TIMEGUARD®

Dedicated Photocell Professional

LEDPROPCB & LEDPROPCWH

1. General Information

These instructions should be read carefully and retained for further reference and maintenance.

2. Safety

• Before installation or maintenance, ensure that the mains supply to this system is switched off and the circuit supply fused are removed or the circuit breaker turned off.
• It is recommended that a qualified electrican is consulted or used for the installations of this system and install in accordance with the current IEE wiring and Building Regulations.
• Check that the total load on the circuit including when this system is fitted does not exceed the rating of the circuit cable, fuse or circuit breaker.

3. Technical Specifications

• 230V AC 50Hz
• Maximum Switchable Load: LED lamp -140W
                                      Halogen lamp - 1000W
                                       CFL - 200W
                                       Fluorescent tube w/o PF correction - 500W
• Time ON Adjustment: 2, 4, 6, 8 hours or Dusk to Dawn
• Dusk Level Adjustment: Day & night or night time only operation
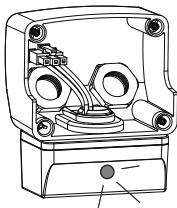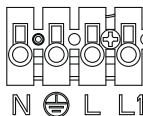• IP55 Rated suitable for restricted external applications
• CE Compliant

Dimensions
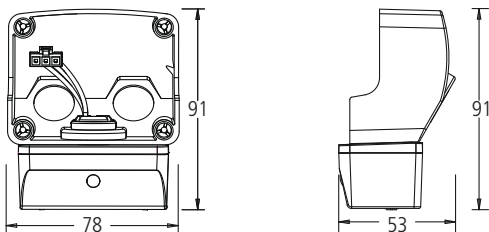
A
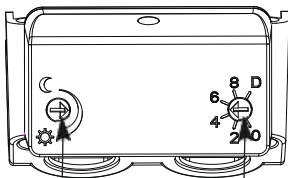
Lux — Time on

View on underside of unit shows adjustments
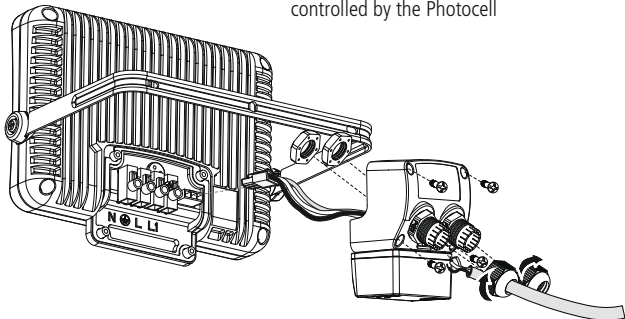
B

D

N ⏚ L L1

N ○———————

⏚ ○

L ○——○   ○——

Mains Supply — **Isolation Switch** — **'Switch Live'**
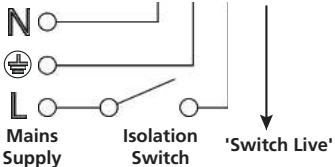
Note: Any floodlight connected to the L1 Switch Live terminal 'Live Output' will be controlled by the Photocell
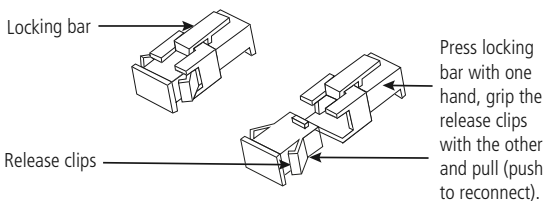
C

2

4. Installation

*** IMPORTANT ***

**Switch off the electricity at the fuse box by removing the
relevant fuse or switching off the circuit breaker
before proceeding with the installation.**

• Remove the jumper plug from the floodlight.

Jumper Plug

Locking bar

Release clips

Press locking bar with one hand, grip the release clips with the other and pull (push to reconnect).

• Pass the mains supply and load cables through the holes provided on the Photocell ensuring that a cable gland, grommet or sealing compound is used to maintain the IP rating.

N ⏚ L L1

N ○
⏚ ○
L ○

Mains Supply **Isolation Switch** **'Switch Live'**
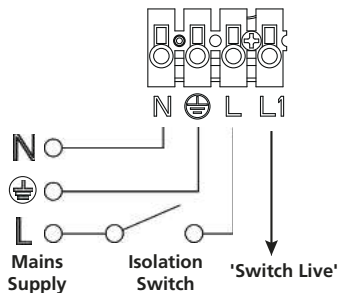
CONNECTION

Connect the **mains supply cable** to the terminal block on the back plate as follows (see connection diagram):

EARTH (Green / Yellow)　　　⏚
NEUTRAL (Blue)　　　　　　**N**
LIVE (Brown)　　　　　　　**L**

Connect the **cable from the slave lighting load** to the terminal block on the backplate as follows (see connection diagram):

EARTH (Green/Yellow)　　　⏚
NEUTRAL (Blue)　　　　　　**N**
SWITCH LIVE (Brown)　　　**L1**

• Ensure that all connections are secure.
• Connect the 3 way Photocell plug, by pushing the plug and socket inside the floodlight together until they lock. DO NOT FORCE. THE PLUG AND SOCKET WILL ONLY FIT TOGETHER ONE WAY AROUND (See Jumper Plug diagram).
• Secure the Photocell to the luminiare using the 4 fixing screws supplied (see diagram C).

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5. Operation and Testing

To Set the adjustment knobs as follows:-
See diagram A.

Lux setting, fully clockwise (daylight setting)

The Lux setting determines at which light level the switch will turn its connected load "ON"
Turning this setting fully clockwise allows you to test the circuit during daylight.

Connect the photocell to the mains and switch power on.

After a short delay, the unit will switch ON. This is indicated by the red LED see diagram B. Any attached lights will also illuminate.

If you experience problems refer to Troubleshooting Guide. If problems still exist, do not immediately return the unit to store.

Telephone the Timeguard Customer Helpline

020 8450 0515

Qualified Customer Support Co-ordinators will be on-line to assist in resolving your query.

6. Troubleshooting

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PROBLEM	SOLUTION
❏ The sensor will not operate at night.	The level of ambient light in the area may be too bright to allow operation at the current DUSK setting. During the hours of darkness, adjust the DUSK control slowly clockwise until the lamp illuminates. Refer to previous section for more details.
❏ Unit activates during the daytime.	Adjust the setting anti-clockwise to lower the level of ambient light required for activatioin.

3 Year Guarantee

In the unlikely event of this product becoming faulty due to defective material or manufacture within 3 years of the date of purchase, please return it to your supplier in the first year with proof of purchase and it will be replaced free of charge.

For years 2 and 3 or any difficulty in the first year, telephone the helpline on **020 8450 0515**.

Note: A proof of purchase is required in all cases. For all eligible replacements (where agreed by Timeguard) the customer is responsible for all shipping/postage charges outside of the UK. All shipping costs are to be paid in advance before a replacement is sent.

If you experience problems, do not immediately return the unit to the store. Telephone the Timeguard Customer Helpline;

HELPLINE
020 8450 0515

or email helpline@timeguard.com

Qualified Customer Support Co-ordinators will be on-line to assist in resolving your query.

TIMEGUARD®

A **theben** Group Company

For a product brochure please contact:

Timeguard Limited.
Victory Park, 400 Edgware Road,
London NW2 6ND
Sales Office: 020 8452 1112
or email csc@timeguard.com

www.timeguard.com