

HANECO LED DOWNLIGHT INSTALLATION GUIDE

LUME

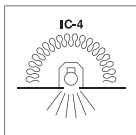
Thanks for choosing our **LUME** Downlight products.
We strongly recommend that you read this manual carefully before installation.

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, unremovable.
- The warranty is void if product is not installed according to the instructions.
- Risk of overheating of 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 (LUME1WD40, LUME1WD40-BK, LUME3WD63, LUME3WD63-BK)

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.

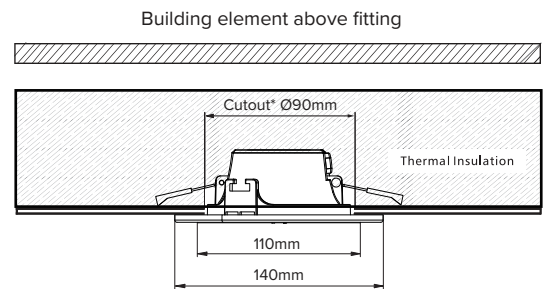


IC-4

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.

INFO & WARNING	
The minimum clearance distance from the top of the luminaire to any normally flammable building element (mm)	0mm
The minimum clearance distance from the top of the luminaire to any building insulation (mm)	0mm
The minimum clearance distance from the side of the luminaire to any normally flammable building element (mm) ...	0mm
The minimum clearance distance from the side of the luminaire to any normally building insulation (mm)	0mm



*Note: Trim adaptor (supplied) supports Ø115-130mm cutout.

Product Specification:

Recessed

Product Code	Input	Dimension	Power (Recharge)	Emergency Classification	IC Rating	IP Rating	Operating Temp	Beam Angle	Colour	Cutout*
LUME1WD40	220- 240Vac, 50/60Hz	Φ110x49mm	1.5W	C0:D40 C90:D40	IC-4	IP20	0°C - 40°C	150°	White	Ø90 mm
LUME1WD40-BK	220- 240Vac, 50/60Hz	Φ110x49mm	1.5W	C0:D40 C90:D40	IC-4	IP20	0°C - 40°C	150°	Black	Ø90 mm
LUME3WD63	220- 240Vac, 50/60Hz	Φ110x56mm	2.5W	C0:D63 C90:D63	IC-4	IP20	0°C - 40°C	150°	White	Ø90 mm
LUME3WD63-BK	220- 240Vac, 50/60Hz	Φ110x56mm	2.5W	C0:D63 C90:D63	IC-4	IP20	0°C - 40°C	150°	Black	Ø90 mm

*Note: Trim adaptor (supplied) supports Ø115-130mm cutout.

Surface Mount

Product Code	Input	Dimensions	Power (Recharge)	Emergency Classification	Colour	IP Rating	Operating Temp	Beam Angle
LUME3WD63-SM	220- 240Vac, 50/60Hz	Φ165x107.5mm	2.5W	C0:D63 C90:D63	White	IP20	0°C - 40°C	150°
LUME3WD63-SM-BK	220- 240Vac, 50/60Hz	Φ165x107.5mm	2.5W	C0:D63 C90:D63	White	IP20	0°C - 40°C	150°

Product Code:

LUME1WD40 **LUME1WD40-BK**
LUME3WD63 **LUME3WD63-BK**
LUME3WD63-SM **LUME3WD63-SM-BK**

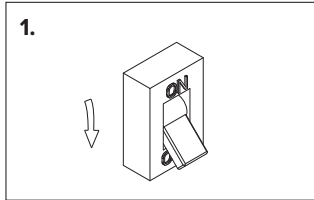
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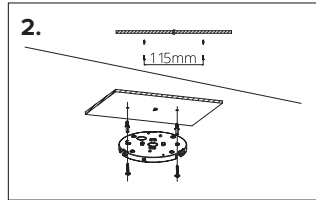
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Installation Instructions

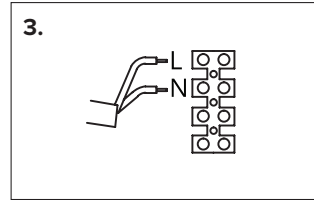
Surface Mount Model (LUME3WD63-SM, LUME3WD63-SM-BK)



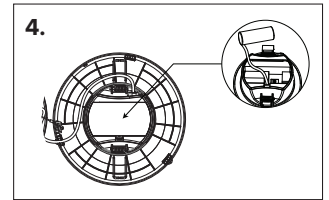
Switch OFF the power.



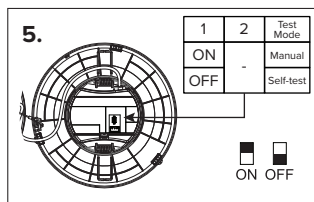
Fasten base to surface



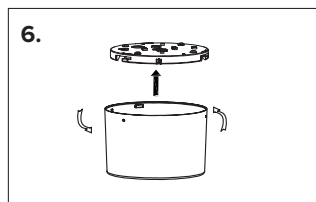
Wire the fitting as illustrated.



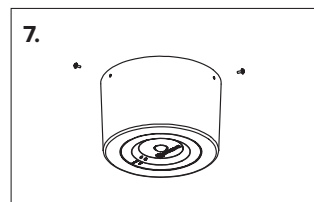
Open the cover and remove the battery.



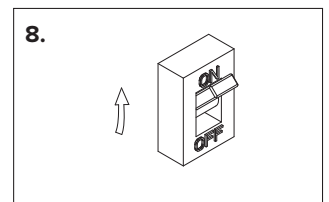
Change operation mode by DIP switch and reinstall the battery and cover.
(Default Setting: Self-Test Mode)



Install the luminaire.

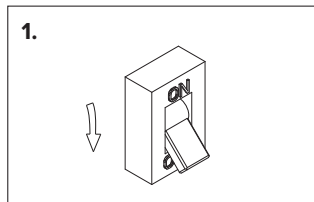


Lock on luminaire by screws.

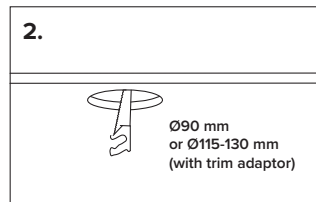


Switch ON power.

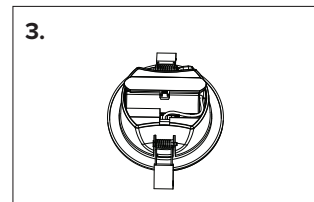
Recessed Model (LUME1WD40, LUME1WD40-BK, LUME3WD63, LUME3WD63-BK)



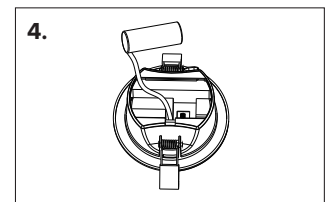
Switch OFF the power.



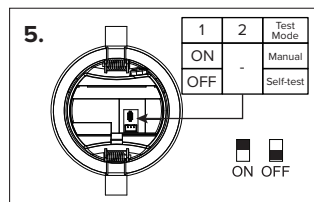
Cut an appropriately sized hole in the ceiling that suits your needs.



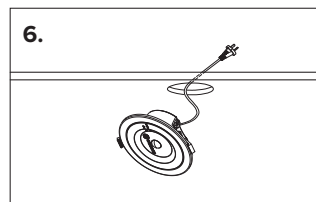
Open the battery cover



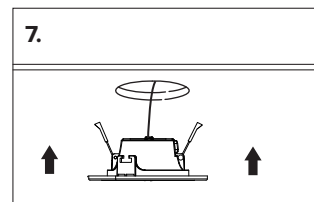
Remove the battery.



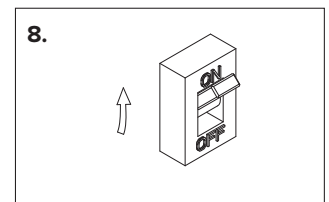
Change operation mode by DIP switch and reinstall the battery and cover.
(Default Setting: Self-Test Mode)



Insert cables through the cut-out into the ceiling cavity and plug into a pre-wired socket outlet inside the ceiling.



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



Switch ON power.

Product Code:

LUME1WD40

LUME3WD63

LUME3WD63-SM

LUME1WD40-BK

LUME3WD63-BK

LUME3WD63-SM-BK

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Test Function:

Key operation	Function Description
Functional Testing	Initiate a 5 seconds function test when press test switch for 0.1 - 1s
Duration Test (SELF-TEST mode)	- Initiate a 90 min duration test after a new / flat battery been full charged (16 hours). - Auto-run a 90 min duration test every 26 weeks. - Auto-run a 90 min duration test every 52 weeks.

When the main power supply is interrupted and the battery power is used up, the timer will be reset.

LED indication	Commentary	Notes
Permanent Green	System OK	AC mode
Fast flashing yellow (1s on, 1s off)	Function test can be manually checked by pressing test switch.	Detects emergency switching function
Fast flashing yellow (0.5s on, 0.5s off)	Luminaire failure	Open circuit, short circuit, or LED failure *1
	Battery failure/under voltage	Battery voltage issue, failure, or defect detected *2
LED indication off	DC mode (emergency operation)	Running on battery (emergency mode)

Additional Indication Status under Self-Testing mode

Flashing yellow (2s on , 2s off)	Duration test (initially, every half-year and every year after installation or if timer is reset).	Test battery capacity and check whether load is faulty(90 minutes).
Slow flashing yellow (4s on, 1s off)	Auto-run self-test (half-year and year) finalized.	Slow yellow light flashing will continue for 5 days before turning to solid green.

Product Code:

LUME1WD40	LUME1WD40-BK
LUME3WD63	LUME3WD63-BK
LUME3WD63-SM	LUME3WD63-SM-BK