

LSA5000 LIGHTSAVE STATIC FLUORESCENT DIMMER

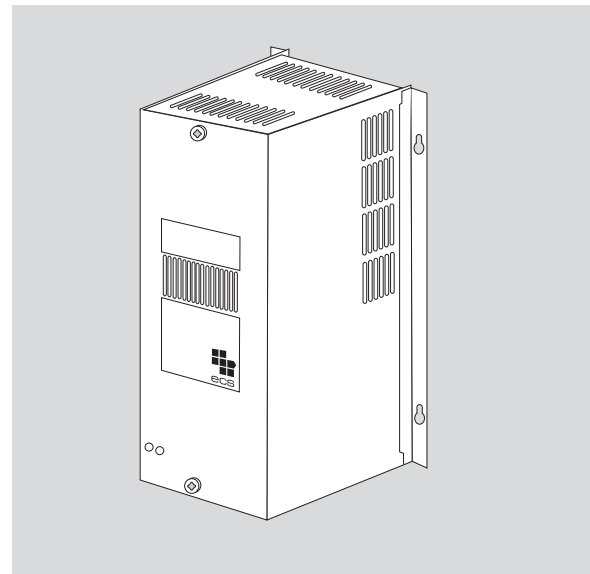
LightSave is an energy saving device which operates by reducing the voltage to a lighting load thereby reducing the power consumed. **It cuts energy bills by up to 30% with only a 15% reduction in light output** (NATA accredited laboratory test results). Lamp life is maintained by ensuring full voltage at start-up.

If it is inappropriate to reduce light output, LightSave can often be used in conjunction with widely available replacement fluorescent lamps to produce the same energy savings and no reduction in light levels. Contact ECS for further details.

The LightSave energy controller for discharge lamp lighting operates at full power for an initial startup period of 5 minutes. This facilitates striking of the lamp and stabilisation of discharge lamp light levels. Unlike other devices, LightSave is designed to be installed in the switched line of the controlled load rather than at the distribution board and is therefore unaffected by switching of adjacent loads.

The LSA LightSave with control of individual circuits has a number of significant benefits:

- extremely simple and inexpensive to install.
- no generated harmonic distortion.
- unaffected by future modifications to the distribution board.
- no system wide failure under fault conditions.
- Fail Safe' operation.
- Australian Designed and Manufactured

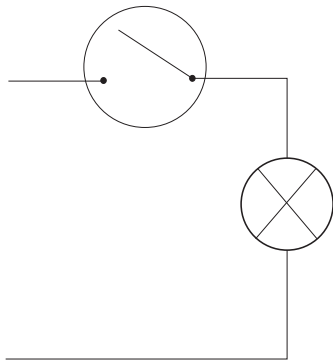


LightSave is designed for use in commercial, retail, educational, warehousing and hospital installations where it is impractical to switch off a load completely during working hours. It connected in series with the switched load and no commissioning is needed.

LightSave can be used in conjunction with other ECS lighting controls to further increase savings. Contact your nearest ECS office for further details.

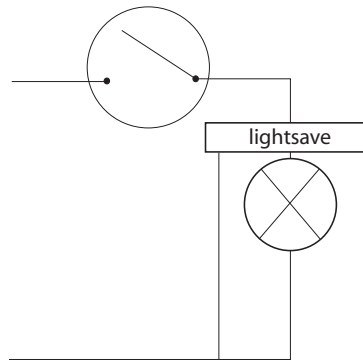
Wiring Schematic

Before LightSave



Power = 100%

After LightSave



Power = 85%, 80%, 75% or 70%

Each LightSave unit offers four voltage tapings.

These tapings are set to produce power savings of 15, 20, 25 and 30%.

This enables light and power output to be optimised according to need.

Technical Data

INPUT: 240 VOLT AC 50Hz

OUTPUT: Full power for 5 minutes after switch on.

Then 70%, 75%, 80% or 85% of full power
(user selectable).

MAXIMUM LOAD: 5000VA

WEIGHT: 7.5Kg

DIMENSIONS: 280 x 154 x 100

FIXING: Horizontal or Vertical

Typical maximum number of twin 36W luminaires
controllable by one unit is 44 luminaires.

Note: Exact quantity depends on control gear used
and luminaire power

Ordering Information

| Catalogue Number | Description |
|------------------|-------------------------|
| LSA5000B | Fixed 30% Tap LightSave |