

Outdoor lighting automation by **NATURE SWITCH**

Outdoor lighting for Compound Lighting, Yard Lighting, Street Lighting, Elevation Lighting, Landscape Lighting, Gardens, Parks, Resorts, Glow signboards, Hoardings & Aviation Lighting etc. can be handled efficiently with lot of energy saving.

Nature Switch offers a Versatile Solution with Intelligent Dusk to Dawn Lighting Control.

Nature Switch is designed for automatic control of outdoor lighting, using Space Grade Sensors. It is useful for control of all varieties of outdoor lamps, which are switched ON for the entire night. Nature Switch with attention free operation reduces manual costs, saves power bills and it pays for itself within a short period. We offer **Nature Switch** based on **INFRARED SENSING** which is tuned by nature itself offering complete and ultimate automation. It handles a lighting load of up to 3 kW in single phase.

SALIENT FEATURES

- ⇒ Automatic Switching ON at dusk
- ⇒ Automatic Switching OFF at dawn
- ⇒ No need of seasonal resetting
- ⇒ Wide operating Voltage range
- ⇒ High Voltage Protection
- ⇒ Low Voltage Protection
- ⇒ Over Load Protection
- ⇒ Immunity to dust, bird sittings and cloud cover
- ⇒ Immunity to moon and other street light
- ⇒ Degree of protection conforms to **IP64**



**ENERGY SAVED
IS
ENERGY GENERATED**

Winner of FAPCCI Award for “Best New Commercial Product”

GENERAL SPECIFICATIONS:

NATURE SWITCH is a light sensor based device for automatic control of outdoor lighting. It is an electronic device which can be mounted directly outdoors. It's enclosure conforms to IP64 and is made of special engineering plastics providing protection from rust, electric shock, termites, dust, rain, temperature and solar radiation.

ELECTRICAL and OPERATIONAL SPECIFICATIONS:

- 1. Operating Voltage Range : 150 to 300 VAC, 50-60 Hz
- 2. Operating Illuminance Levels
 - I. For Switching ON : < 60 lux for >30 sec
 - II. For Switching OFF : >10 lux for >30 sec
- 3. Max. Lighting Load : Upto 3kW
- 4. Switching Endurance : Minimum 5,000 cycles
- 5. Automatic Voltage trip/reset levels
 - I. High Voltage Trip/reset : > 285VAC /< 270 VAC
 - II. Low voltage Trip/reset : < 150 VAC/ > 165 VAC

Tested and certified by
ETDC, Hyderabad

BENEFITS TO THE USER:

Problem free operation of the lighting when needed.
Elimination of all energy wastages leading to substantial savings.
Provides definite and reliable switching in cold, rain or heat.
No clock settings or corrections, hence hassle free.
Operational settings valid for life, hence no attendance.

BUILT IN SEASONAL ADJUSTMENT AND SETTINGS VALID FOR LIFE:

Nature Switch will automatically adjust the switch ON and switch OFF times according to the seasons without the need for any resetting.

OUR REGULAR CUSTOMERS INCLUDE:

State Bank of India
Indian Bank
State Bank of Hyderabad
NCR
MES

ING Vysya Bank
Bank of Baroda
Bank of Maharashtra
BSNL
CPWD

Karnataka Bank
Allahabad Bank
Corporation Bank
FCI
SCR

Mfd. In India by:

KAKATIYA ENERGY SYSTEMS PRIVATE LIMITED

3-6-272, 3rd Floor, N.V.K. Towers, Himayat Nagar,
HYDERABAD - 500 029
Ph: 040 - 2326 2540, Fax: 040 - 2326 2550
E-mail: mail@nareswitch.com
web site: www.natureswitch.com