

Cleaning:

- > Disconnect the power and clean the exterior only of this fitting with a moist (not wet) cloth.
- > Do not use any chemical or abrasive cleaners.

Specification:

Power rating: 1500VA or 5 Amp inductive load at 60µF
Supply Voltage: 240V
Switching level: 70 lux

Eventually, you may want to replace this photocell:

When your photocell comes to the end of it's life or you choose to update or upgrade it by replacing it, please do not dispose of it with normal household waste, please recycle where facilities exist. When you need to dispose of this photocell, check with your retailer or local authority for suitable options. New regulations will encourage the recycling of Waste from Electrical and Electronic Equipment (European "WEEE Directive" effective August 2005).



If you experience problems:

If your light is defective or develops a fault, please return it to the place where you bought it. You can call our Helpline for advice. The Helpline will gladly give advice on any aspect of any Eterna Lighting product but may not be able to give specific instructions regarding individual installations.
If in doubt, consult a qualified electrician.

Help line:

Tel: 01933 673 144 Fax: 01933 678 083 Email: sales@eterna-lighting.co.uk
For answers to frequently asked questions (FAQs) and other information visit our web-site
www.eterna-lighting.co.uk



IMPORTANT!

Safety and Installation instructions

NEMA Socket Electronic Photocell/Kit

Model(s)
NPCH/KIT

Pack contents:

NPCH		NPCHKIT	
Photo control unit	1	Photo control unit	1
NEMA socket	1	NEMA socket	1
		Wall fixing bracket	1
		Fixing kit and gasket	1

**PLEASE READ THESE INSTRUCTIONS BEFORE
INSTALLING YOUR NEW FITTING**

PLEASE RETAIN FOR FUTURE REFERENCE

Read this first:

- > **This fitting must be installed in accordance with the Building Regulations.** These may be obtained from HMSO or viewed and downloaded from www.odpm.gov.uk following the link for Building Regulations.
- > **If in any doubt, consult a qualified electrician.**
- > Switch off the mains before commencing installation and remove the appropriate circuit fuse.
- > Suitable for outdoor use.
- > Avoid installing this unit in direct sunlight or other light sources and where it will be out of reach.
- > This product is suitable for installation on surfaces with normal flammability (indicated by the "F" in a triangle) e.g. wood, plasterboard, masonry. It is not suitable for use on highly flammable surfaces (e.g. polystyrene, textiles).
- > Before making fixing hole(s), check that there are no obstructions hidden beneath the mounting surface such as pipes or cables.
- > Do not attach to surfaces which are damp, freshly painted or otherwise electrically conductive (e.g. metallic surfaces).
- > If the location of your new fitting requires the provision of a new electrical supply, the supply must conform with the requirements of the Building Regulations.
- > This product is designed for permanent connection to fixed wiring: this should be either a suitable lighting circuit (protected with a 5 or 6 Amp MCB or fuse) or a fused spur (with a 3 Amp fuse) via a fused connection unit. We recommend that the supply incorporates a switch for ease of operation.
- > Make connections to the electrical supply in accordance with the following code:

L—Live—Brown or Red	Connect to the incoming supply live
N—Neutral—Blue or Black	Connect to the incoming supply neutral and to the light/load neutral terminal.
LO—Load Live—Brown or Red	Connect to the live terminal on the light/load
- > This fitting is double insulated, do not connect any part to earth.
- > You are advised at every stage of your installation to double-check any electrical connections you have made. After you have completed your installation there are electrical tests that should be carried out: these tests are specified in the Wiring Regulations (BS7671) referred to in the Building Regulations. If in doubt, consult a qualified electrician.

Installation:

Mounting kit with photocell and socket

- 1) Separate the control unit from the NEMA base by twisting anti-clockwise and pulling gently.
- 2) Using the wall fixing bracket as a template, mark and make the fixing holes.
- 3) Secure the bracket in place using the 3 wall plugs and screws supplied. If these fixings are not suitable for your installation use suitable alternatives.
- 4) The wall fixing bracket will accept 20 mm conduit and fittings or a plain cable entry.
- 5) Ensure that the correct rated outdoor cable is used.

Safety markings:



- 6) Make connections to the NEMA socket as detailed above.
- 7) Ensure that all connections are secure and that no "whiskers" or bare wires are left free from the terminals.
- 8) Ensure that the cork gasket is located on the lugs inside the wall bracket and secure the NEMA base socket to the bracket with the two screws provided.
- 9) Refit the photocell by inserting in the base and twisting clockwise to lock. The socket is polarised and will only fit one way.
- 10) Check that your light fitting or other load has been installed and connected correctly.
- 11) Restore the power and test the installation by covering the control unit (the product box is suitable), waiting approximately 1 minute for the unit to switch on and then removing the box and checking that the unit switches off.

Photocell and socket only

- 1) The photocell may be installed in a wall fixing bracket as detailed above.
- 2) It may also be installed with a light fitting of your choice provided the NEMA base is securely fitted with suitable fixings and the connections are made in accordance with the instructions above.
- 3) When fixing the NEMA socket, use countersunk screws to ensure effective sealing of the foam gasket on the photocell unit.
- 4) Ensure that the socket is located in a position where it will not be exposed to excessive heat e.g. not directly above or in close proximity to a lamp or ballast.
- 5) Make electrical connections according to the instructions opposite.
- 6) After installation, conduct tests as for installation of the complete kit.

In the event of damage to the photo control unit cover, isolate the installation from the mains supply before unplugging.

