

# THE CONCEPT

SIREBECK T400 is based on the success of the S & T range of Thermal and electronic one part photo cell units. T400 and TS400 and TS400 N range utilise the proven reliability of Sirebecks blend of quality components coupled to advanced electronic engineering techniques. Sirebeck 400 the reliable two part photo control device.

# THE DESIGN

The Sirebeck 400 range of two part photo electric controls provide ease of installation, coupled to reliable cost effective component design which ensure accurate switch on and switch off at the preset lux settings.

The integral override switch enables the maintenance personnel to carry out lamp checks from the base of the column. The 400 range are available in the Thermal, Electronic, Thermoelectronic part-night and negative differential versions. The cell sealed or non sealed is housed in a vandal resistant enclosure incorporating a threaded spigot with a nylon "wheel" nut which requires no tools for installation.

The 400 range of two part photo electric controls have been designed as direct replacement units capable of "plugging" into existing Socket systems.

# THE SYSTEM

**The 400 series consists of three parts:**

- 1. The Detector**
- 2. The Controller**
- 3. The Terminal Block**

(a) The Detector – Fitted to the top of the lantern and consisting of a cadmium sulphide cell housed in a glass filled nylon threaded base with an opal self cleansing conical shaped cover, and fitted with a neoprene gasket and a locking nut with 500mm of high temperature pvc cable.

(b) The Controller – is situated in the bottom of the lighting column and fitted in to the terminal block.

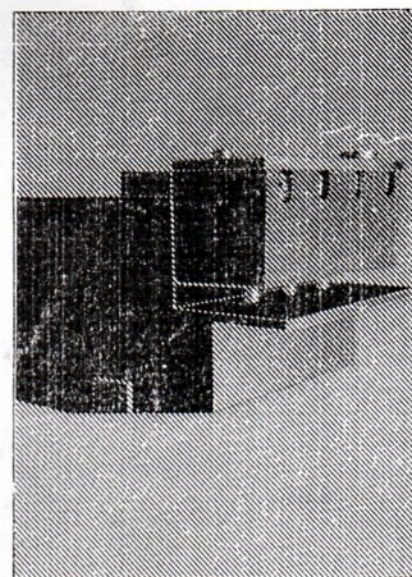
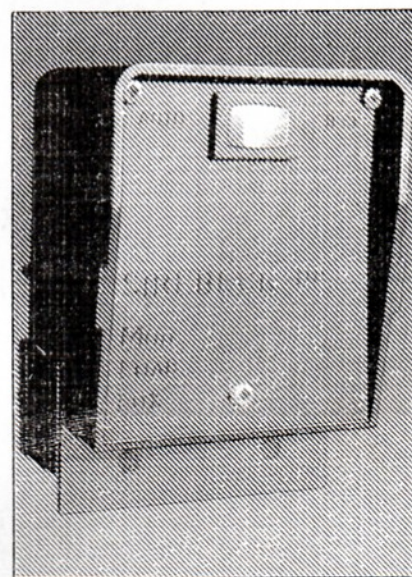
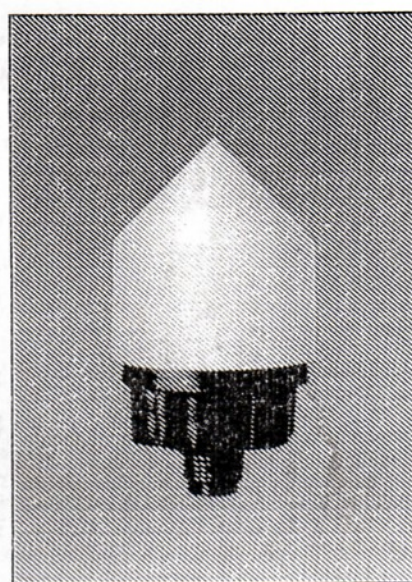
Inside the controller is the thermal switch, situated on the front of the controller the override rocker switch, which is used to switch the lights on during the daylight hours for maintenance purposes.

The load capacity of this unit is 1000 watts at 240 volts. Also available in the same housing is the TS400 the electronic version of the T400 having a load capacity of 1000w. TS400n this is the electronic TS400 with a negative differential.

## Dimensions:

**Controller** approx: 100mm high × 75mm wide × 70mm deep (incl; terminal block)

**Detector** approx: 50mm high.



# SIREBECK

Sirebeck Limited Woodthorpe House, Clapgate Lane, Woodgate Valley, Birmingham B32 3BU  
Telephone: 021-421 6041 Telex: 336465 MEDPLN G