Instruction Manual for IP44 Photocell Light Controller for use on Industrial & Domestic Lighting Systems
Selectric Energy Savers Code: LFPC5

Introducing the Selectric Energy Savers Range item LFPC5 Photocell Light Controller

- The kit consists of 4 parts: Controller Unit, Socket, Base Holder with molded Bracket & 2 x wall mounting screws with 2 x rawl plugs to suit.
- The unit is designed to switch a light system on and off automatically when it is dark. The unit is pre-calibrated to switch at light levels which ensure that outdoor lighting is on when required allowing for a 10 minute warm-up period for sodium or mercury discharge lighting. They are however, suitable for use with all types of lighting, i.e. tungsten, fluorescent and LED.
- The calibration is fixed in the factory and is not variable.
- The unit incorporates a time delay to prevent operation by car headlights, streetlights and artificial lighting.
- The unit cone sensor is omnidirectional and is equal in sensitivity in all directions.
- Ambient temperature and humidity cannot affect the unit.

SPECIFICATION:

- Power source: 110-240V/A C
- Power Frequency: 50/60Hz
- Rated Current: 6A for inductive loads
- Ambient Light: <5-15LUX
- Working Temperature: -20~+40oC
- Working Humidity: <93%RH
- Material: Polycarbonate
- Guarantee: 12 Months
- Calibration: On 15-35Lux, Off 105Lux
- Compatible with LED to maximum 300W
- W: 79mm, H: 98mm, Overall: 125mm
- IP44 Rated

INSTALLATION PROCEDURE:

- Switch off the power from the mains. Unload the white roof from the black bottom by twisting anti-clockwise.
- Using the correct screwdriver, unscrew the two silver screws within the unit to release the 2nd part of the fitting (see figure 1)
- Using a drill bit suitable to attach the rawl plugs into the wall, screw the now wired bracket on to the wall using the two screws provided (see figure 2) and in correlation to the correct mounting procedure (see also figure 3)
- Thread the cable through the hole in the bottom of the unit and connect the power according to the connection-wiring diagram (See figure 4).
- Once in place attach the white cone onto the black bottom twisting clockwise to lock in place. Turn on the power and then test the unit.

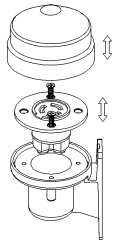

Figure 1

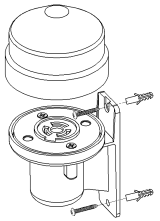

Figure 2

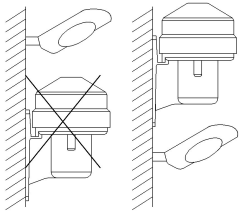

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Figure 3

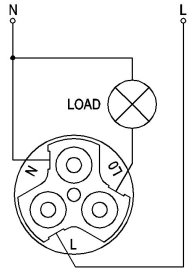

Figure 4

TO TEST THE UNIT IS FUNCTIONING CORRECTLY:

- Switch on the power at the mains.
- When you test in daytime. You should cover with a black opaque cloth or suitable.
- Wait between 40-60 seconds for the time delay to take effect, once the light comes on remove the dark cloth or equivalent to check the switching off mechanism works in daylight and the light stays off.

NOTE:

- In front of the photocell, there should be no obstruction affecting the unit receiving natural light;
- Always install the photocell above the light fitting for best results.
- The photocell unit is still live even when the light is out. Always isolate the supply to the control before removing the plug-in unit and/or carrying out any work on the installation.
- Ensure that the cable used for the installation is suitable for outdoor use and of adequate current carrying capacity.
- If in doubt always consult a qualified electrician before installation.

LGA Europe Ltd, Cow Lane, Salford M5 4NB, UK
www.selectricuk.co.uk