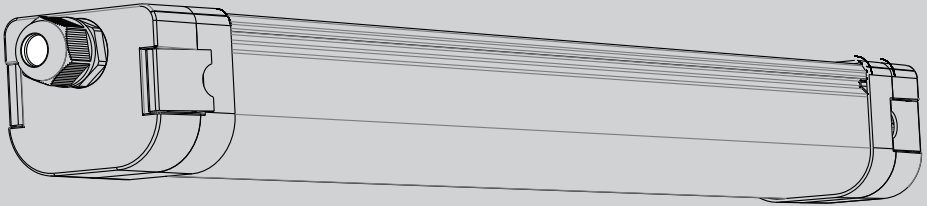


# USER MANUAL



## DANGER

Warning against hazards that may result in material damage in case of non-observance.

## CAUTION

Risk of injury caused by a falling luminaire.

In case of improper mounting, the luminaire or luminaire elements may fall down and cause personal injuries and material damage.

- X The installation must be performed by a trained skilled electrician only.
- X Mount only on a ceiling which is suitable for mounting.
- X Use suitable screws and dowels only.
- X Use only the delivered fastening elements or other suitable fastening elements available from the manufacturer.
- X Mount all securing elements.

## WARNING

Risk of electrocution due to live components.

In case of incorrect connection, the housing of the luminaire or the wire ropes may carry electric voltage and cause severe injuries.

- X Have the luminaire connected by a skilled electrician only.
- X The luminaire must be connected to a mains supply with protective earth conductor.
- X Connect the grounding cable mounted on the holding plate to the protective earth conductor terminal.

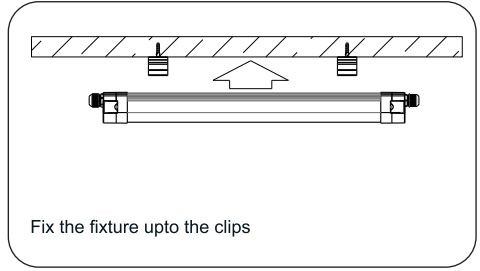
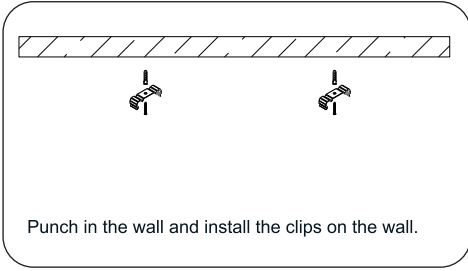
## NOTICE

Material damage if the admissible total power consumption is exceeded.

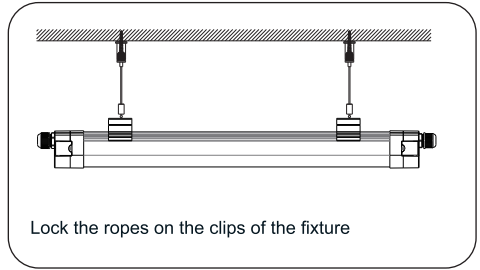
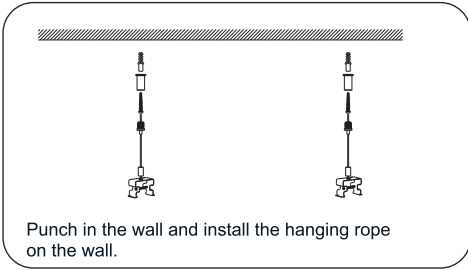
Damage or destruction of the luminaire.

- X Do not daisy chain more than six luminaires.

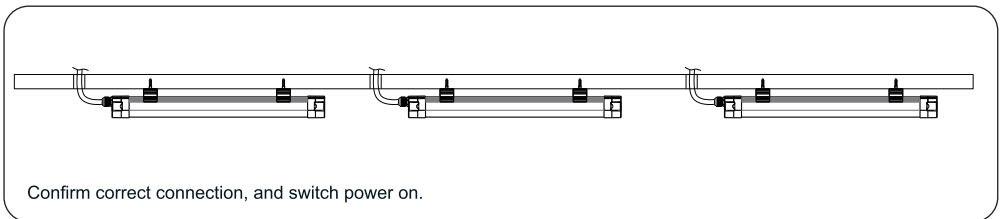
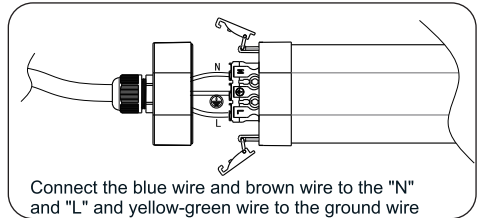
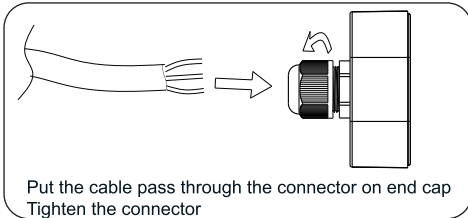
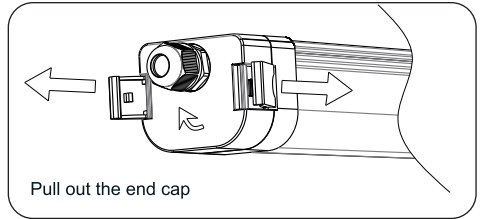
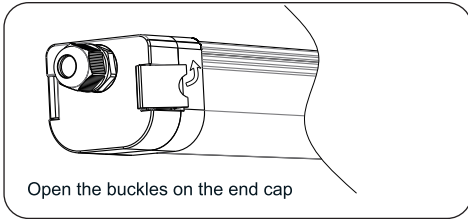
**Surface Mounting Installation**



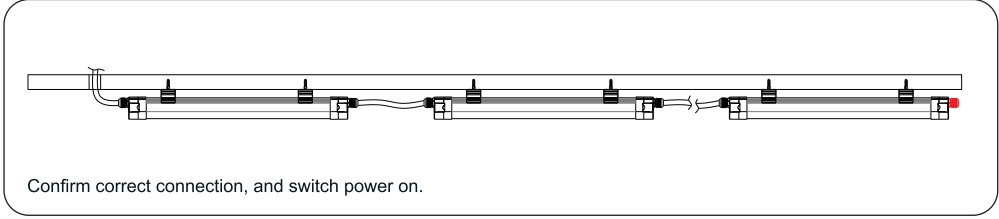
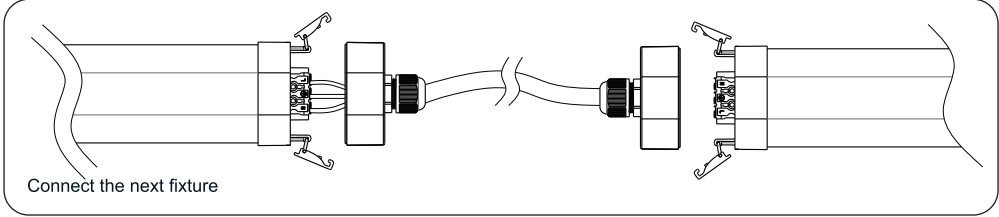
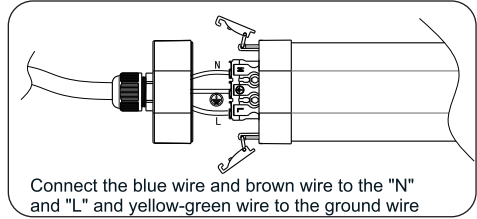
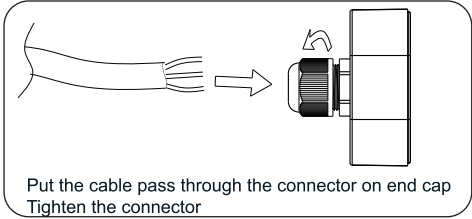
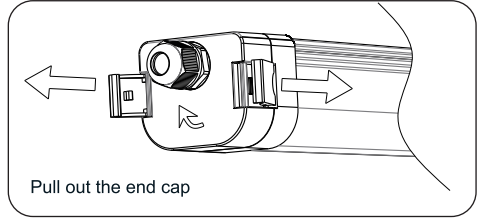
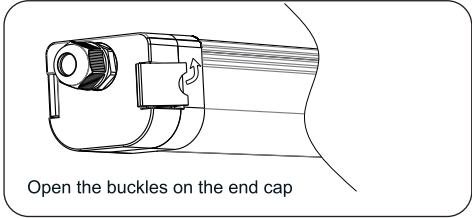
**Suspension**



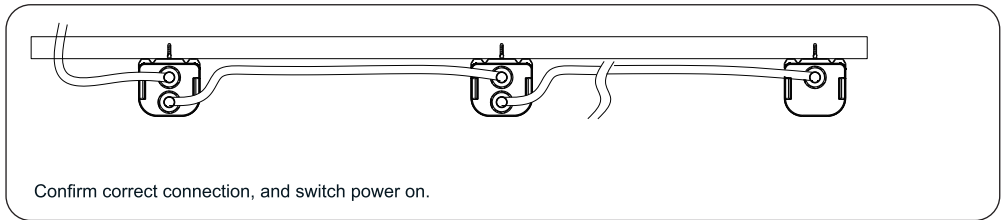
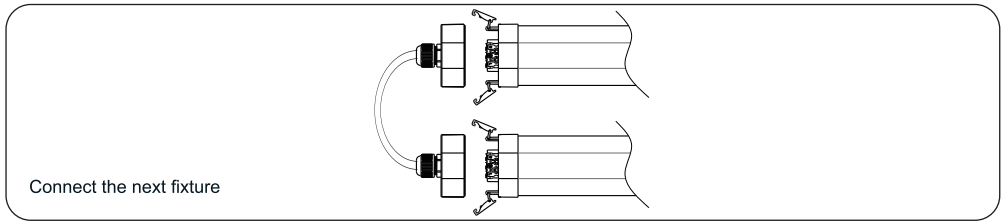
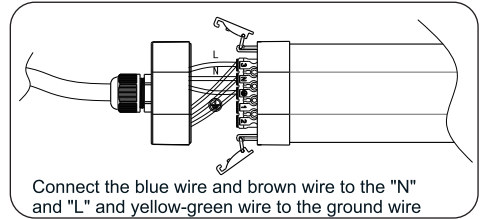
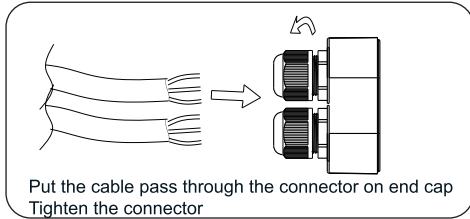
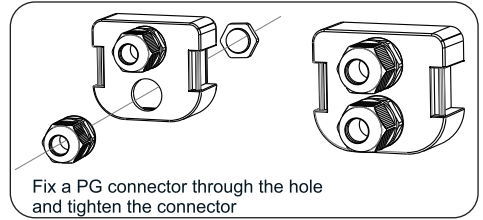
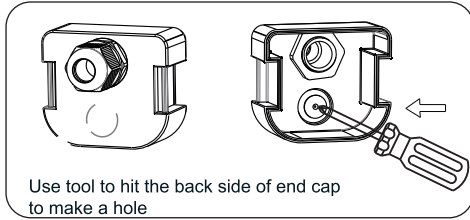
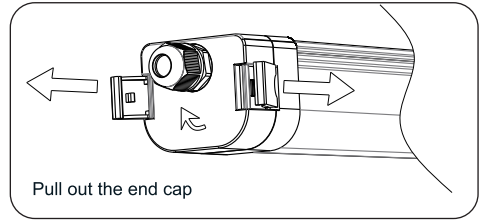
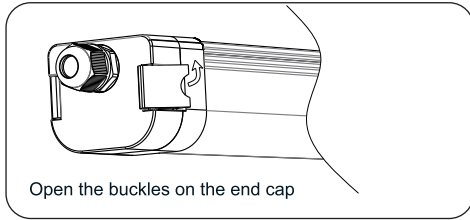
**Wiring (standard)**



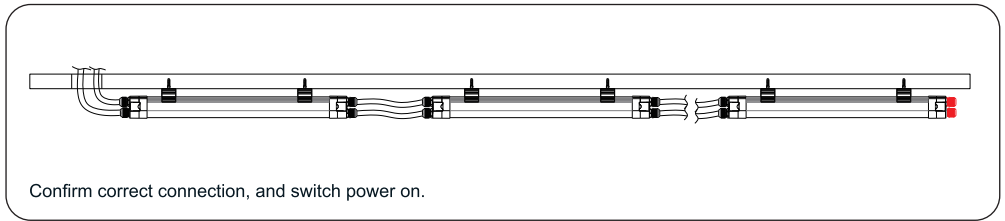
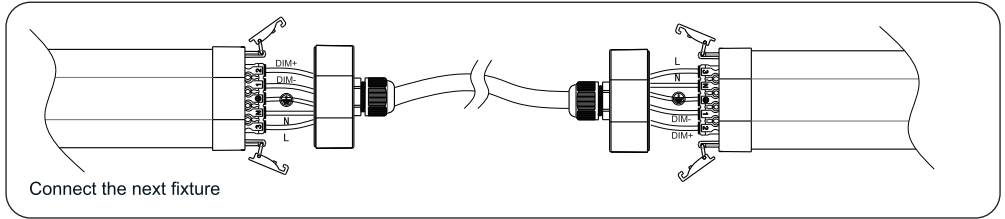
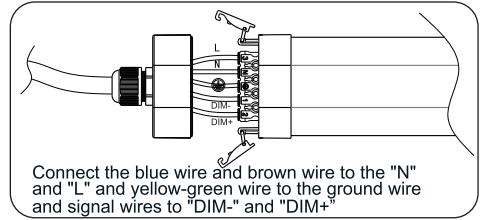
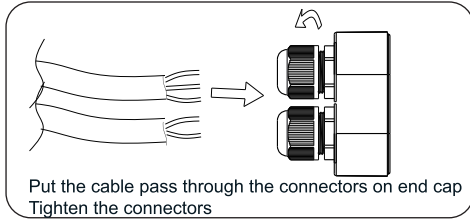
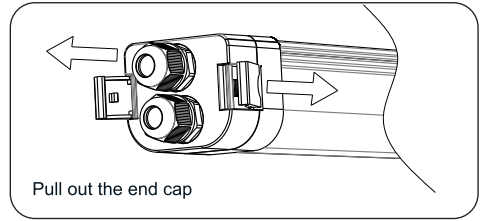
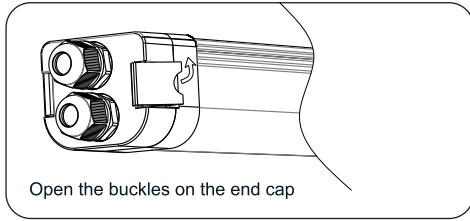
Wiring (Linkable)



Wiring (two cables from single end)



**Wiring (0/1-10V Dimmable & Dali)**

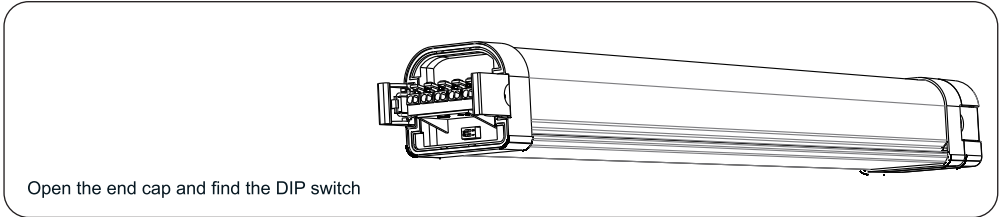
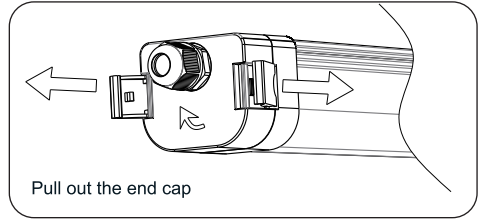
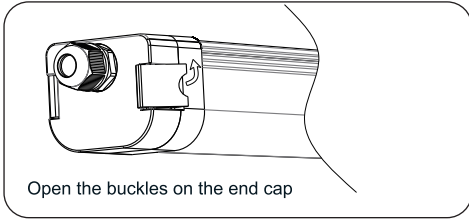


**Loading Capacity**

Model	Loading Quantity/series		Loading Quantity/series		Loading Quantity/series	
	3x1.5mm <sup>2</sup>		3x2.5mm <sup>2</sup>		5x2.5mm <sup>2</sup>	
Inner Cable						
Volt (input)	230V	110V	230V	110V	230V	110V
20w	120pcs	60pcs	240pcs	120pcs	720pcs	360pcs
40w	60pcs	30pcs	120pcs	60pcs	360pcs	180pcs
60w	40pcs	20pcs	80pcs	40pcs	240pcs	120pcs

**DIP Switch Setting**

By selecting the combination on the DIP switch, the fixture can be precisely setted for different power and brightness



**Power Adjustable**

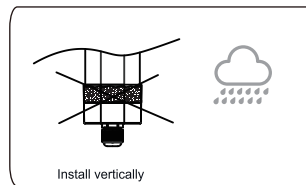
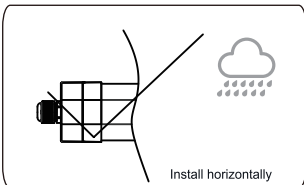
ON	DIP 1	DIP 2	0.6M	1.2M	1.5m
↑	OFF	OFF	10W	20W	30W
	OFF	ON	14W	25W	40W
	ON	OFF	17W	30W	50W
	ON	ON	20W	40W	60W

**CCT Adjustable**

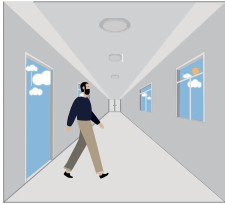
**3000K**      **4500K**      **6000K**

**Caution**

For outdoor installation, please install the lamp horizontally instead of vertically to avoid long-term water accumulation at the lamp plug position, which may cause water ingress.



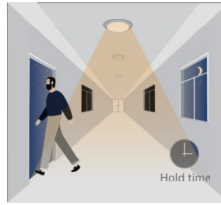
**Sensor working program**



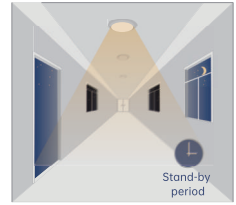
With sufficient daylight, even when motion detected, light remains OFF



With insufficient daylight, when motion detected, light ON.



Light goes to the holdtime and keeps current brightness after motion leaves



Light goes to the standby period and keeps only 50% of the current brightness

**Sensor default setting parameters**

- Sensitivity:100%
- Hold on time: 5s
- Daylight sensor: off
- Stand-by time: 0min
- Dimming level: 10%

**Remote control using steps**

1. ON/OFF button to turn on the light
2. SCENE button to start programming
3. Choose functional button of detection area, see icon blinking on the LCD screen display then use + - buttons to change
4. Same programming with all the other functional buttons of holdtime, standby dimming level, standby period and daylight threshold
5. Done and leave the remote.

\*Icon keeps blinking on the screen for 5S that means the program will then be kept after 5S

\*Each press will make sensor dim down light then back to 100%, it means remote signal has been well received.

**2.MEMORY AND APPLY**

@the 1st sensor

1. ON/OFF button to turn on the light
2. SCENE button to start programming
3. START button
4. Choose functional button of detection area, see icon blinking on the LCD screen display then use + - buttons to change
5. Same programming with all the other functional buttons of holdtime ,standby dimming level, standby period and daylight threshold

6.MEMORY button

7. APPLY button

@the other sensors

1. ON/OFF button to turn on the light
- 2.SCENE button to start programming
- 3.APPLY button

**3.MANULLY DIMMING**

ON/OFF mode

1. ON/OFF button to turn on the light
2. Press +- button to dim light directly, it dims from 10% to 100%

DIMMING mode

1. ON/OFF button to turn on the light
  2. SCENE button to start programming
  - 3.POWER button
  4. +- buttons to dim light, but it only dims from 60% to 100%: 50% is one of the standby dimming level options
- \*Number on LCD screen display may keep changing 10%-100%.

## SCREEN DISPLAY, MEMORY & APPLY FUNCTION, OPTIONAL SCENES

### Briefing of Button Functions



Buttons	Function	Function Performance
	ON/OFF	Turn ON or OFF light and keep the sensor in ON/OFF mode.
	Auto	Enter into SENSOR MODE and perform the last time setting.
	Reset	Go back to default program; Enter into SENSOR MODE and perform the default program.
<b>Function Programming Buttons</b> ▼		
	Scenes	Keep favorable program(Detection area, holdtime, daylight threshold, standby dim level and standby period) into different scenes and apply them quickly.
	Start	Press this button to start programming, S icon on LCD screen display started to blink; after programming press MEMORY button, S icon keeps being.
	Memory	Press this button to memorize program and saved it into SCENES; after pressing it, M icon's bright then off after 3S.
	Apply	Press this button to send the program(detection area, holdtime, daylight threshold, standby dim level and standby period) and sensor works in SENSOR mode.
	Mounting Height	Adjust detection area/sensitivity levels according to real installation situations, higher or lower.
	Send	Memorize and send out the last time setting of individual parameters(detection area, holdtime, standby dim level, standby period, daylight threshold, power, CCT, Daylight Harvesting, ON/OFF, Auto, Reset, Mounting Height, test)
	Detection Area	Adjust from detection area options 25%, 50%, 75% and 100%.
	Daylight Threshold	Adjust from daylight threshold options, there are "--"(disable), 2lux, 10lux, 30lux, 50lux, 80lux, 120lux, 200lux, 250lux, 300lux, 350lux, 400lux, LEN(daylight learning).
	Standby Dim Level	Adjust from standby dim levels, 10%, 20%, 30% and 50%.
	Holdtime	Adjust from holdtime options: 5S, 30S, 1min, 3min, 5min, 10min, 20min and 30min.
	Standby Period	Adjust from Standby Period options, 0S, 10S, 30S, 1min, 5min, 10min, 30min, 60min and "--" as infinite.
	CCT Selectable	(To work with CCT supported sensors)Adjust from CCT options, 2700K, 3500K, 4000K, 5000K, 5700K, 6500K.
	Brightness Adjustable	Adjust brightness in both ON/OFF mode & SENSOR mode, minimum 10%, max 100%, each pressing makes 5% change.
	Reserved Button	This remote control works for the next years, we keep this reserved button for the future reference.
	Daylight Harvesting	Daylight harvesting function enabled or disabled.
	Test Button	Quick testing button for only 2S ON then OFF.
	+	Choose higher parameters. Tips: 1. Press POWER button then keep pressing + button get you directly to 100%
	-	Choose lower parameters. Tips: 1. Press POWER button then keep pressing - button get you directly to 10%