

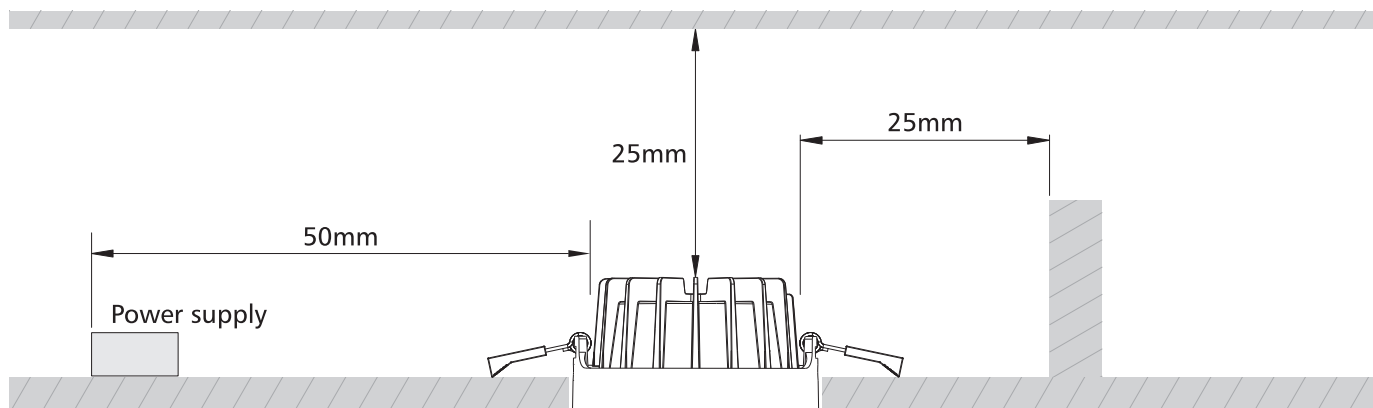
## Important Safety Instructions

Basic safety precautions should always be followed when installing, including the following:

1. Read instructions & check you have all the tools & accessories to complete the installation correctly.
2. Licensed electrician for installation only.
3. Always ensure the power is OFF and the fitting has cooled down before performing any maintenance, cleaning, changing the globe or adjustment to the fitting.
4. Do not install any luminaire near the heat source.
5. Do not exceed the nominal supply voltage or amperage ratings.
6. To avoid injury or damage to the fitting, please ensure that power leads and screws are secure before connecting the power.

## Installation Instruction

**Fig 1: Installation Spacing**



For Lamp:

**RISK OF FIRE -- Required clearance from structural members and building elements**

SCB=25mm HCB=25mm MIC=0mm SCI=0mm

For LED driver:

**RISK OF FIRE -- Required clearance from structural members and building elements**

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

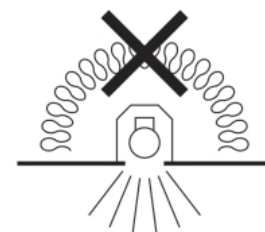
HCB: Height clearance to building element

MIC: Minimum insulation clearance

SCI : Side clearance to insulation

SCB: Side clearance to building element

SCG(Side clearance to auxiliary equipment (control gear (CG)):50mm



**ARNING-RISK OF OVERHEATING OR FIRE IF THE CLEARANCE DISTANCES**

## Ceiling cutout table

| Downlight Dia (inch) | 2.5   | 3     | 4       | 6       |
|----------------------|-------|-------|---------|---------|
| Ceiling Cutout (mm)  | 68-75 | 90-95 | 120-130 | 160-170 |

**IP rating table:** Before installation, please check the IP label on the luminaire to choose the right place to install.

|           |                                                                                            |
|-----------|--------------------------------------------------------------------------------------------|
| IP20/IP40 | Indoor use only, do not use in wet or damp place.                                          |
| IP44/IP54 | Suitable for indoor areas including bathrooms and covered/sheltered areas such as porches. |

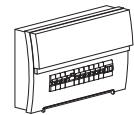
**Dimmer selection table:** Before installation, please check the information of driver as below.

|           |                                                                  |
|-----------|------------------------------------------------------------------|
| Non-dim   | Can not be used with any dimmer.                                 |
| Triac dim | Compliable with recommended TRIAC dimmers, dimming range 8-100%. |
| 0/1-10V   | Only work with 0/1-10V dimming system, dimming range 8-100%.     |
| DALI      | Only work with DALI dimming system, dimming range 8-100%.        |

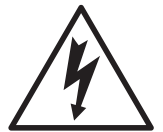
## Installation Procedure

### WARNING

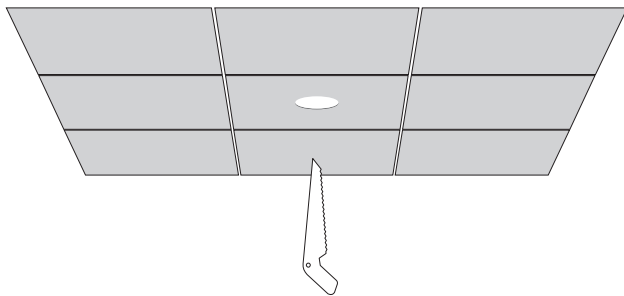
1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.



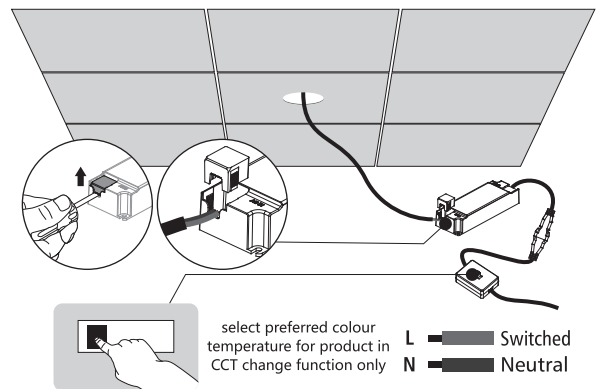
**Turn Off  
Power Supply**



## Downlight with external driver

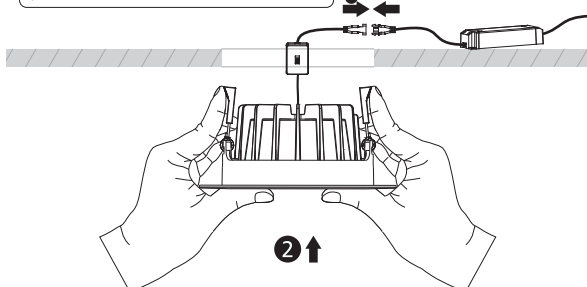


Cutout (refer to cutout table)

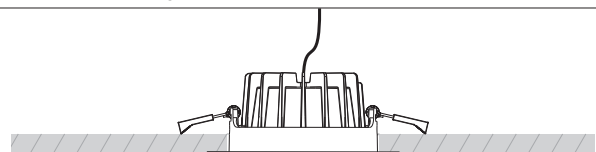


### 1. Create CutOut

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.



### 2. Adjust the colour temperature



COMPLETE

The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.



### 4. Connect the wires & press the light into the ceiling