temperature of at least 200°C [with the ignition temperature determined using a test period of 15 minutes].

2. Only loose-fill insulation which complies with the above requirements is permitted to abut or cover this luminaire.



RISK OF FIRE – Required clearance from structural members and building elements:

Side clearance to building element [SCB]: 0mm

Height clearance to building element [HCB]: 0mm

SPECIFICATIONS

| | |
|---------------------------------|---|
| Power | 13W |
| Input Voltage | 220-240V AC 50/60Hz |
| Driver | Dimmable - Trailing Edge |
| Class | IC-4 IC-F Abutted & Covered (New Zealand) |
| IP Rating | IP54 (Light face); IP20 (All other parts incl. Driver) |
| Light Source | LED |
| Light Colour | Warm White (3000K) / Natural White (4000K) / Cool White (6000K) |
| Lumen Output (+/- 5%) | Tricolour selectable: 950 Lumens (3000K) 1000 Lumens (4000K) 1000 Lumens (6000K) |
| Ambient Temperature | 45°C |
| Ceiling Hole | 90-95mm |
| Beam Angle | 90 degrees |
| Air Transfer Category | Closed |
| Thermal Insulation Clearance | May abut the luminaire on the sides or cover the top (MCI & SCI = 0mm) |
| Building Elements Clearance | May abut the luminaire on the sides or the top (HCB & SCB = 0mm) |
| Rated Lifespan | 40,000 hours |
| Flange Colour | White/Brushed Silver |
| Connections | Includes Driver, Plug & Lead |
| Standards complied with | AS/NZS60598.1.2003 AS/NZS60598.2.2:2001 Including Amendment A |