

## ECOLUMINO 1500 CONVERSION INSTRUCTIONS



Ensure that personnel carrying out this conversion have the relevant qualifications/certificates and all work is carried out in accordance with BS6771:2008/I.E.E. Wiring Regulations 17th Edition.

Ensure that all relevant personnel read the points listed within this leaflet and that a copy is given to staff involved with the installation and maintenance of this product.

Glasdon recommends that a full Health and Safety analysis is carried out prior to installation.



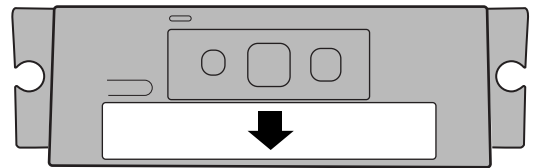
**IMPORTANT: ISOLATE PRIOR TO INSTALLATION**  
**DO NOT HANDLE CIRCUIT WHEN LIVE**



### TYPE 1 INSTRUCTIONS

- to convert Signature Majorlite T8 Type B

Kit Contents:

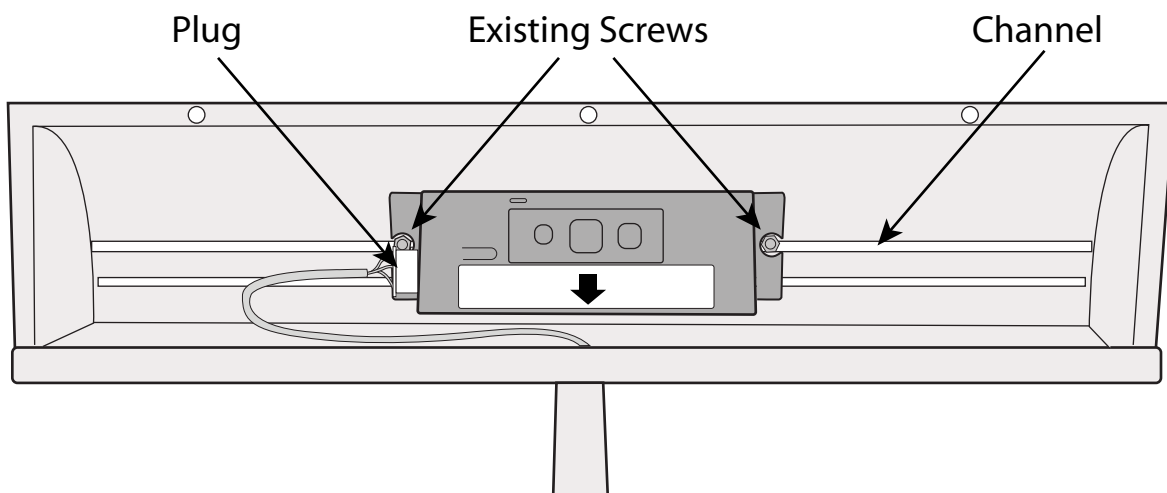
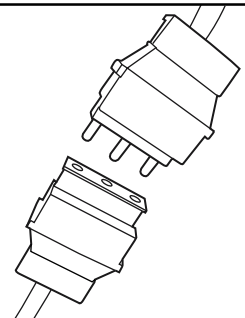


Open the signlight then loosen the two screws and remove the existing gear tray. Unplug the tray and safely dispose of it. Note: If the tray wasn't connected via a plug and socket disconnect the wires from the tray.

The Ecolumino 1500 is supplied with a plug and socket.

For housings where a plug is already attached to the end of the wires ensure it is wired up correctly and simply connect with the socket attached to the new gear tray (the spare plug can be disposed of).

For housing without an existing plug connect the loose wires to the new plug and connect to the new gear tray.



Position the Ecolumino 1500 over the channel and slide the two existing screws into the grooves on either side of the gear tray. Ensure the gear tray is orientated correctly and central to the housing.

Re-tighten the screws to secure the gear tray into the housing.

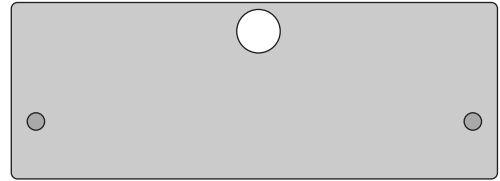
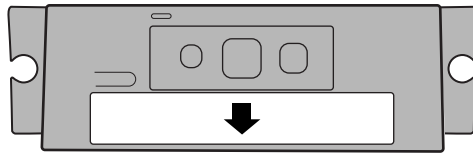
Close the housing ensuring the seal isn't damaged and replace the screws. Tighten to prevent water ingress.

**PLEASE NOTE THAT THIS IS NOT AN IP RATED PRODUCT AND WILL BECOME DAMAGED WHEN BROUGHT INTO CONTACT WITH MOISTURE. ONLY INSTALL INTO FULLY IP RATED SIGN LIGHTS.**

## TYPE 2 INSTRUCTIONS

- to convert Signature Majorlite LD3 Type D, Signature Majorlite LB Type B and 'Forest City'.

Kit Contents:



Open the signlight and remove the existing gear tray. Unplug the tray and safely dispose of it. Remove the photocell and place to one side. Note: If the tray wasn't connected via a plug and socket disconnect the wires from the tray.



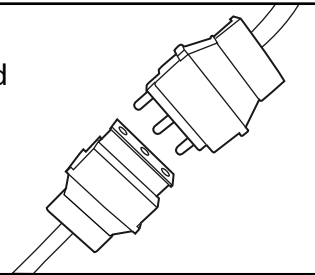
**IMPORTANT: ISOLATE PRIOR TO INSTALLATION  
DO NOT HANDLE CIRCUIT WHEN LIVE**



The new gear tray is supplied with a plug and socket.

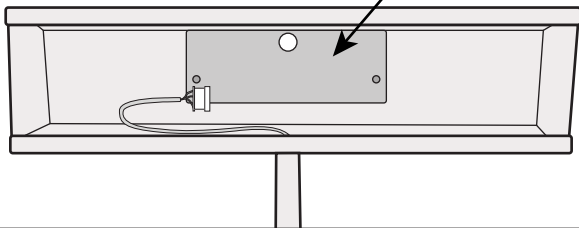
For housings where a plug is already attached to the end of the wires ensure it is wired up correctly and simply connect with the socket attached to the new gear tray (the spare plug can be disposed of).

For housings without an existing plug connect the loose wires to the new plug and connect to the new gear tray.



**1.**

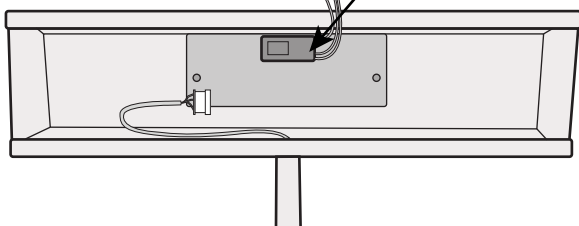
Bracket



**1.** Place the bracket provided over the hole inside the signlight.

**2.**

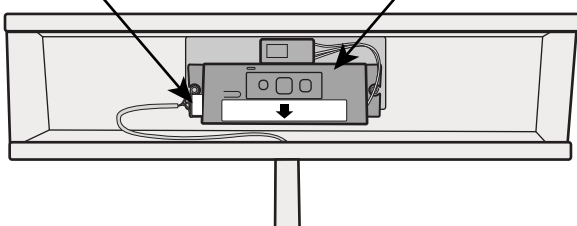
Photocell



**2.** Re assemble the photocell tightly to the signlight (this will hold the bracket in place) and wire into gear tray.

**3.** Plug

Ecolumino 1500

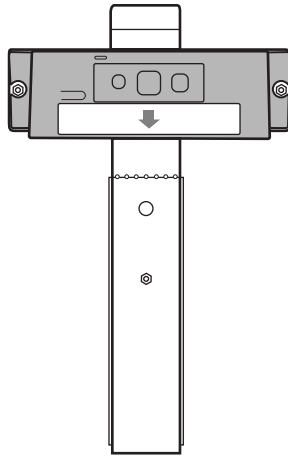


**3.** Position the Ecolumino 1500 over the studs on the bracket. Position the washer and nut provided on the studs and tighten using a 10mm spanner. Close the housing ensuring the seal isn't damaged and replace the bolt. Tighten to prevent water ingress.

**PLEASE NOTE THAT THIS IS NOT AN IP RATED PRODUCT AND WILL BECOME DAMAGED WHEN BROUGHT INTO CONTACT WITH MOISTURE. ONLY INSTALL INTO FULLY IP RATED SIGN LIGHTS.**

## TYPE 3 INSTRUCTIONS

- to convert Simmonsigns LUB.



Kit Contents:

Open the signlight and remove the existing gear tray. Unplug the tray and safely dispose of it. Remove the photocell and place to one side if the existing one is to be reused. Note: If the tray wasn't connected via a plug and socket disconnect the wires from the tray.

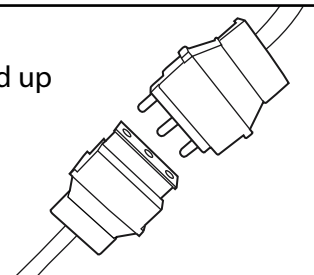


**IMPORTANT: ISOLATE PRIOR TO INSTALLATION  
DO NOT HANDLE CIRCUIT WHEN LIVE**



The new gear tray is supplied with a plug and socket (and new photocell if opted for). For housings where a plug is already attached to the end of the wires ensure it is wired up correctly and simply connect with the socket attached to the new gear tray (the spare plug can be disposed of).

For housings without an existing plug connect the loose wires to the new plug and connect to the new gear tray.



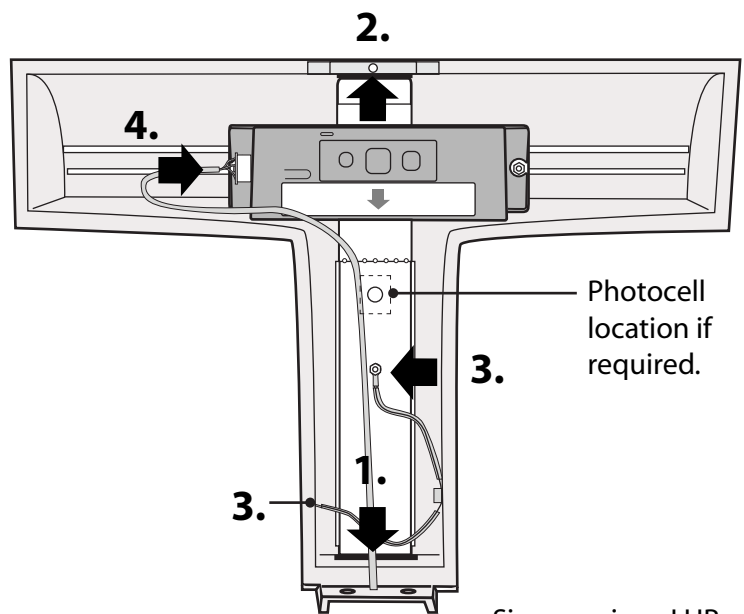
**NOTE: If using the existing photocell fit this to the gear tray in the location marked below before fitting the gear tray into the signlight.**

**1.** Place the Ecolumino gear tray inside the head of the signlight as per previous gear tray. Position the bottom end of the gear tray into the lower, wide slot at the neck of the light unit first.

**2.** Spring the top end of the gear tray into the slot in the top of the head unit to secure the assembly into the signlight.

**3.** Remove the nut on the earthing point fixing screw. Place the earthing cable from the signlight onto the earthing point on the gear tray and secure by re-fitting the nut over the top. NOTE: Ensure the casing earthing cable is also in contact with the case of the signlight (place under the foam seal).

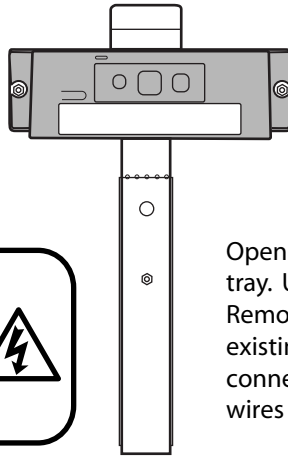
**4.** Plug the power lead from the light unit into the socket in the Eco Lumino unit. Close the housing ensuring the seal isn't damaged and replace the fixing bolt. Tighten to prevent water ingress.



## TYPE 4 INSTRUCTIONS

- to convert Simmonsigns LUB MKT.

Kit Contents:



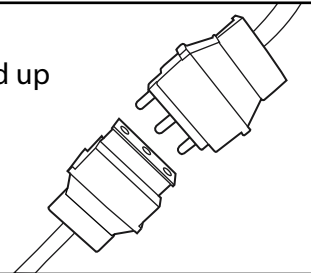
**IMPORTANT: ISOLATE  
PRIOR TO INSTALLATION  
DO NOT HANDLE CIRCUIT  
WHEN LIVE**



Open the signlight and remove the existing gear tray. Unplug the tray and safely dispose of it. Remove the photocell and place to one side if the existing one is to be reused. Note: If the tray wasn't connected via a plug and socket disconnect the wires from the tray.

The new gear tray is supplied with a plug and socket (and new photocell if opted for). For housings where a plug is already attached to the end of the wires ensure it is wired up correctly and simply connect with the socket attached to the new gear tray (the spare plug can be disposed of).

For housings without an existing plug connect the loose wires to the new plug and connect to the new gear tray.



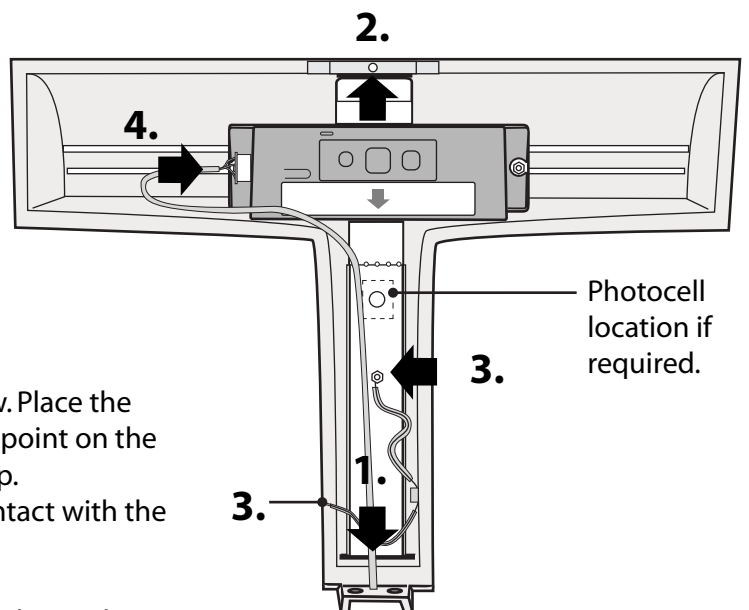
**NOTE: If using the existing photocell fit this to the gear tray in the location marked below before fitting the gear tray into the signlight.**

**1.** Place the Ecolumino gear tray inside the head of the signlight as per previous gear tray. Position the bottom end of the gear tray into the lower, slot at the neck of the light unit first.

**2.** Spring the top end of the gear tray into the slot in the top of the head unit to secure the assembly into the signlight.

**3.** Remove the nut on the earthing point fixing screw. Place the earthing cable from the sign light onto the earthing point on the gear tray and secure by re-fitting the nut over the top.  
NOTE: Ensure the casing earthing cable is also in contact with the case of the signlight (place under the foam seal).

**4.** Plug the power lead from the light unit into the socket in the Ecolumino unit. Close the housing ensuring the seal isn't damaged and replace the fixing bolt. Tighten to prevent water ingress.



Simmonsigns LUB MKT.

**IMPORTANT NOTE:** PLEASE ENSURE THAT ALL RELEVANT PERSONNEL READ THE POINTS LISTED WITHIN THIS LEAFLET AND THAT A COPY IS GIVEN TO STAFF INVOLVED WITH THE INSTALLATION AND MAINTENANCE OF THIS PRODUCT.

**SAFETY NOTE:** PLEASE REFER TO 'THE MANUAL HANDLING OPERATIONS REGULATIONS 1992' DURING HANDLING.



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- A planned maintenance schedule or regular inspection is recommended, replacing components as necessary.
- Replacement components are available direct from GLASDON.
- GLASDON cannot be held responsible for claims arising from incorrect installation, unauthorised modifications or misuse of the product.

Issue 3 December 2015 Stock no. C000/0463 DWG No. 02B-080-21  
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Glasdon U.K Limited

Preston New Road  
BLACKPOOL  
Lancashire FY4 4UL  
Tel: 01253 600410  
Fax: 01253 792558  
email: sales@glasdon-uk.co.uk  
web: www.glasdon.com