

Innovations Of Great Value . . .

. . . A Complete Range Of Sensor Light Switches



Model LS908E : Ceiling Mount Sensor Light

PIR Sensor : Dual Element
Power Supply: 220-240V/AC
Power frequency: 50Hz/60Hz
Rated load: 1200W Max. (GLS Lamp)600W Max. (CFL, TL)

Detection angle: 360° Time setting: 20Sec- 20 Min
Light-control: <10LUX~2000LUX (adjustable)
Detection Range : 3-8mtrs

Model LS912R : Ceiling Mount Sensor Light

PIR Sensor : Quad Element, Detection Range—3-12mtrs, Resettable Fuse, Precise Settings.



Model LS105 : Ceiling Flush Mount Sensor Light

Power Supply: 220-240V/AC
Power frequency: 50Hz/60Hz
Rated load: 800W Max.(GLS) 400W Max.(CFL, TL)
Detection angle: 360°
Time setting: (8±3)Sec-(8±3)Min

Light-control: <10LUX~2000LUX (adjustable) Detection Range : 8 mtrs Max. Installation Height : 2.5~3.5mtrs



Model LS253 : Ceiling Flush Mount Sensor Light PicoMotion

Power Supply: 220-240V/AC
Power frequency: 50Hz/60Hz
Rated load: 2000W Max.(GLS) 480W Max.(CFL, TL)
Detection angle: 360°
Time setting: 5Sec-12Min

Light-control: <30LUX~200LUX
Detection Range : 4-8mtrs
Wall Switch Function : ON/OFF Manual override with Remote.
Remote function
1) AUTO 2) ON 3) OFF 4) Channel Switch. IP : 20



Model LS2000 : Modular Sensor Light

Power Supply : 220-240V/AC
Power frequency: 50Hz/60Hz
Rated load: 500W Max. (GLS)
Detection angle: 140°
Time setting: 5Sec-7Min
Light-control: <3LUX~1000LUX

(adjustable) Detection Range - 12 mtrs IP :20



Model LS052 : Wall Mount Sensor Light

Power Supply: 220-240V/AC
Power frequency: 50Hz/60Hz
Rated load: 1000W Max. (GLS) 400W Max. (CFL, TL)
Detection angle: 110°
Time setting: 5Sec-12Min

Light-control: <30LUX~200LUX
Detection Range : Upto 12 mtrs IP: 44

Model LS29A : Ceiling Mount Sensor Light Round

Power Supply: 220-240V/AC
Power frequency: 50Hz/60Hz
Rated load: 1200w
Detection angle: 360°
Time setting: 5Sec- 12 Min
Light-control: <20LUX~2000LUX
Detection Range : 3-10mtrs ;
IP: 20Installation
Height : 2.5~3.5mtrs



IP:20
CE

Model LS206 : Ceiling Flush Mount Sensor Light Round

Power Supply: 220-240V/AC
Power frequency: 50Hz/60Hz
Rated load: 2000W Max.(GLS) 1000VA Max.(CFL, TL)
Detection angle: 360°
Time setting: 3Sec - (Adjustable)40 Min
Light-control: <5LUX~1000LUX
Detection Range : 3-7mtrs ;
Installation Height : Typically 3 mtrs
IP : 20



Model LS150 : Halogen Sensor Light 150W

Power Supply : 220-240V/AC
Power frequency: 50Hz/60Hz
Rated load: 150W Max. Halogen
Detection angle: 180°
Time setting: 5Sec-7Min
Light-control: <10LUX~2000LUX (adjustable)
Detection Range : 2~11 mtrs ; IP: 44



Model LS500 : Halogen Sensor Light 500W

Model LS84A : Wall Mount with LED Lamp

Power Supply: 220-240V/AC
Power Frequency: 50Hz/60Hz
Detection Angle:120°
Detection Range: 5~10m Max(22°C)
Time Setting: Min:7sec~6min
Ambient light:<10LUX~2000LUX
Installation Height:1.5m~3m tandby Power: 0.45W Power Consumption: 8W LED quantity: 45PCS IP: 44 CE (TUV) CB



IP:44 CE

Model LS603-3 : Halogen Sensor Light with Video Camcorder

24frame, 4G lens, 640x480 pixel true VGA, MPEG 4 format
10sec. Pre-recording plus 20sec. Video file
More features incl. Year/Date/Time stamp, error install reminding sound, SD card smart detect and write protect switch, 2 default and 2 recordable alert sounds for selection, 4 scenes mode selectable.
IP code : 54.



Model LS604-3 : with MJPEG Slide Show

GENERAL FUNCTIONING

1. Starts functioning only when ambient light is below preset level.
2. Switches ON lights on sensing motion.
3. Keeps lights ON till the motion is detected.
4. Turns OFF the lights after the set time.

BENEFITS

1. Saves 80-95% energy (depending upon usage).
2. ROI in 4 months (with 6 TL load) (conditions apply)
3. Security : Warn Intruders.
4. Models for all the applications : Indoor, Outdoor.
5. Less greenhouse gas emissions and better environment for us.
6. Easy to Install - Any electrician can install it.

APPLICATIONS

1. Use with Tube lights, CFL, Incandescent Lamps, LED, Halogen.
2. Use in passages, parking, cabins, toilets, staircases, elevators, etc.
3. Use for gardens, factory surroundings etc.
4. Use for Air Conditioners.
5. Outdoor/Remote Security : Windmills, Cell Towers, Electrical Substations, Yards, Godowns (Models : LS603-3, LS604-3).
6. Models for all the applications : Indoor, Outdoor.

Vighnaharta Security brings to you yet another product range which will save energy and also provide security.

Millions of lights are left ON in buildings (residential complexes, office buildings, factories, malls etc.) without any use. Our product ecoLuz makes it possible to turn the lights on only when needed. For example residential towers have lights in staircases which are hardly used as residents normally use elevators. These lights could be switched ON only when someone uses the staircase. Similarly lights in gardens, factory surroundings are left ON throughout the night. Factories do have modern security systems to take care of it. So lights can be turned ON only when necessary. In fact our products have hundreds of applications. Users can choose the suitable product from battery of models we are offering.

SAVING ENERGY

Our products are very useful for saving energy. Our entry level model will give you return on investment in approx 4 months with 6 Tube lights load. For example; In your residential society common parking area is lit by 15 numbers of tube lights. Normally all of them are ON for 12 hours (during night). Now we consider 12 tube lights are fitted with our unit. It will ON and OFF automatically when required. Considering that electricity shall be saved for 8 hours, following savings could be calculated.

Tube Lights	100% ROI (Return On Investment)	Savings Per month
12	2 months	700/-
6	4 Months	350/-
1	24 months	60/-

1 Unit = Rs.6/- (Approx)., 12 TL x 40 W = 480W ~ 500W

1 Unit = 1 KW/Hr = 1000 W/Hr.

500W for 1Hour= 0.5KW/Hr = 0.5 Unit / Hr. = Rs. 3 /- per Hr.

8 Hrs x 3/- = Rs.24 /- X 30 days = **Rs.720 /- Per Month.**

So at the end of month you will save Rs.720/- or more. It will refund your investment within 2-3 months on product purchase.

SECURITY

Our Models LS 150, LS 500, LS 603-3 & LS 604-3 can be used for security applications. It can protect material in open yards (factories, Construction Sites, Turnkey project Sites). It can be also used in Back Yards of Bungalows, Societies, Row houses, Corporate Offices, Super markets, Shopping Malls etc.

LS150 and LS500 are simple sensor light switches with built in halogen lamp. LS603-3 & LS604-3 have not only halogen lamp but also alarm system and digital audio+video recorder. Whenever it detects motion, it will sound the Siren and also record audio and video in the Memory Card fitted inside. 32KB memory card can record upto few months depending upon motion events being recorded.



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DEALER