HANECO WEATHERPROOF LED BATTEN INSTALLATION GUIDE

TRIPROOF^{G2}

Please read these installation instructions carefully before installing or maintaining this equipment. The product is designed for installation and maintenance in accordance with relevant Australian standards (AS/NZS3000), by an authorised and licensed electrician. The installation instructions were correct at the time of print. To reflect changes in technology and Australian and New Zealand standards; Haneco reserves the right to amend the instructions without notice. Updated guidelines can be found on relevant brand web site.

HACCP International Certification is only met when the luminaire is installed flush on ceiling.
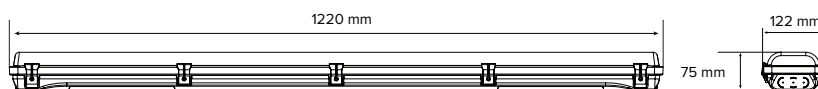
PRODUCT NAME: TRIPROOF^{G2} LED Batten

Issue Date: 17/02/2025

Product code	TRIPROOF06	TRIPROOF06-EM	TRIPROOF12	TRIPROOF12-MS	TRIPROOF12-EM	TRIPROOF12-MS-EM	TRIPROOF15	TRIPROOF15-EM
Power*	10/13/17/20W	10/13/17/20W	20/26/34/40W	18/24/32/38W	20/40W	18/24/32/38W	33/41/50/60W	60W
CCT	3000/4000/5000K							
CRI	>85							
IP Rating	IP65							
IK Rating	IK08							
Projected Lifespan	>50,000 hrs @ Ta45°C(L80)*							
Flicker-free	Yes	Yes	Yes	No	No	No	Yes	Yes
Driver	Built-in							
Nominal Voltage & Frequency	220-240Vac,50/60Hz							
Power Factor	>0.9							
Surge Protection Rating	Overload / Short Circuit							
Inrush Current	< 15A @ 300µs	< 15A @ 300µs	< 25A @ 200µs	< 15A @ 100µs	< 10A @ 100µs	< 15A @ 100µs	< 35A @ 200µs	< 60A @ 300µs
Rated Operating Ambient Temperature	-20 to 45 °C	0 to 45 °C	-20 to 45 °C	-20 to 45 °C	0 to 45 °C	0 to 45 °C	-20 to 45 °C	0 to 45 °C
Electrical Connection	PA14 Terminals							
Installation Type	Surface Mount / Suspended							
Warranty	5 yrs	3 yrs	5 yrs	5 yrs	3 yrs	3 yrs	5 yrs	3 yrs

Line diagrams and dimensions

660 mm
122 mm
75 mm

TRIPROOF06/ TRIPROOF06-EM

1220 mm
122 mm
75 mm

TRIPROOF12/TRIPROOF12-EM/ TRIPROOF12-MS/TRIPROOF12-MS-EM

1520 mm
122 mm
75 mm

TRIPROOF15/ TRIPROOF15-EM

*Nominal Wattage. Plus 3W while battery recharge for emergency models
*100,000hr lifespan on LED chips

HANECO

For more information
www.haneco.com.au
1300 001 LED

Lighting Council
AUSTRALIA MEMBER

TRIPROOF^{G2}

Installation

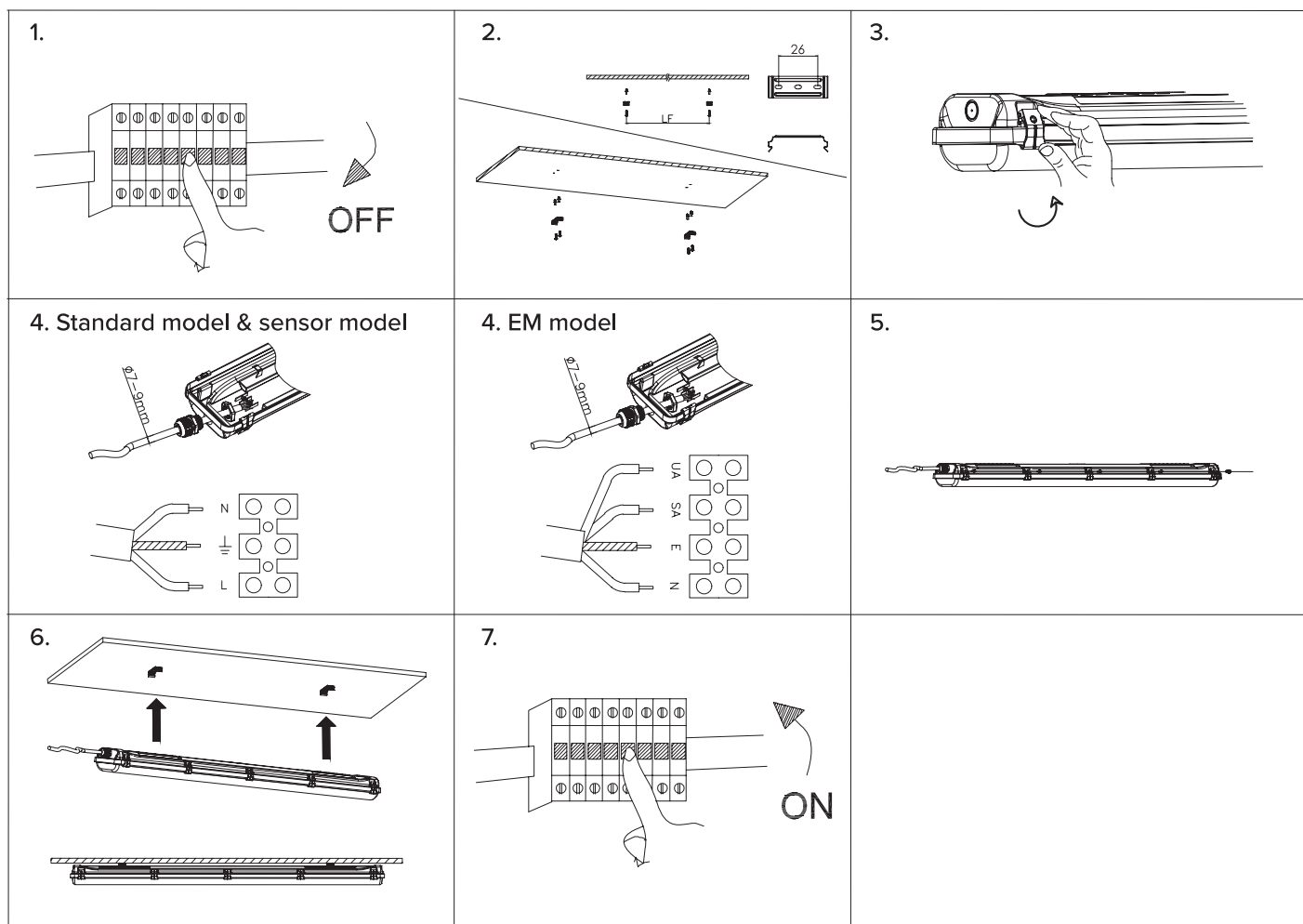| Fitting Code:	TRIPROOF06	TRIPROOF12	TRIPROOF12-MS	TRIPROOF15
	TRIPROOF06-EM	TRIPROOF12-EM	TRIPROOF12-MS-EM	TRIPROOF15-EM

To ensure correct function and safety, please read and follow all instructions carefully before using the product.

1. Turn off the power switch.

2. Drill two dia. 6mm holes in the wall, spaced 26mm apart. Then, drill another two dia. 6mm holes at the distance of LF (refer to product specs) from the first set. Secure the stainless steel mounting brackets using M4 self-tapping screws. (Use the mounting templates provided on packaging for easy install)

3. Gently open the stainless steel clips and remove the lampshade and LED panel.

4. Take out the M20 waterproof connector and insert the power cable through it. Tighten the waterproof connector onto the batten body and connect the power wires to the terminal block.

5. Close the lampshade and use a triangular screwdriver to lock the stainless steel clips.

6. Attach the batten light to the stainless steel brackets.

7. Turn on the power switch and check if the light is working properly.

Models	L (mm)	W (mm)	H (mm)	LF (mm)
TRIPROOF06 TRIPROOF06-EM	660	122	75	348
TRIPROOF12 TRIPROOF12-MS TRIPROOF12-EM TRIPROOF12-MS-EM	1220	122	75	800
TRIPROOF15 TRIPROOF15-EM	1520	122	75	1100

1.

OFF

2.

3.

4. Standard model & sensor model

4. EM model

5.

6.

7.

ON

HANECO

For more information
www.haneco.com.au
1300 001 LED

Lighting Council
AUSTRALIA MEMBER

TRIPROOF^{G2}

EMERGENCY WIRING DIAGRAM

Fitting Code:	TRIPROOF06-EM	TRIPROOF12-EM	TRIPROOF12-MS-EM	TRIPROOF15-EM
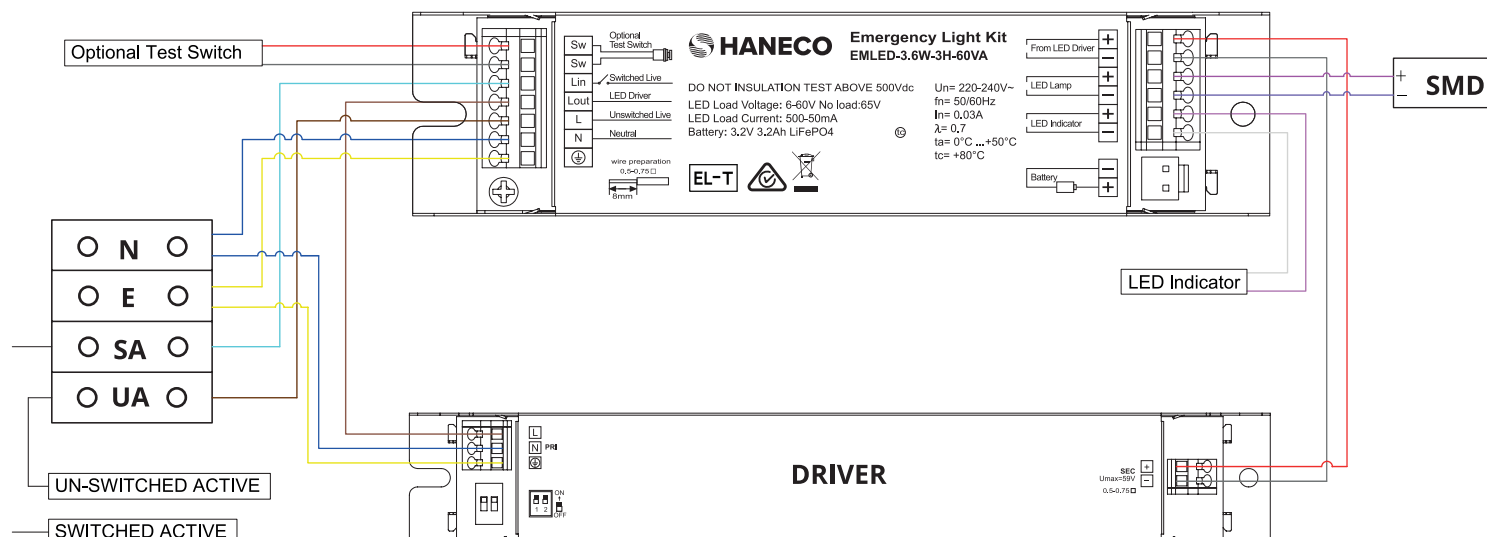
Wiring for Maintained Mode:
Switched Supply: Connect Switched Mains Supply Active from On/Off Switch to Switched Active terminal (Sw.A)
Maintained Supply : Connect Hard Mains Supply Active to Un-Switched Active terminal (Un.Sw.A).

For 24/7 Operation (no switch in circuit) Connect Un-Switched Mains Supply Active to Un-Switched Active (Un.Sw.A)
and loop into Switched Active terminal(Sw.A).

Wiring for Non Maintained Mode:
Connect Hard Mains Supply Active to Un-Switched Active terminal (Un.Sw.A) only.

Maintained Mode definition
Normal Mains Supply LED Luminaire is Illuminated during Switching On conditions and at loss of Mains Supply
Power Failure LED remains on under Battery Backup supply.

Non-Maintained Mode definition
LED Luminaire is not illuminated during Normal Mains Supply conditions, only at loss of Mains Supply Power
Failure LED comes on under Battery Backup Supply.

For Full Battery Charging Conditions, the Emergency Luminaire must have Continuous Charging of Battery Pack for
at least 16 Hours to allow sufficient Battery Backup Supply conditions for minimum Illumination requirements in
accordance to AS2293 guidelines.

HANECO

For more information
www.haneco.com.au
1300 001 LED

Lighting Council
AUSTRALIA MEMBER

TRIPROOF^{G2}

Self Test Function:

Key operation	Functional Description
Functional Testing	Initiate a 5 seconds function test when press test switch
Duration Test	• Initiate a 90 min duration test after new battery been full charged (16 hours). • Auto-run a 90 min duration test every 26 weeks. • Auto-run a 90 min duration test every year.

Status Indication:

LED indication	Commentary	Notes
Permanent Green	System OK	AC mode
Fast flashing yellow (1s on, 1s off)	Function test (press test switch)	Detects emergency switching function
Slow flashing yellow (4s on, 1s off)	Duration test (initial, half-yearly, annual check)	Emergency duration: 90 minutes
Slow flashing yellow (4s on, 1s off)	Half-yearly/annual check OK	Indicator light prompt active for 5 days
Fast flashing yellow (0.5s on, 0.5s off)	Luminaire failure	Open circuit, short circuit, or LED failure *1
Fast flashing yellow (0.5s on, 0.5s off)	Charging or battery failure/under voltage	Battery voltage issue, failure, or defect detected *2
Green and Red off	DC mode (emergency operation)	Running on battery (emergency mode)

*1. If the intelligent emergency controller runs the self-check program and detects a load fault (LED), the yellow light will slowly flash, and the output will stop. The issue must be diagnosed, the load repaired, and the test button held for 5 seconds to restore normal operation.

*2. If the intelligent emergency controller runs the self-check program and detects a battery fault, the yellow light will slowly flash, and the output will stop. The issue must be diagnosed, the battery disconnected and reconnected, and normal operation restored.

HANECO

For more information
www.haneco.com.au
1300 001 LED

Lighting Council
AUSTRALIA MEMBER

TRIPROOF^{G2}

INTELLISENSOR USER MANUAL

| Fitting Code:	TRIPROOF12-MS	TRIPROOF12-MS-EM

Sensor Function

The Haneco Intellisensor offers smart, auto dimming technology for a more sustainable standby lighting application. It includes a built-in microwave module, daylight sensor, 12V DC input and PWM dimming signal output.

All smart functionality parameters can be set using the DIP switches to give you total control over your luminaires in order to meet all requirements.

| Function	Functional Description	Default Setting
Hold Time	Automatically provides full illumination for up to 30 minutes (options: 5s, 30s, 3min, 10min)	3 minutes
Stand-by Period	Automatically switches to dimmed standby mode (options: 0s, 1min, 10min, ∞)	10 minutes
Standby Dim Level	Adjustable to 2 light levels (20% or 30%) for security/safety needs	20%
Daylight Threshold	Saves energy during the day with 4 daylight threshold options (15Lux, 50Lux, 150Lux, Disable)	50Lux
Detection Sensitivity	Adjustable sensitivity with 4 settings (100%, 75%, 50%, 25%) up to 5 meters	100%

2-Step Dimming Function

Stand-by period is set to "+∞", daylight sensor is set to "Disable", other sensor parameters can be set for actual needs.
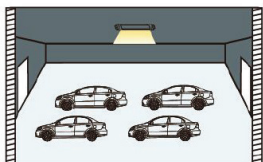
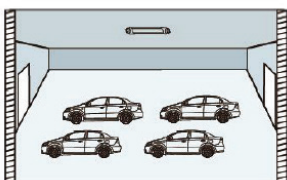If no motion is detected, the light will remain at a low brightness level continuously.
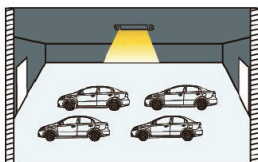
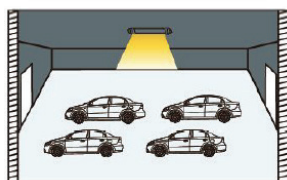When motion is detected, the sensor will activate the light to 100% brightness.
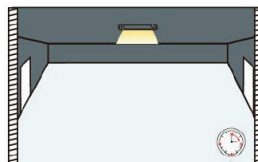
Once the hold time has passed, the sensor dims the light back to the preset low level if no further motion is detected.
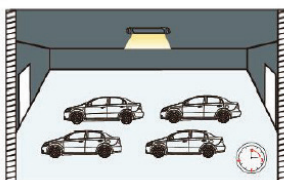
3-Step Dimming Function

Stand-by period is set to "min/10min" cavlight sensor s set to "15Lux/50Lux/150Lux" other sensor parameters can be set for actual needs.
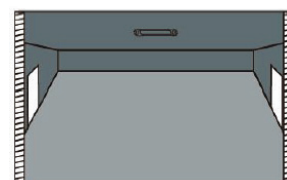

If there is enough ambient light, the light will remain off even when motion is detected.

When ambient light is insufficient, the sensor will turn on the light when motion is detected.

After the hold time has passed, the sensor dims the light to a low level if no additional motion is detected.

Once the standby period ends, the sensor turns off the light if no motion is detected in the area.
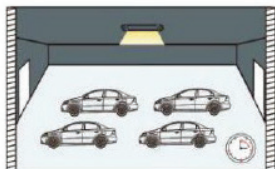
HANECO

For more information
www.haneco.com.au
1300 001 LED

Lighting Council
AUSTRALIA MEMBER
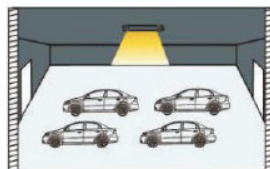
TRIPROOF^G2

Daylight Priority Function

Stand-by period is set to "+∞", daylight sensor set to "10/30/50lux", other sensor parameters can be set for actual needs.
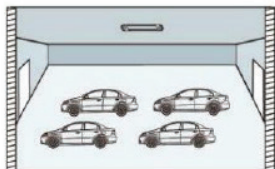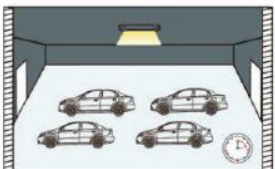
If there is sufficient ambient light, the lamp will remain off even if motion is detected.
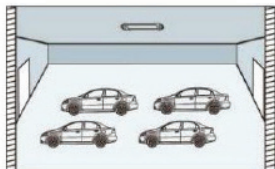
When ambient light is low, the lamp will turn on and enter standby mode at a low brightness level.

If motion is detected in low ambient light, the lamp will illuminate fully.

After the hold time, if no movement is detected, the lamp will automatically dim to standby brightness.

Once the standby period has passed, and if no motion is detected and ambient light is sufficient, the lamp will turn off automatically.

Sensor Settings

Function	Detection Area			Hold Time			Daylight Sensor			Stand-by period			Stand-by Dim Level	
Dial Code	1	2	Detection area	3	4	Hold Time	5	6	Light control value	7	8	Stand-by period	9	Stand-by Dim Level
I	ON	ON	100%	ON	ON	5s	ON	ON	15Lux	ON	ON	0s	ON	20%
II	ON	-	75%	ON	-	30s	ON	-	50Lux	ON	-	1min	-	30%
III	-	ON	50%	-	ON	3min	-	ON	150Lux	-	ON	10min		
IV	-	-	25%	-	-	10min	-	-	Disable	-	-	+∞		

HANECO

For more information
www.haneco.com.au
1300 001 LED

Lighting Council
AUSTRALIA MEMBER