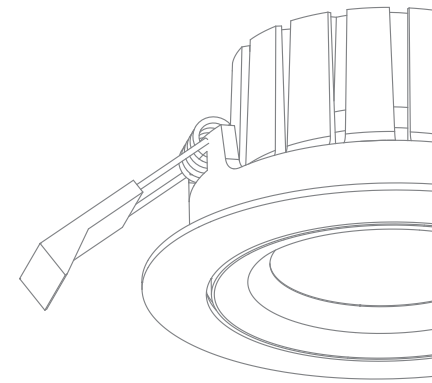


grace

COMPOSE Diffuse Installation Manual



Safety Instruction:

- 1. Turn off power before installation or before doing any maintenance work.
 - 2. Do not install any luminaire near a heat source.
 - 3. For Outdoor and Indoor use.
 - 4. Do not exceed the nominal supply voltage or amperage ratings.
 - 5. All wiring and installation of this luminaire must adhere to local and national wiring rules eg AS/NZS 3000:2007 Amendment 2:2012
- Electrical Installation
- 6. Take care not to pull any electrical wires during unpacking as this may damage the connection.
 - 7. Lay out all the components on a smooth surface and make sure there are no components missing before assembling.
 - 8. To avoid injury or damage to the fitting, please ensure that power leads and screws are secure before connecting the power.
 - 9. Please keep instructions for future reference.

IC-F Installation Instruction (Downlights under 13W)

Installation Procedure

Power supply

25mm

50mm

25mm

Safety Instruction:

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

1. Read instructions carefully before installing.
2. This LED Panel requires professional installation and maintenance.
3. The power supply of the LED Panel should be powered by a dedicated external LED driver.
4. Disconnect the power supply before installing or maintenance.
5. Make sure the luminaire and building elements do not install through structural members and building elements. Do not install through or directly into joist, beam, rafters or ceiling batten.
6. Ensure there is enough space for heat dissipation.
7. Ensure the luminaries are never covered by any heat insulation mat or slim layer material at anytime.
8. Dimmable version could be compatible with a wide range of recommended TRIAC dimmers.
9. IP40 for indoor use only, not for damp location; IP54 for indoor damp location.
10. Ambient Temperature: -10°C to +40°C, Avoid direct sunlight.
11. Storage Conditions: Cool & dry conditions.

Side Clearance from heatsink to building element (e.g. timber, joist or batten) - SCB

Height Clearance from heatsink to building element (e.g. timber, joist or batten) - HCB

Minimum insulation clearance to building element - MIC

Installation Procedure

WARNING:

1. Switch off before installation.

2. Switch on only after complete installation and examination of the circuit.

Make sure that the mounting surface or structural member used for installation can support the weight of LED Panel.

This data sheet contains information necessary to ensure compliance with the New Zealand Electrical Code of Practice for Installation and Maintenance of Recessed Luminaires and Associated Equipment AS/NZS 60598.2.2:2001

Note : Above 13W, Downlights are Non-IC

For the product with Slide Switch of Color Selection, please select the light color (DL/CW/WW) before installation.

Slide switch for color selection

IC-F ABUTTED & COVERED

Recessed luminaires and their associated equipment may pose a risk of fire or damage to property if not installed and maintained correctly. Novii recommends a clearance of 25mm to building elements for optimum life.

CAUTION:
Make sure that the mounting surface or structural member used for installation can support the weight of LED Panel.

This data sheet contains information necessary to ensure compliance with the New Zealand Electrical Code of Practice for Installation and Maintenance of Recessed Luminaires and Associated Equipment AS/NZS 60598.2.2:2001

Installation

Note : Above 13W, Downlights are Non-IC

For the product with Slide Switch of Color Selection, please select the light color (DL/CW/WW) before installation.



Step 1

Step 2

Installation Procedure

For the product with Slide Switch of Color Selection, please select the light color (DL/CW/WW) before installation.

DL: 5000K
CW: 3000K
WW: 3000K

WARNING:

1. Switch off before installation.

2. Switch on only after complete installation and examination of the circuit.

CAUTION:

Make sure that the mounting surface or structural member used for installation can support the weight of LED Panel.

Step 1

Step 2

Slide switch for color selection

DL
CW
WW

Fig 1: Installation Spacing

For the product with Slide Switch of Color Selection, please select the light color (DL/CW/WW) before installation.

Open a hole according to the cutout size of led downlight.

Use screw-driver to open the driver terminal cover, feed the main AC wire L, N, in terminal block respectively, then fix the cover back.

25mm

Power supply

SCG

Slide switch for color selection

Step 3

Step 4

SCG:Side clearance to auxiliary equipment(control gear (CG)) = 25mm

SCB:Side clearance to building element

HCB:Height clearance to building element

MIC:Minimum insulation clearance

Connect the downlight with driver, hold back the spring clip then push the downlight into the hole.

25mm

50mm

90mm

20mm

20mm

Installation Instruction

Model SKU	Diameter (mm)	Cutout (mm)	IP rating
G2-C4D10	95	82-88	54
G2-C2D13	110	105-110	54
G2-C3D10	145	125-135	54
G2-C3D18	145	125-135	54
G2-C3D25	145	125-135	54
G2-C4D18	172	150-165	54
G2-C4D25	172	150-165	54
G2-C4D35	172	150-165	54
G2-C5D18	228	200-210	54
G2-C5D25	228	200-210	54
G2-C5D35	228	200-210	54
G2-C5D45	228	200-210	54

Fig 1: Installation Spacing

Open a hole according to the cutout size of led downlight.

Use screw-driver to open the driver terminal cover, feed the main AC wire L, N, in terminal block respectively, then fix the cover back.

25mm

50mm

90mm

20mm

20mm

Power supply

SCG

Slide switch for color selection

SCG:Side clearance to auxiliary equipment(control gear (CG)) = 25mm

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Connect the downlight with driver, hold back the spring clip then push the downlight into the hole.

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