HANECO LED DOWNLIGHT INSTALLATION GUIDE

TRIM^{PLUS}

Thanks for choosing our **TRIM^{PLUS}** downlight products.
We strongly recommend that you read this manual carefully before installation.

⚠ WARNING

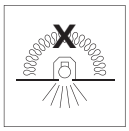
- Installation must be carried out by a licenced electrician and in accordance with these instructions and relevant Australian standards and local regulations.
- Do not install any luminaire near any heat source.
- Before the installation make sure you have turned OFF the electricity supply.
- Ensure the product is connected to a 220-240V AC 50/60Hz power supply.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or by a service agent or licenced electrician in order to avoid hazard.
- Non-user replaceable light source.
- The lens cover of the luminaire is secured by glue, and cannot be removed.
- The warranty is void if product is not installed according to the instructions.
- Risk of overheating or fire if the clearance distances are compromised.
- Installers must ensure that the fitting selected is appropriate for the intended application and environment, consistent with Haneco's published product specifications.
- To maintain optimal performance, fittings should be kept clean to prevent excessive buildup of dust or debris, with periodic cleaning carried out as appropriate to site conditions.
- Products should not be exposed to harsh chemicals or corrosive substances that fall outside the published product specifications, as such conditions may affect performance or warranty coverage.
- Please refer to Haneco's warranty document for full details on the conditions of warranty.

Clearance Guide

This range of Haneco Lighting LED products have been tested to AS/NZS60598.2.2:2016 standards and are approved to the luminaire will not exceed 90°C when side abutted or covered with ceiling insulation*.

***Building insulation used to abut and cover the luminaire must meet the following requirements:**

- Be of a type that can maintain it's dimensions and structural intergrity when exposed to the maximum surface temperatures of the class of luminaire, being 90˚C and must withstand a 30s needle flame test carried out in accordance with AS/NZS 60695.11.5 with the flame applied to all surfaces of the sample.
- [New Zealand Only] Loose fill insulation as defined in NZS4246 is not permitted to abut or cover this luminaire.



Do Not Cover

- Suitable for residential or commercial use in AU. Fitting cannot be covered with building insulation.
- Insulation must be placed as per clearance distances according to manufactures installation guide.

INFO & WARNING	Do Not Cover
The minimum clearance distance from the top of the luminaire to any normally flammable building element (mm) ...	20 mm
The minimum clearance distance from the top of the luminaire to any building insulation (mm)	10 mm
The minimum clearance distance from the side of the luminaire to any normally flammable building element (mm) .	15 mm
The minimum clearance distance from the side of the luminaire to any normally building insulation (mm)	20 mm

Product Specification:

Product Code	Input	Cutout	Power	Dimming Method	IC Rating	IP Rating	Operating Temp	Beam Angle
TRIMPLUS12W-FIX	220- 240Vac, 50/60Hz	90mm	6/8/10/12W	Phase-cut dimmable	Do not cover	IP44 (From below only)	-20˚C - 45˚C	55˚
TRIMPLUS12W-WW	220- 240Vac, 50/60Hz	80mm	6/8/10/12W	Phase-cut dimmable	Do not cover	IP44 (From below only)	-20˚C - 45˚C	55˚

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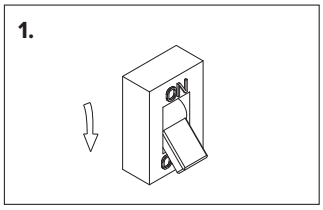
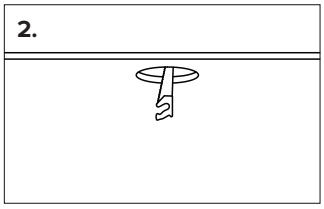
Installation Instructions

1.



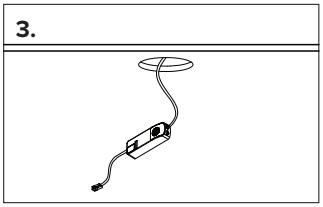
Switch OFF the power.

2.



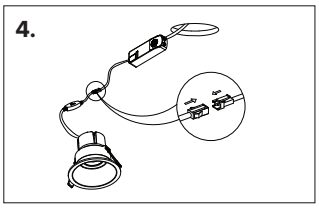
Cut an appropriately sized hole in the ceiling that suits your needs.
(Please check the cutout of the product).

3.



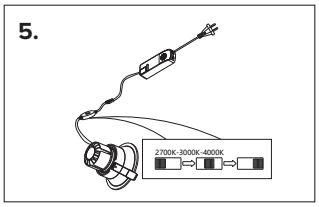
Insert cables through the cut-out into the ceiling.

4.



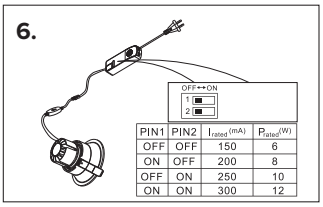
Connect the luminaire to the driver.

5.



Adjust the CCT.

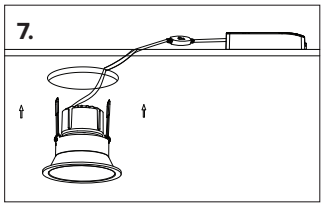
6.



PIN1	PIN2	I_{rated} (mA)	P_{rated} (W)
OFF	OFF	150	6
ON	OFF	200	8
OFF	ON	250	10
ON	ON	300	12

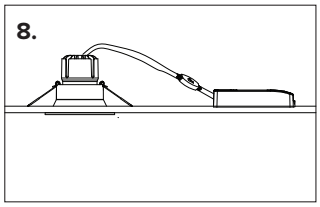
Adjust the power by DIP switch.

7.



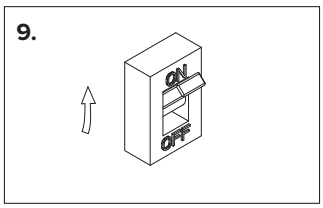
Fold mounting clips up to the sides of the luminaire and insert luminaire through the cut-out.

8.



Secure the luminare.

9.



Switch ON power.