

# ZODION

## Photo Electric Lighting Controls

All photo electric controls offer the same basic benefits when compared to time switch controls. For example, they are self-correcting following supply interruptions. Photo electric controls take local weather conditions into account and switch at a pre-set light level as opposed to a pre-set time. Most photo electric controls cost less than the equivalent time switch.

Since local government re-organisation in 1974, the use of photo electric controls for street lighting purposes has become almost standard practise for new work and many councils have initiated Energy Conservation Schemes by replacing existing time switches with photo electric controls.

British Standard 5972 1980 introduced in October 1980 was prepared and agreed by all interested parties. It is designed to ensure performance, quality and consistency of product.

Compliance with this specification has necessitated certain changes to specific models within the Zodion range. These are now incorporated as standard.

The range of Zodion photo electric controls is purposely limited to the types most widely used. Local conditions and preferences will determine the type selected.

Thermal or electronic, one or two part, they are all here within the Zodion range.

Models for specific purposes other than street lighting are available but they are not included in this leaflet.

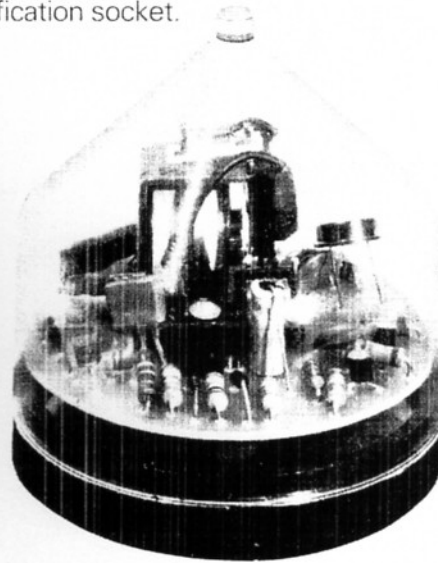
High volume batch production gives low unit cost and best value for money. Most components are in-house manufactured - leading to better economics and quality control.

## Electronic

### THE ZODION SS8

A one part negative ratio electronic control incorporating the specially designed light sensitive electronic circuitry which terminates in an electro magnetic two pole relay for load switching.

The Zodion SS7 is similar to the SS8 but utilises a thermal relay for load switching. Switch on at 70 lux with a switch off at 35 lux. Both the SS8 and SS7 plug into a Fisher L415 or any other Nema specification socket.



### THE ZODION SS57

A 2 part negative ratio electronic control with a remote photo cell. The miniature cell head is effective when there is a vandal or an aesthetic problem.

The electronic control circuitry is housed in a similar plug in control unit as the Zodion SS54.

