KAKATIYA

Swadeep EC...kW...P

Ideal Lighting Automation»»

SWADEEP EC series offer an Intelligent Lighting Control.

SWADEEP EC Series is designed for automatic control of outdoor lighting, using Space Grade Sensors and an advanced micro controller. It is useful for control of all varieties of outdoor lamps. SWADEEP EC series with attention free operation reduces manual costs, saves power bills and it pays for itself within a short period. SWADEEP EC series **is available in various models offering a solution to different load requirements.**



Salient Features

- NO Maintenance
- NO effect of artificial lights
- Protection from high & low voltages
- IP 54 Enclosure
- Part Night Operation (4-8 hours)



From

KAKATIYA ENERGY SYSTEMS PVT. LTD.

- **An ESCO Grade-2 Company**
- **Innovative Patented Technologies**
- **Recipient of Innovation Awards from SIEMENS, CII, FAPCCI**

MAKE IN INDIA

INTELLECTUAL PROPERTY PATENTED INTELLECTUAL PROPERTY

ISO

TESTED & CERTIFIED CPRI, ETDC, ERDA

KAKATIYA

APPLICATIONS



BENIFITS

- ✓ **Automatic switch ON/OFF**
- ✓ **0% chance for time deviation**
- ✓ **Patented sensing technology**
- ✓ **NO attendance**
- ✓ **Rust proof, Electric shock proof**
- ✓ **With Pole Mountable Accessories**
- ✓ **Protection against high & low voltages**
- ✓ **IP54 enclosure**

TECHNICAL SPECIFICATIONS

Electrical

Operational Voltage Range	230 VAC
Frequency	50 - 60 Hz
Output load rating	Depending on kW Model
Switching endurance	> 5,000 cycles

Operational

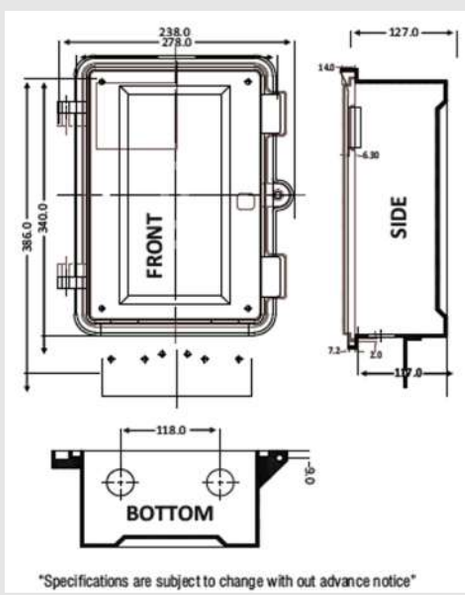
Illuminance levels:	
i. for switching ON	<60 lux for >30 sec.**
ii. for switching OFF	4 to 8 hrs. or at DAWN
Switching OFF at Dawn	>10 lux for >30 sec.*
Ambient Temperature Range	-10^0 C to +60^0 C
Automatic high voltage trip threshold	> 280 volts**
Automatic high voltage reset threshold	< 265 volts**

* in field conditions,
** customizable,

Mechanical

Device IP rating	IP 54

MECHANICAL DIMENSIONS



ENERGY SAVED IS ENERGY GENERATED

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