

Solar Luminaire



Features:

- Wall mountable type
- Built-in high frequency inverter.
- Anodized aluminium reflector.
- Base up configuration.
- Auto reset fuse for overload and short circuit protection.

Application

- Solar PV Home systems,
- RV systems,
- Village electrification, standby light source

Maruthi's DC operated wall mountable indoor lighting luminaire is extensively used in solar home lighting systems. It consists of a Compact Fluorescent Lamp (CF Lamp) and a high frequency inverter. High frequency inverter offers high efficacy, more light output and long service life to the CF Lamp.

The Indoor lighting luminaires are available in different lamp wattages and models. All adequate protections are provided in the luminaire for safety, reliability and long life. These lights are ideally suited for lighting applications powered from renewable energy sources. These are widely used in Solar Home systems.

Technical Specification

Model	MSIL07	MSIL09	MSIL11
Lamp Type	Compact Fluorescent Lamp, 4 Pin, Single U		
Lamp wattage	7W	9W	11W
Rated Light Output (Lumens)	370 ± 5%	600 ± 5%	900 ± 5%
Rated lamp life (Average)	8000 Hours		
Rated working voltage	12V DC		
Working voltage range	10.5 to 14V DC		
Inverter type	Quasi sine wave, free running		
Inverter frequency	24-28 kHz		
Reverse battery and over load protection	Provided with auto reset fuse		
Lamp fixing	Wall mounting with screws		
	CF Lamp in base up configuration		
Connection	Suitable terminal block		
Case	Injection moulded engineering plastic		
Light diffuser	UV stabilised / non yellowing acrylic		
Reflector	Highly reflective anodized aluminium		
Size (Shipping) (mm)	280x80x50		
Weight (Shipping)	330 gm		
<i>Data subject to change due to continuous improvement.</i>			

Maruthi Solar Systems

An ISO 9001-2008 Certified Company

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