

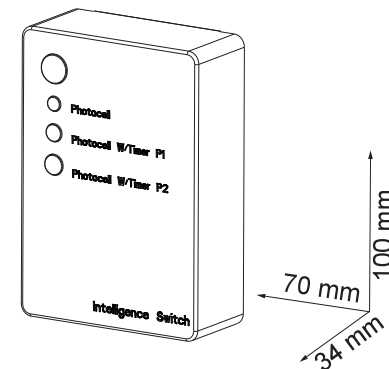
INSTRUCTION MANUAL



Lux Sensor Wall Black
89433

INTRODUCTION

The photocell sensor is an electronic control for resistive & inductive lighting loads. When the light level fades the load will be switched on at the preselected LUX level. The load will be switched off when the light level reaches the preselected LUX level.



PLACING

1. The best mounting height is 1.5-1.7m
2. The best position to install the unit is on an outside wall facing : NORTH—EAST
3. Please ensure that the Lighting operated by the unit, does not illuminate toward the PHOTOCCELL windows.

INSTALLATION

Installation the unit, please referring to the Fig.1, Fig.2

1. Installation by a licensed electrician and according to IEC wiring Regulation.
2. Switch power off at the meter box and ensure that there is no power to the unit.
3. Unscrew the Cover screw, then open the Aluminum Cover
4. Use the main body to mark the position of screw holes onto mounting surface. Drill the wall to depth of about 10 cm and fit the plastic plugs, and then fix the main body to the mounting surface with rightly screws. Care should be taken to avoid drilling or screwing into concealed electrical wiring.
5. Unscrew the Junction Cover Screws then remove it. Connecting the Power Cable (e.g. H05RR-F 2G 1mm²) to the Terminal Block, see the relative symbol in Fig.2. Ensure the cable must pass through the Cable Gasket. Pass through the Cable to the hole under the main body or back of the main body.
6. Re-fit the Junction Cover.
7. Re-fit the Aluminum Cover
8. For replace the FUSE. (a) Switch power off at the meter box and ensure that there is no power to the unit. (b) unscrew the Cover Screw, open the Aluminum Cover; (c) Take out the FUSE Cover by Screwdriver; (d) Replace the old FUSE by a new 10A/250V FUSE ; (e) Re-fit the FUSE Cover and the Aluminum Cover.

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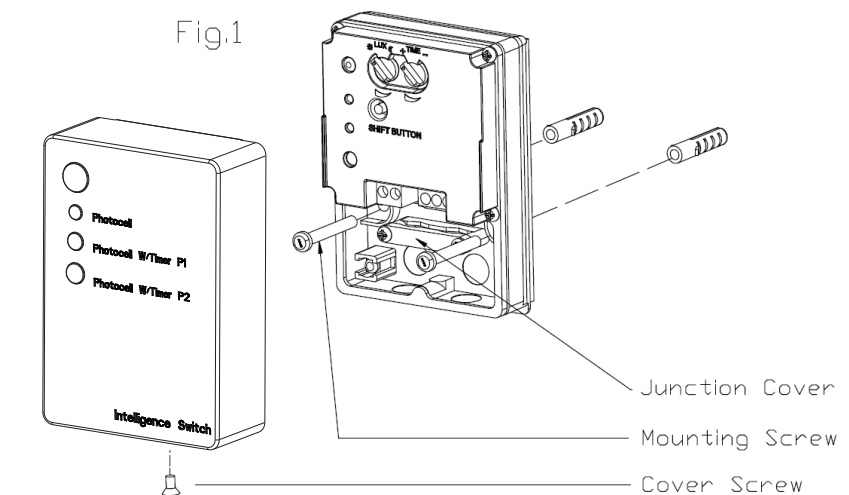
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FUNCTIONS

FUNCTION 1 (Dust to Dawn): Control only by LUX level

FUNCTION 2 (Dust to Dawn with Timer P1): The light switched on by LUX level, and the light on in night can be controlled (3min-8 hours adjustable)

FUNCTION 3 (Dust to Dawn with Timer P2): The light switches on by LUX level (5-100LUX adjustable), and the light on at night-time can be controlled by TIME control knob (3min-8 hours adjustable). The light will be turned on again about 2 hours before the LUX level user set at dawn. But at the first cycle, the light will not turn on at dawn.



UNDERSTANDING THE CONTROLS (Referring to the Fig.3)

ADJUSTING THE DURATION TIME: The length of time that remains switched on after activation can be adjusted from 4±1 mins to (8±0.5) hours. Rotating the TIME knob from (+) to (-) will reduce the duration time.

Note: This knob only used in FUNCTION 2 and FUNCTION 3

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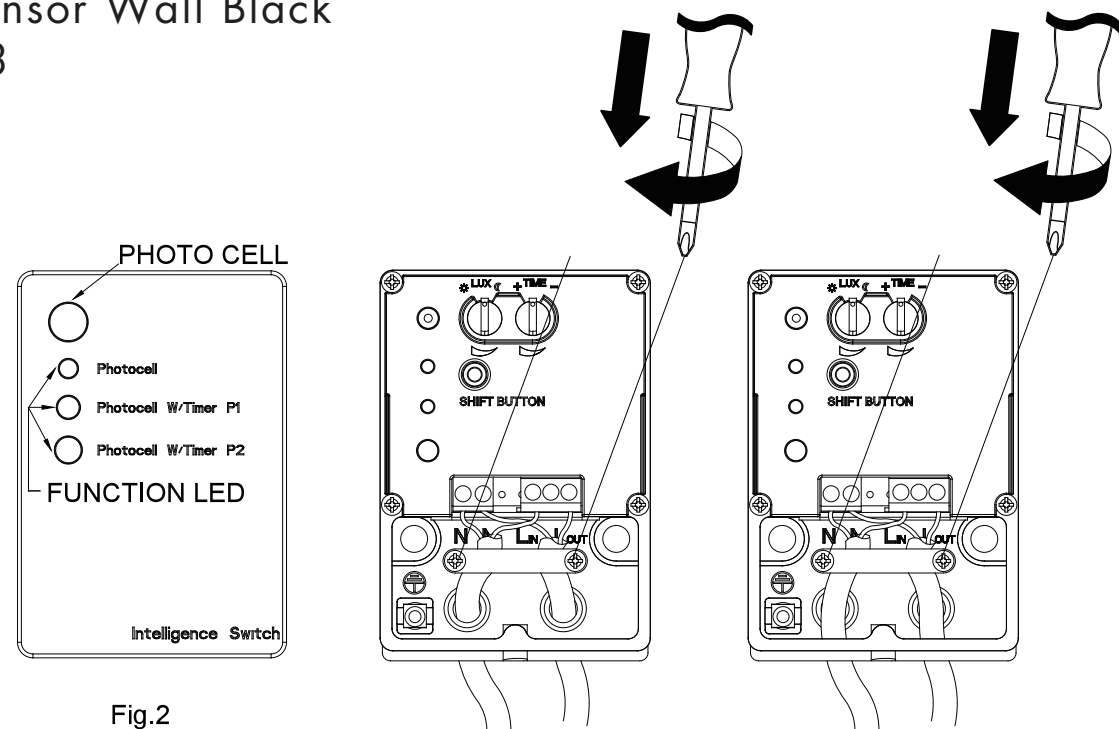


Fig.2

ADJUSTING THE LUX CONTROL LEVEL BY KNOB: The LUX control module has a built-in sensing device (photocell) that detects daylight and darkness. The (☼) position denotes that the lights can work at day and night, and the (🌙) position only work at night. You can set to operate the unit at the desired level by adjusting the LUX knob.

Note: Please don't set LUX level to more than 100LUX (We suggest at 5-50LUX), otherwise the unit will dysfunction.

THE SHIFT BUTTON: This unit has a button switch; user can press it with a pen. (Referring to the Fig.3)

1. User can shift the functions by press the button one time (less than 3s); from FUNCTION1 to FUNCTION2, FUNCTION2 to FUNCTION3; FUNCTION3 to FUNCTION1. When power on, the unit is at FUNCTION1

2. User can manual set the LUX by press the button one time (more than 3s) at the desired level, than the function LED will flash 2times. In this case, if user presses the button less than 3s, the unit will shift to next function, but the unit also in manual set LUX; if user press the button more than 3s, the function LED will flash 3times, than the unit return to set the LUX by knob.

Note: Please don't set LUX level at more than 100LUX (We suggest at 5-50LUX), otherwise the unit will dysfunction.

IMPORTANT: All the controls are under the Aluminum Cover, so before any adjustment please open the Aluminum Cover

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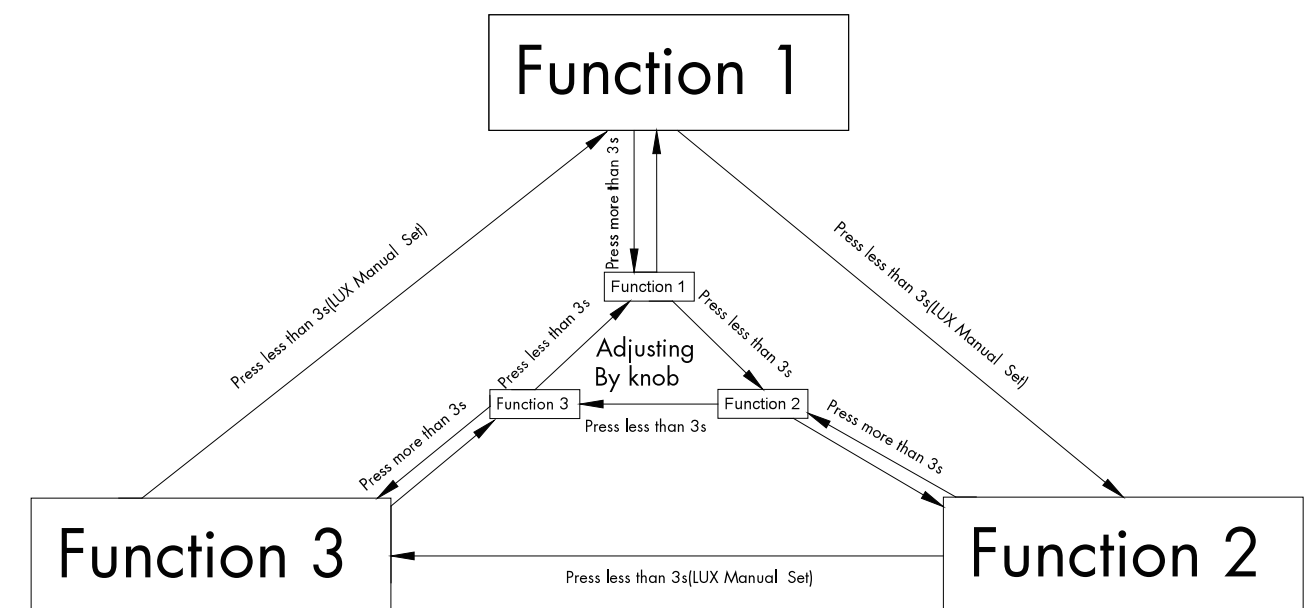


Fig.3 LUX Set

■ SPECIFICATIONS

- Power required: 220-240V ~ 50 Hz
- Duration Time adjustment: 4±1 mins to (8±0.5) hours
- Maximum load: MAX.1500W resistive load or MAX.500W inductive load
- LUX:5-200LUX adjustable or manual set by user
- Weatherproof: IP44
- u: micro-gap construction