

HANECO LED DOWNLIGHT INSTALLATION GUIDE

OVOLO

Thanks for choosing our **OVOLO** Downlight products.

We strongly recommend that you read this manual carefully before installation.

Product Code: OVL145R-DIM, OVL165R-DIM, OVL200R-DIM, OVL230R-DIM, OVL275R-DIM, OVL145R-DIM-BK, OVL165R-DIM-BK, OVL200R-DIM-BK, OVL230R-DIM-BK, OVL275R-DIM-BK

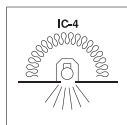


WARNING

- 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, unremovable.
- The warranty is void if product is not installed according to the instructions.
- Risk of overheating or fire if the clearance distances to flammable objects are compromised.

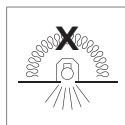
Clearance Guide

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*.



IC-4

- Suitable for residential or commercial use.
- Fitting can be covered with building insulation.
- Can be used where air transfer is not permitted or not desired between living space & roof space.



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	IC-4	Do Not Cover
The minimum clearance distance from the top of the luminaire to any normally flammable building element (mm) ...	0mm	20 mm
The minimum clearance distance from the top of the luminaire to any building insulation (mm)	0mm	10 mm
The minimum clearance distance from the side of the luminaire to any normally flammable building element (mm) .	0mm	15 mm
The minimum clearance distance from the side of the luminaire to any normally building insulation (mm)	0mm	20 mm

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

- Be of a type that can maintain its dimensions and structural integrity 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.

Installation Instructions

1. Cut a hole in the ceilings according to the table below:

PRODUCT CODES	CUT-OUT	HEIGHT	FACE DIAMETER	IC RATING	Dimmable
OVL145R-DIM, OVL145R-DIM-BK	120mm	61mm	145mm	IC-4	Yes
OVL165R-DIM, OVL165R-DIM-BK	135mm	63mm	165mm	DO NOT COVER	Yes
OVL200R-DIM, OVL200R-DIM-BK	160mm	68mm	200mm	DO NOT COVER	Yes
OVL230R-DIM, OVL230R-DIM-BK	195mm	75mm	230mm	DO NOT COVER	Yes
OVL275R-DIM, OVL275R-DIM-BK	230mm	81mm	275mm	DO NOT COVER	Yes

2. Select CCT and power settings.
3. Insert plug and cable through the cut-out into the ceiling cavity and plug into a pre-wired socket outlet inside the ceilings
4. Fold mounting clips up to the sides of the luminaire and insert luminaire through the cut-out. The mounting clips will retract onto the rear face of the ceiling and hold the luminaire in position.
5. Insulation cannot abut and cover the luminaire.

