GL-FL15S Series
User's Manual

Thank you for choosing the FL15S Series LED products.
Please install and use the products according to the following directions to ensure normal function and operation.
Please use stainless screw to fix holder and make sure screwed tightly.
Please do not add/remove any electrical components to/from the products or change/tamper the original electrical design without our permission.
Please do not add/remove any mechanical components to/from the products or change/tamper the original mechanical design without our permission.
If you do not follow these instructions to properly install and use the FL15S Series Series, you will not be eligible for warranty compensation or protection.
We do not take any responsibility for product damage resulting from improper installation or abnormal usage.
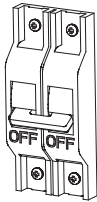
Installation Steps
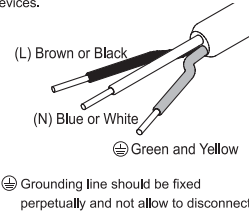**The set up process should be executed by qualified (Certified) engineers.**

Step 1.
Before installation, please turn off the power switch.

Step 2.
Connect the fixture's power cables to their corresponding colors of the power source and entwine together. Connect the grounding line to the grounding screw of the grounding devices.
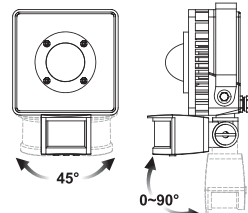
(L) Brown or Black
(N) Blue or White
⏚ Green and Yellow

⏚ Grounding line should be fixed perpetually and not allow to disconnect.

Step 3.
Screw the LED fixture tight onto a wall or a stand and adjust the angle in accordance with individual needs.

* Please use stainless screw to fix holder and make sure screwed tightly.

45°
0~90°
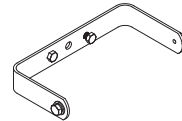
Sensor

The lighting fixture can be installed outdoor (roof), corridors or under the shelter.

FL15S Series Outlook

172.9
125.0
109.8

Net Weight:
1.3 Kg (with driver)

UNIT: mm

Notices
1. Avoding improper use to exceed the criterion limitation of lamp operation temperature.
2. Allow lamp to cool before replacing.
3. Not suitable for dimming function.

CAUTIONS
1. If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
2. Prior to installation, remove the AC power.

PIR SPECIFICATION

Ambient Light: 3-2000LUX (adjustable)
Time-Delay: min: 10sec±3sec / max: 7min±2min
Detection Distance: 5-12m (<24°C) (adjustable)
Detection Range: 180°
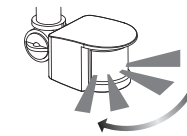Installation Height: 1.8m~2.5m
Detection Motion Speed：0.6~1.5m/s

TEST

- Turn the SENS knob clockwise on the maximum, turn the TIME knob anti-clockwise on the minimum, turn the LUX knob clockwise on the maximum(SUN).
- When you switch on the power, the controlled load is not working. Preheat 30 seconds later, when the sensor gets the induction signal, the load will be turned on. After the load is turned off, it will be turned on again when the sensor gets induction signal within 5~15 sec.
- After the first is out, make it sense again after 5~10sec. The load should work. When there is no induction signals in the sensor, the load should be stopped working.
- Turn LUX knob anti-clockwise on the minimum. If it is adjusted in the less than 3LUX(dark), the load and sensor should not work when testing in daylight. If you cover the detectio window with the opaque objects (towel etc), the load work. Under no induction signal condition, the load should stop working within 5-15sec.
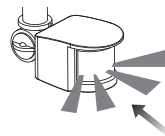
+SENS- +TIME- ☀LUX☾

Note:
when testing in daylight,please turn LUX knob to ☀ (SUN) position,otherwise the sensor lamp could not work!

FUNCTION

- Can identify day and night: The consumer can adjust work ambient light. It can work in the daytime and at night when it is adjusted on the "sun" position (max). It can work in the ambient light less than 3LUX when it is adjusted on the "moon" position (min). As for the adjustment pattern, please refer to the testing pattern.
- SENS adjustable: It can be adjusted according to using location; low sensitivity with 5m for detection distance; high sensitivity with 12m, it fits for large room.
- Time-delay is added continually: When it receives the second induction signals after the first induction, it will compute time once more on the rest of the first time-delay basic (set time).
- Time-delay adjustment: It can be set according to the consumer's desire.The minimum time is 10sec±3sec. The maximum is 7min±2min.
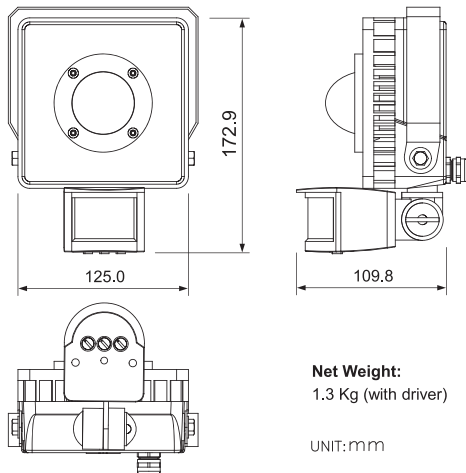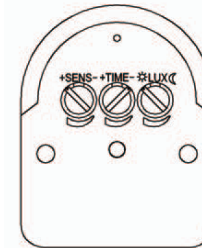
Good sensitivity   **Poor sensitivity**

NOTE

- Should be installed by electrician or experienced person.
- Avoid installing it on the unrest object.
- There should be no hindrance and moving objects in front of the detection windows to effect detection.
- Avoid installing it near air temperature alteration zones such as air condition, central heating, etc.
- Considering your safety, please do not open the cover when you find the hitch after installation.
- If there is difference between instruction and the function the product has, please give priority to product and sorry not to inform you additionally.

SOME PROBLEM AND SOLVED WAY

- The sensitivity is poor:
  a. Please check if there has hindered in front of the detection window to effect to receive the signal.
  b. Please check if the ambient temperature is too high.
  c. Please check if the induction signal source is in the detection fields.
  d. Please check if the installation height corresponds to the height showed in the instruction.
  e. Please check if the moving orientation is correct.
- The sensor can not shut off Lighting:
  a. Please check if there is continual signal in the detection field.
  b. Please check if the time delay is the longest.
  c. Please check if the power corresponds to the instruction.
  d. Please check if the temperature near the sensor changes obviously, such as air condition or central heating etc.

IP54 BR

RECYCLABLE PACKAGING

17-FL15SS00001

GL-FL15S 系列
使用手冊

感謝您選擇使用 FL15S 系列LED燈具。

請您依據下列說明指示來安裝本產品，以確保本產品的正常運作。

請使用不鏽鋼螺絲固定支架，並確實鎖緊。

請勿增加或刪除任何電子元件，未經許可勿更改或修改電氣設計。

請勿增加或刪除任何機構元件，未經許可勿更改或修改機構設計。

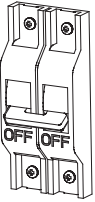如您未按說明指示妥善安裝以及正常使用 FL15S，您的產品將無法得到正常的保修補償。

不正常的安裝與使用所造成的產品損壞，本公司具免責權利。
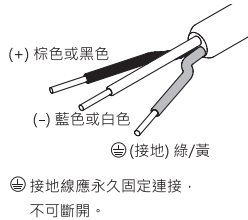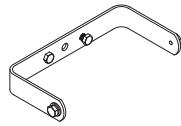
安裝指南　安裝流程應由合格的技術人員進行

步驟 1.
安裝前，
請確實關閉交流電源開關。

OFF OFF

步驟 2.
依照電源線的顏色配接，地線分別接到固定板上的地線螺絲。

(+) 棕色或黑色

(–) 藍色或白色
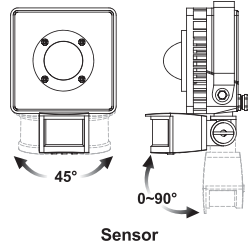
(接地) 綠/黃

⏚ 接地線應永久固定連接，不可斷開。

步驟 3.
使用螺絲將燈具固定於牆面或支架上。
依需求調整照射角度。

* 請使用不鏽鋼螺絲固定支架，並確實鎖緊

45°

0~90°

Sensor

燈具可被安裝在戶外有遮蔽的屋簷，騎樓，走廊。

FL15S 外觀

172.9

125.0

109.8

淨重：
FL15: 1.3公斤 (包含電源)

UNIT:mm
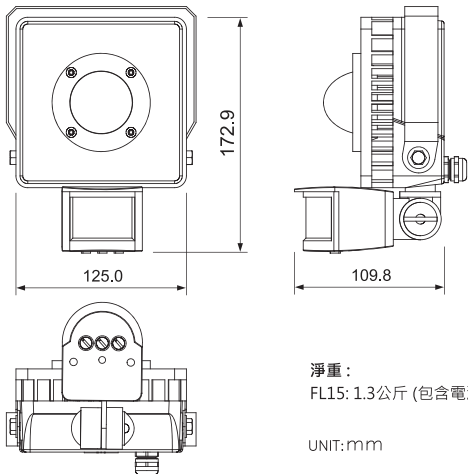
燈具使用注意事項
1. 避免使用超過燈具工作溫度標準外。
2. 請燈具冷卻之後再進行更換。
3. 不適合調光功能。

警告
1. 如果燈具外部纜線有損壞，應當由製造商、代理商或符合資格的施工人員做更換，以避免危險。
2. 安裝前，請確實關閉交流電源。

PIR 規格

支援環境光源：(可調範圍) 3-2000 LUX

延遲時間：最小10秒(正負誤差3秒)，最大7分鐘
(正負誤差2分鐘)

偵測距離：(可調範圍) 5~12公尺 (小於24度)

偵測角度：180度

安裝高度：1.8~2.5公尺

偵測物體移動速度：0.6~1.5公尺/秒
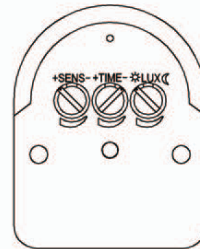
TEST

+SENS– 轉動SENS旋鈕順時針(+)感應距離長，旋鈕逆時針(–)感應距離短。

+TIME– → 轉動TIME旋鈕順時針(+)延遲時間為7分鐘，旋鈕逆時針(–) 延遲時間10秒鐘會熄燈。
(註：10秒±3秒，7分鐘±2分鐘)

☼ LUX ☾ → 轉動LUX旋鈕順時針箭頭往太陽符號(☼)調整時，全天候皆能感應亮燈；往月亮符號(☾)調整時，僅晚上才能感應亮燈。

當你打開電源開關時，PIR需熱機30秒~50秒，(此時負載燈具不會亮)，

當傳感器再次獲取感應信號，負載燈具將被接通點亮。
第一次輸出後，感應器5 ~ 10 秒再次感應。
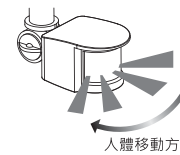
當感應器有沒有感應信號時，負載停止工作。
轉動LUX往月亮符號(☾)調整時，小於3 LUX在白天測試時是不會工作。
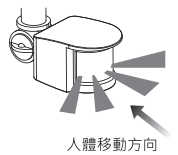
注意：
在白天測試時，請轉 LUX 旋鈕 ☼ (SUN) 位置，否則傳感器燈不能正常工作!

FUNCTION

● 能識別白天和夜晚：用戶調節LUX識別環境光源。
轉動LUX旋鈕順時針箭頭往太陽符號(☼)調整時，全天候皆能感應亮燈；
往月亮符號(☾)調整時，僅晚上才能感應亮燈。
(可識別環境光3-2000 LUX)

● 調節SENS：轉動SENS旋鈕順時針(+)感應距離長，旋鈕逆時針(–)感應距離短。
(偵測距離5-12公尺)

● 延時增加：當收到第一個觸發訊號後亮燈，在亮燈工作時間中再次偵測觸發訊號，關閉時間將會延後(以此類推)。

● 轉動TIME旋鈕順時針(+)延遲時間為7分鐘，旋鈕逆時針(–) 延遲時間10秒鐘會熄燈。
(註：10秒±3秒，7分鐘±2分鐘)

靈敏度較佳

靈敏度較差

人體移動方向

人體移動方向

NOTE

● 安裝流程應由合格的技術人員進行安裝。
● 避免安裝在晃動的物體上。
● 感應器範圍內不可有障礙，以免影響感應效果。
● 避免安裝在接近空氣溫度變化劇烈的環境中，如空調，暖氣集中供熱處等。
● 安裝後發現故障，考慮到您的安全請不要打開機蓋。

問題與解決

● 靈敏度差：
(A). 請檢查是否在感應器前方有阻礙接收信號物體。
(B). 請檢查環境溫度是否過高。
(C). 請檢查感應器感應信號源是否在檢測範圍。
(D). 請檢查安裝高度是否在規格內。
(E). 請檢查偵測移動物體的方向是否正確。

● PIR傳感器不能關閉照明：
(A). 請檢查是否在檢測區有連續的信號。
(B). 請檢查TIME時間延遲是否調整到最大值。
(C). 請檢查電源是否接到對應位置。
(D). 請檢查傳感器是否安裝於空氣溫度變化劇烈的環境中，如空調，暖氣集中供熱處等。

IP54 *BR*

17-FL15SS00001