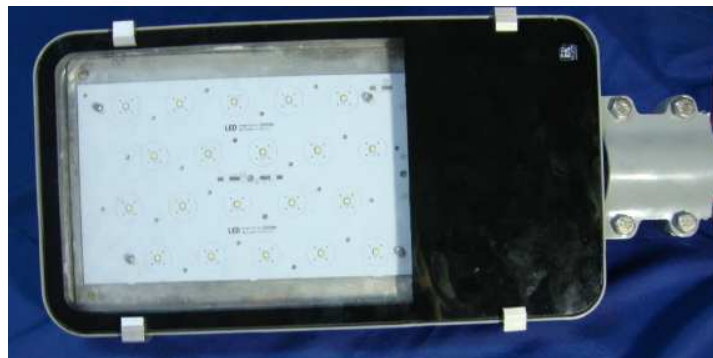


Elsi Led's lighting ... a world of solutions.



Elsi Led lights are suitable for 12VDC /24VDC systems. It covers indoor and outdoor lighting.

Based on Led's from leading manufacturer (Osram , Cree ..), equipped with efficient drivers, and generous heat sinking system **Elsi Led Lights** are made to withstand harsh environment for long time.



Thanks to Led light directivity and the high lumen/watt ratio, **Led indoor Light** deliver useful light at levels rarely reached at comparable wattage.

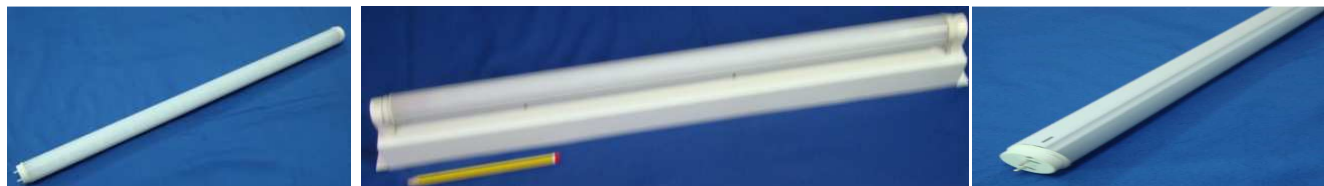


Elsi Led's indoor lighting

Product description: Led Indoor Lights are convenient for a variety of applications fields as : Off grid PV systems , transport vehicles, emergency lighting, telecom industry , and similar cases.

Main features: Reverse polarity passive protection. On board driver , High lumen/watt ratio- CRI >70- Life time >50000 h - Beam angle 120° - Color temp 6000 K/ 6500K, other on request. Working temp: -15/+45°C.

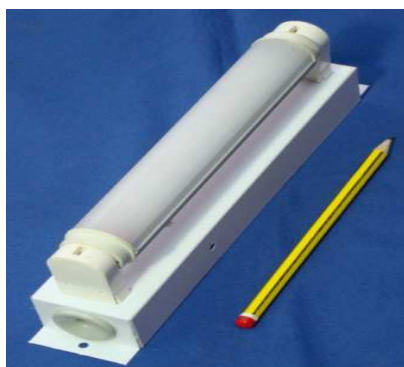
Led Light Tubes: The smart solution; Simple and convenient.



The T8, 2 feet long (60cm) **Led Light Tubes** are designed to fill full indoor lighting needs, efficiency and extreme reliability. **Led Light Tubes** are very convenient to retrofit fluorescent tube luminars with Led lights, with ease of installation and economy.

Reference	Voltage	Wattage	Lumens	2 feet (standard) length. Diameter 31 mm. Weight =220 Gr. Contact us for complete luminars based on 2 feet led tube,
LT12-15	12Vdc	15 w	1800	
LT12-10	12Vdc	10w	1080	
LT24-15	24Vdc	15w	1800	
LT24-10	24Vdc	10w	1080	
LT24-8	24Vdc	8w	850	

Miniluminars :



*Reliable Compact
and Complete*

Miniluminars are designed to fill full Moderate indoor lighting needs, with ease of installation, economy and extreme reliability. **Miniluminars** are suitable for 12Vdc systems. **Miniluminars** are delivered complete, pre wired.

Reference	Voltage	Wattage	Lumens	Overall packaging dimension: 250mm L x 40mm W. 35mm D. Weight : 240Gr .Tube length 200 mm.
ML12-5	12Vdc	5 w	540	Contact us for: 24 V dc versions and for different dimensions and wattages.
ML12-3	12Vdc	3 w	324	

Elsi Led's outdoor lighting

Product description: Led outdoor Lights are suitable for 12Vdc /24Vdc systems. Led outdoor Lights are convenient for a variety of applications fields as PV lighting systems for streets, squares, cross roads, railways gates and crossing roads and rural lighting, emergency lighting and similar cases. Led outdoor lights are made from aluminum die cast.

Main features: Reverse polarity protection , High lumen/watt ratio- CRI >70- Life time> 50000 h - Beam angle 120° - Color temp 6000 K/ 6500K, other on request. Working temp:-15/+ 45°C.



Miniprojectors:

Miniprojectors are designed to fill full localized indoor and outdoor lighting needs, with ease of installation, economy and extreme reliability. **Miniprojectors** are suitable for 12Vdc /24Vdc systems. **Miniprojectors** are delivered with adjustment bracket.



Reliable, compact, and practical

Reference	Voltage	Wattage	Lumens	Overall packaging dimension: Weight : 800 Gr . IP 67 . Miniprojectors can be delivered with E27 caps.
MP12-12	12Vdc	12 w	1500	
MP24-15	24Vdc	12 w	1600	

Led's Street Lighting.

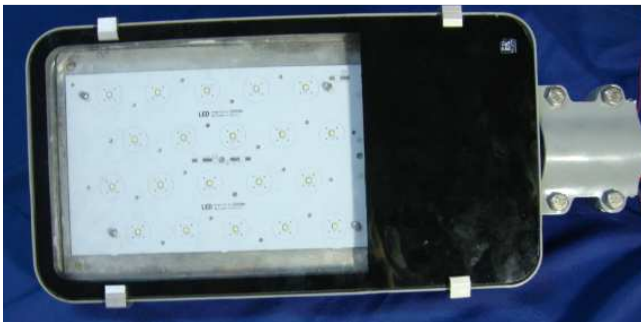
Reliable, affordable, and efficient

Mini Street lights. Mini Street light are designed to fill full moderate outdoor lighting needs, economy and extreme reliability.



Reference	Voltage	Watt	Lumens	Pole Height	Overall dimension: 360*130*50mm (L*w*D). Weight: 2.3 Kg. Pole diameter 42mm. IP 65. Toughened glass.
MSL12-15	12Vdc	15 w	1800	4m	
MSL12-20	12Vdc	20w	2600	4m	
MSL12-25	12vdc	25w	3200	6m	
MSL24-20	24Vdc	20w	2600	4m	

Road Street lights: Road Street lights are designed to fill full lighting needs of roads and outdoor large spaces, with high efficiency and extreme reliability.



Reference	Voltage	Watt	Lumens	Pole Height	Overall dimension: 390*175*50mm L*w*d . Weight: 3.4 Kg . Pole diameter 60mm. IP65.Toughened glass
RSL12-30	12Vdc	30 w	3750	6m	
RSL12-36	12Vdc	36w	4500	6m	
RSL12-42	12vdc	42w	5900	8m	
RSL24-36	24Vdc	36w	4500	6m	
RSL24-50	24Vdc	50W	6850	8M	

Changes without notice