

LIGHT MASTER

Automatic Street Light Switching Device



TIMER



SENSOR



ISO 9001: 2008 Company

LIGHT MASTER

Light Master is a Solid State Electronic Automatic

ON / OFF switching device for lights. The switching device turns ON / OFF the lights based on

1. The ambient light level sensing
2. Clock Time.
3. Mobile Controller
4. PSCADA

Power Saved is Power Produced

Light Master saves lot of electrical power by preventing early 'Switch ON' and late 'Switch OFF' of outdoor lights. Tamil Nadu Electricity Board Engineers found that Light master pays back its cost within 3 years 2 months.

Protection

Light Master protects electrical systems when power resumes after failure. Since it has a 'ON delay', which reduces surge current on the distribution transformers. It also protects light bulbs from voltage surges.

Rugged and Reliable

Light Master's casings and circuits are effectively designed to operate perfectly even in the worst operating conditions.

Proven

For the past 25 years Light Masters are in successful operation at various locations of Tamil Nadu Electricity board, Corporation, Municipality, Town Panchayat, Village Panchayats and Private sectors.

Product range

Light Master is available in a wide range of models for the market needs.



**PHOTONIC
SYSTEM PVT LTD**

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Together let us save **POWER**

SPECIFICATION

CLOCK TIMER BASED

Voltage	: 230/415 VAC
Frequency	: 50 HZ
Phase	: 1 or 3 Phase
Clock	: 24 Hrs Quartz Controlled
Settings	: 3(ON/OFF) Settings in 24 Hrs cycle
Overload Protection	: Inbuilt
Low Voltage Protection	: Inbuilt
Delay ON	: 10 sec (Approx.)
Control Fuse	: Inbuilt
User Security	: Key Number Required
Auto / Manual Switch	: Inbuilt

SENSOR BASED

Voltage	: 230/415 VAC
Frequency	: 50 HZ
Phase	: 1 or 3 Phase
Switching Light Intensity	: 2-25 LUX (Adjust)
Overload Protection	: Inbuilt
Low Voltage Protection	: Inbuilt
Delay ON	: 10 sec (Approx.)
Control Fuse	: Inbuilt
Auto / Manual Switch	: Inbuilt

Mobile Controller Based

Voltage	: 230/415 VAC
Frequency	: 50 HZ
Phase	: 1 or 3 Phase
Switching Light	: Missed Call or SMS or Voice Call or Time setting
Live Monitoring	: Yes
Overload Protection	: Inbuilt
Low Voltage Protection	: Inbuilt
MCB Trip Indication	: Inbuilt (Through SMS)
Contact Failure Indication	: Inbuilt (Through SMS)
Delay ON	: 10 sec (Approx.)
Control Fuse	: Inbuilt
User Security	: Product Tracking Facility, Door Opening Alert, Unauthorized access alert and Theft alert
Auto / Manual Switch	: Inbuilt

Models Based on Load

2000 W, 5000 W, 8000 W, 10000 W, 15000 Watts

Highmast Panels



OUR OTHER PRODUCTS



Photonic Mobile Controller

Can Switch ON / OFF Motor Pumpset Through Cell Phone. It can Monitor Current and Voltage.

Stater Panel

From 1 HP to 20 HP stater panels with mobile controller & without mobile controller are available



Photonic Valve Controller

Controlling Drip Irrigation valves through mobile, upto 30 valves controlling available.

Chrono Controller

Can Switch ON / OFF Motor Pumpset Based ON Timer with Inbuilt Motor Protection



Photonic Mobile Changeover

Automatic changeover unit controls two motors from one unit (PMC)

PSCADA

Photonic Supervisory Control And Data Acquisition

SUNLIGHT INTENSITY

