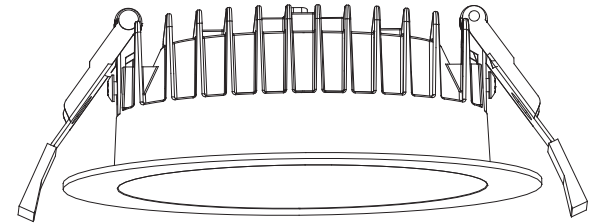





INSTALLATION MANUAL



 1800 909 306

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12W | 18W LED

DOWNLIGHT

D12W-CC, D18W-CC

Important Safety Instructions

To ensure safety during installation, adhere to these basic precautions:

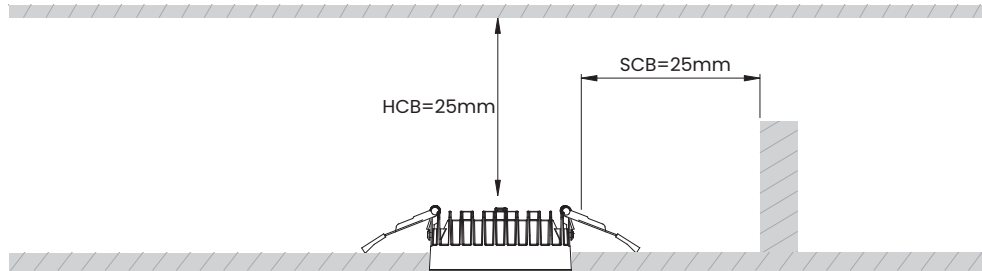
1. Carefully read the instructions and confirm you have all the necessary tools and accessories required to complete the installation accurately.
2. Employ a licensed electrician solely for the installation process.
3. Prior to performing any maintenance, cleaning, globe replacement, or adjustments to the fitting, always ensure that the power is OFF and the fitting has cooled down adequately to avoid any potential hazards.
4. Avoid installing any luminaire close to heat sources.
5. Refrain from surpassing the nominal supply voltage or amperage ratings.
6. To prevent injury or damage to the fitting, verify that power leads and screws are securely in place before connecting the power.

These safety instructions are crucial to follow during the installation process to avoid any potential hazards or risks. They emphasize the importance of proper tools, licensed assistance, power safety measures, and avoiding potential sources of damage.



Installation Instruction

Fig 1: Installation Spacing



RISK OF FIRE – Required clearance from structural members and building elements
SCB=25mm HCB=25mm MIC=0mm SCI=0mm

HCB: Height clearance to building element
MIC: Minimum insulation clearance
SCI: Side clearance to insulation
SCB: Side clearance to building element

Ceiling cutout table

Downlight Dia (inch)	D12W-CC	D18W-CC
Ceiling Cutout (mm)	120-130	160-170

IP rating table: Before installing, please check the IP label on the luminaire to determine the suitable installation location based on its IP rating.

IP Rating	Description	Recommended Environments
IP40	Indoor use only; avoid wet or damp locations.	Suitable for indoor spaces; not suitable for damp areas.
IP54	Suitable for indoor areas including bathrooms;	Ideal for indoor use, bathrooms, and covered/sheltered
	avoid exposure to direct water or heavy moisture.	spaces like porches.

The IP ratings provided describe the suitability of these luminaires for indoor use, cautioning against exposure to moisture or wet environments. They are recommended for various indoor areas such as bathrooms and covered/sheltered spaces like porches while emphasizing the need to avoid direct water exposure or heavy moisture.

Table for Dimmer Selection: Prior to installation, please review the driver information provided below.

Dimming Compatibility	Description
Non-dim	Incompatible with any dimmer; non-dimmable.
Triac dim	Not suitable for use with dimmers except recommended TRIAC ones; offers a dimming range from 8% to 100%.

Installation procedure

WARNING

1. Ensure the switch is turned off before commencing installation.
2. Only switch on the device after full installation and thorough examination of the circuit.
3. Installation and maintenance must be carried out by a professional electrician.
4. Ensure that the input wire diameter is $\geq 0.75\text{mm}^2$.
5. Warranty is not applicable for product modification or improper installation.
6. The light source within the luminaire is non-user-replaceable; if damaged, the luminaire should be disposed of.
7. There is a risk of overheating or fire if the recommended clearance distances are compromised.



CAUTION
Risk of electric shock

Downlight with external driver

