

DuCAS

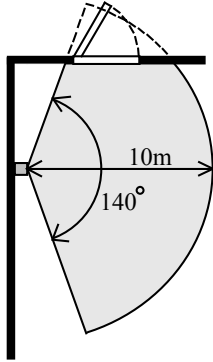
PIR Light Contrl SenSwitch™

LC-770

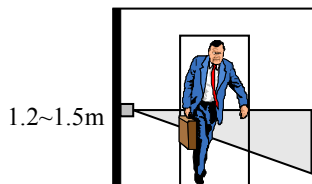
DETECTION PATTERN

Top View

140°, 10 x 10m (at 25°C)

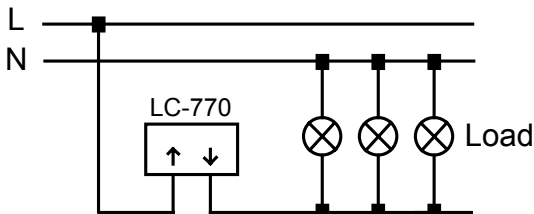


Side View



Detection range can be changed by applying the lens masking label on the lens properly.

CONNECTION DIAGRAM



SPECIFICATIONS

- Detection methodPassive Infrared (PIR)
- Detection range 140°, 10m at 25°C
- Power supply 100~250VAC, 60Hz
- Infrared sensor.....Dual element, low noise
- Load type.....Resistive / inductive
- Max. load 120V: 300W (resistive)
- Delay time.....8 sec. - 3 min. (adjustable)
- Temperature-20° - 50°C (-4° - 122°F)
- Dimensions..... 120 x 70 x 60 mm
- Unit weight..... 135 g

☞ **This product may not suit for electronic PL lamp.**

LC-770 I/M.Eng. V4.0 99-07

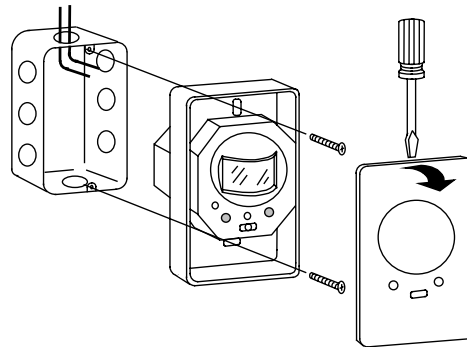
U.S.A Patent No: 5,557,173. EUROPEAN Patent No: 0760498,
Taiwan Patent Pending



Installation Instructions

INSTALLATION

WARNING: Switch OFF the mains supply before install.



- 1) Remove the front cover from the SenSwitch.
- 2) Insert the wires (Live & Load) to the terminals.
- 3) Mount the SenSwitch to switch box with screw.
- 4) Test and adjust the **LUX & TIME** controllers according to the following instruction.
- 5) Replace the front cover on the SenSwitch.

TEST & ADJUSTMENTS

Before test the LC-770, first ensure that the LUX controller is set at day (☼) and the TIME controller is set at shortest (—).

1. Apply AC mains power and the light will be on about 30 seconds for SenSwitch to warm up.
2. Walk across within the detection range, light will be switched on when motion is detected.
3. Adjust the **LUX** and **TIME** controllers to determine the light-on threshold and delay time.

LUX

A built-in CdS photo cell determines the operation of LC-770 by sensing the ambient light level.



Night
(2 ~ 4 lux)



Dusk
(10 ~ 20 lux)



Day & Night
(24 hours)

TIME

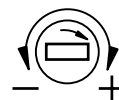
Light-on delay time can be set from approximate 8 seconds to 3 minutes. Further detection during delay time will reset the timer.



About 8 sec.



About 1 min.



About 3 min.