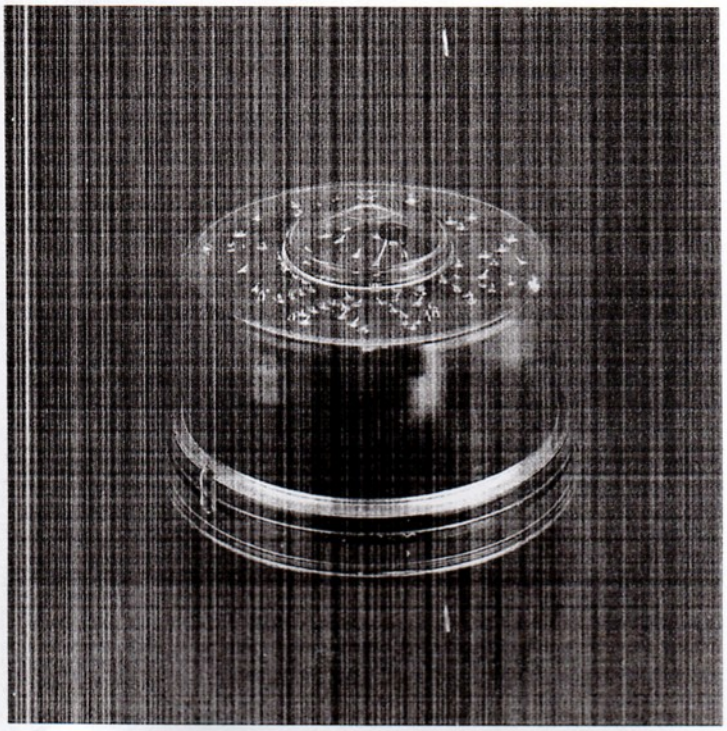
SBL Range Electronic Units

S300NPT

one part

STREET LIGHTING CONTROL



This version of the well-established S300 range uses a filtered silicon sensor to ensure photopic response close to that of the human eye. This gives consistent day to day and unit to unit performance, ensuring that all lanterns switch on and off together,

The sensor has zero drift throughout its life, so the unit is assured of consistent performance. It has a negative switching differential of 1:0.5, with a nominal switch-on value of 70 lux.

The well-tried electro-magnetic relay is used throughout the range and this unit has a maximum lamp load of 2 x 250W SON.

As with all units in the range, these controls are individually calibrated to±10% of the required switch-on value, before being electronically tested.

The housing consists of a toughened, impact resistant acrylic cone, with a self-cleaning profile. The base is moulded in nylon.

S300NPT fits the standard NEMA socket and the controls are guaranteed for six years.

TECHNICAL SPECIFICATION

SENSOR
Filtered Silicon Sensor

SENSOR DRIFT
Zero over 6 years

SWITCHING LEVEL
70 Lux standard

SWITCHING DIFFERENTIAL
1: 0.5 Negative

OUTPUT
Electro-Magnetic Relay

VOLTAGE
50Hz 230V ±10%

MAXIMUM LAMP LOAD
2 x 250W SON

MAXIMUM RESISTIVE LOAD
16 Amps

SWITCHING DELAY
20 Seconds

POWER CONSUMPTION
0.8W continuous

OPERATING TEMPERATURE
-20°C to +80°C

INGRESS PROTECTION
IP67 available

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