VLGL8-B Installation Instruction

Cautions:

1. Can not use the electric generator to test the LED lamp.
2. Please abide by related country, regional and local law and regulations when install this fixture.
3. Please turn off the power before installation or maintenance.
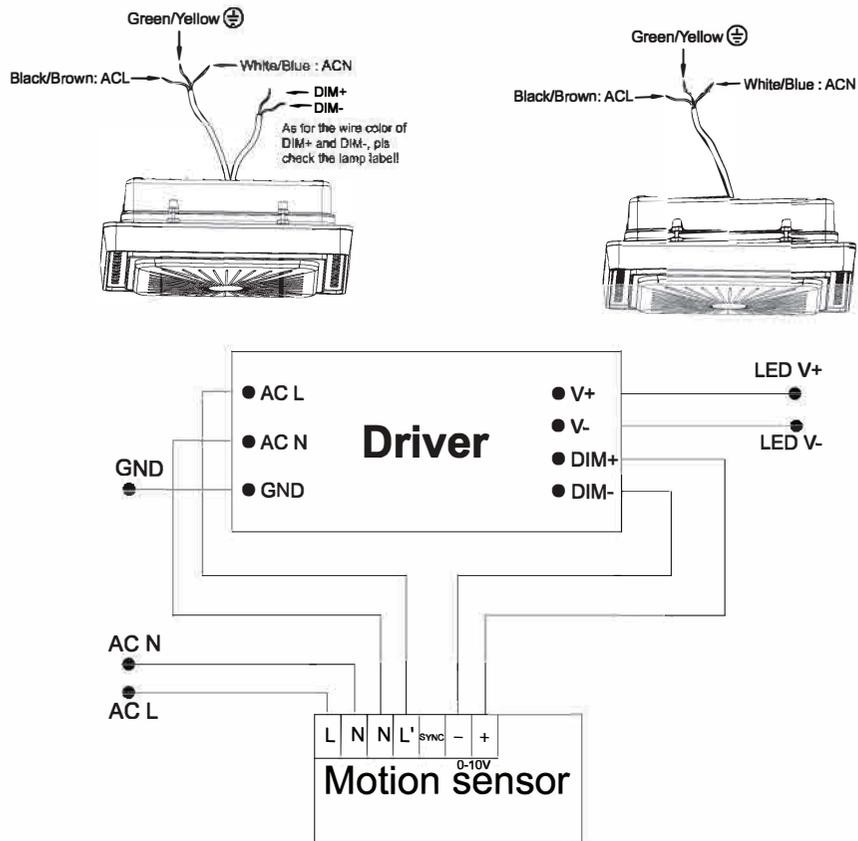4. Proper earth grounding is required to ensure safety.

Notice:

1. To avoid possibility of electrical shock or fire, the installation personnel must have professional electric knowledge.
2. Please wear gloves to avoid injury before installation.
3. If any smoke or spark of the wire happened, please turn off the power immediately and notify relevant personnel.

Attention:

1. Please check if there is any damage during shipping. If so, please contact manufacturer timely.
2. Please read the installation instruction carefully to check whether all the accessories are complete. After confirmation, then install the fixture according to installation steps.

Wiring Diagram:

☑ Installation Method I :

1. Disassemble the driver box cover by loosen the two screws on the junction box; Figure 1-1
2. Loosen the 3/4 plug on the junction box cover by screwdriver; Figure 1-2
3. Fix the junction box cover on the 3/4 tube; Figure 1-3
4. Insert the mounting hole of radiator horizontally to the shaft of driver cover; Figure 1-4
5. Connect the input line and ground; If the fixture is equipped with sensor, adjust the sensor settings, Take relevant waterproof measures after the wires are connected ;Figure 1-5
6. Turn the radiator up then cover the junction box, Figure 1-6
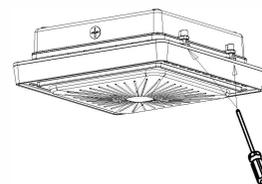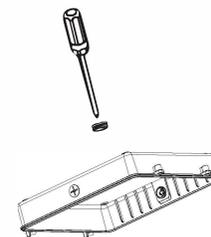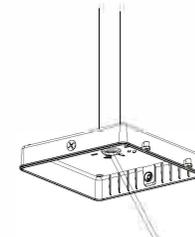7. Lock the two cap screws, the product is installed. Figure 1-7
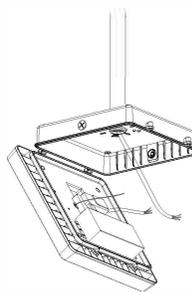

Figure 1-1   Figure 1-2   Figure 1-3
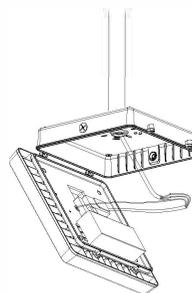

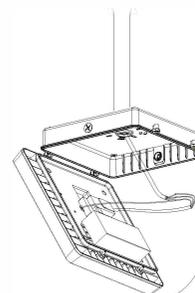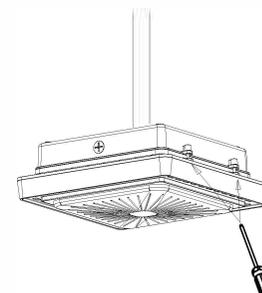Figure 1-4   Figure 1-5   Figure 1-6   Figure 1-7

☑ Installation Method II :

1. Disassemble the junction box cover by loosen the two screws on the junction box; Figure 2-1
2. Loosen the 3/4 plug on the junction box cover by screwdriver; Figure 2-2
3. Drill the holes on the ceiling accordingly to fit the plate; Figure 2-3
4. Fix the junction box cover on the ceiling; Figure 2-4
5. Insert the mounting hole of radiator horizontally on the shaft of driver cover; Figure 2-5
6. Connect the input line and ground; If the fixture is equipped with sensor, adjust the sensor settings; Take relevant waterproof measures after the wires are connected ;Figure 2-6
7. Turn the radiator up then cover the junction box, Figure 2-7
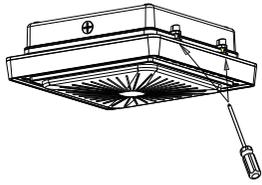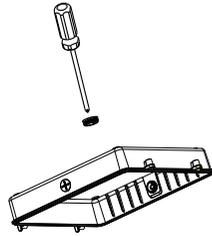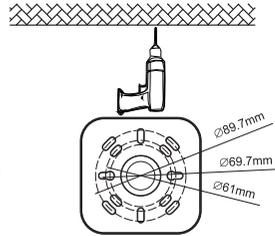8. Lock the two cap screws, the product is installed. Figure 2-8
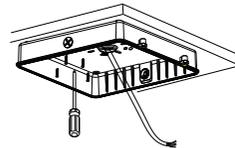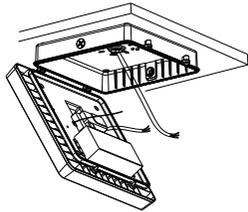
Figure 2-1   Figure 2-2   Figure 2-3   Figure 2-4
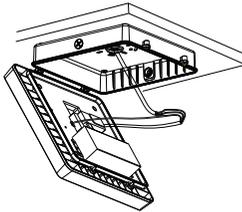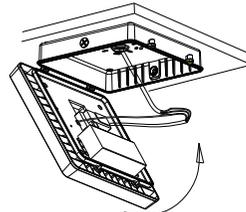

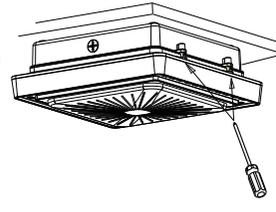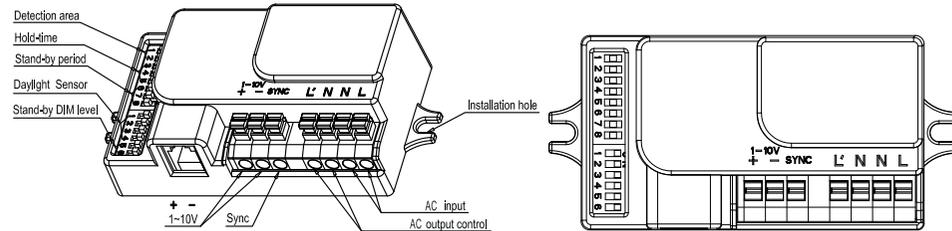Figure 2-5   Figure 2-6   Figure 2-7   Figure 2-8

Structure of motion sensor

Setting:

By selecting the combination on the DIP switch, sensor data can be precisely set for each specific application.

Detection area

	1	2	
I	ON	ON	100%
II	ON	–	75%
III	–	ON	50%
IV	–	–	25%

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application .

Factory setting: I

Hold time

	3	4	5	
I	ON	ON	ON	5S
II	–	ON	ON	30S
III	ON	–	ON	90S
IV	–	–	ON	3min
V	ON	ON	–	20min
VI	–	–	–	+∞

Refers to the time period the lamp remains at 100% illumination after no motion detected.

Factory setting: VI

Stand-by period

	6	7	8	
I	ON	ON	ON	0S
II	–	ON	ON	5S
III	ON	–	ON	5min
IV	–	–	ON	10min
V	ON	ON	–	30min
VI	–	ON	–	1h
VII	–	–	–	+∞

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to Disable mode, the low light is maintained until motion is detected.

Factory setting: I

Stand-by dimming level

	1	2	
I	ON	ON	50%
II	–	ON	30%
III	ON	–	20%
IV	–	–	10%

The low light level you would like to have after the hold time in the long absence of people.

Factory setting: I

Daylight sensor

	3	4	5	6	
I	ON	ON	ON	ON	5Lux
II	–	ON	ON	ON	15Lux
III	ON	–	ON	ON	30Lux
IV	–	–	ON	ON	50Lux
V	ON	ON	–	ON	100Lux
VI	ON	ON	ON	–	150Lux
VII	–	–	–	–	Disable

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.

When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level.

100lux, 100lux,50lux: twilight operation, 10lux, 5lux: darkness operation only.

Note that daylight sensor is active only when lamp totally switches off.

Factory setting: VII

Warning / Avertissement

MIN 75°C SUPPLY CONDUCTOR
THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

LES FILS D'ALIMENTATION 75°C MIN
CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS.