

Energy Saver

High Power Outdoor Light



SL-8
series

Based on newest technology in lighting, the SL-8 series of outdoor flood lights offer great benefits in terms of

- Energy Saving
- Maintenance Costs

SL-8 series is weatherproof, long life and aesthetically pleasing design offering best cost / performance ratio and a real value for money. These benefits makes SL-8 series a best choice for solar powered applications as well.

A well engineered optical design helps achieve optimum beam pattern and maximum light output thus best utilizing the costly energy.



Features

- Solid state light, no electrodes or filaments.
- Longest life among available lighting technologies.
- Highest efficiency (light output / watt).
- Cool light, does not generate heat.
- Does not get dim like other lamps.
- No choke, No starter, No flicker
- True energy saving - High Power Factor.
- No harmful emissions.
- No mercury, No lead.
- Better uniformity.
- Wide beam angle.
- Cool White or Warm White
- Easy installation (pole or bracket)
- No maintenance required.
- Slim and flexible design weather proof design

Applications

Outdoor lighting, Lawns, Walkways, Streets, Highways, Tunnels and many more places where good and uniform lighting is required.



SL8-10 (80 Watts) light installed on a custom designed pole

Technical Data

Mains Voltage / Frequency	170 ~265 VAC, 50 / 60 Hz
Power Rating	40 / 80 Watts
Power Factor	> 0.95
Luminous Flux	3600 / 7200 Lumen
Efficacy	90 Lumen / Watt
Color Temperature	Cool, Pure & Warm White
Beam Angle	> 120°
Light Source	Surface Mount LED

Life Span	>50,000 Hours / 15 Years*
Operating Temperature	-10° ~ +55° C
Operating Humidity	0 - 95% Non-Condensing
Dimensions	410 x 360 x 70 mm
Weight	10 Kg
Ingress Protection	IP-67
Warranty	12 Months
Mounting	Pole / Bracket

* Lamp life (by design), Based on 8 Hours / Day usage

Energy Saving Comparison

Factors	Outdoor Lights	
	SL8-10 (80W)	250W Sodium Lamp
Lamp Power Consumption	80 W	250 W
Real Power Consumption (including power supply)	85 W	320 W ⁽¹⁾
Life Span (Hours)	50,000	5,000
Comparison of Energy Consumption (For 10 lights)	Based on 10 Light Fixtures	
Total Power Consumption (Watts)	850	3,200
Electricity Consumption / Day (KW-Hour) ⁽²⁾	8.5	32
Annual Electricity Consumption (KW-Hour)	3,102	11,680
Cost of Energy & Maintenance (For 10 fixtures)	Based on Rs. 12 / Unit of Electricity	
Cost of Energy consumption / Year (Rupees)	37,224	140,160
Cost of Lamp Replacement ⁽³⁾	N/A	1,500
Cost of Labour	N/A	1,000
Cost of Choke Replacement	N/A	1,500

Based on this data, each SL8-10 product saves you at least Rs.10,693/- per year

For further information, please contact

- (1) Local made chokes consume too much power
 (2) Based on 10 hours operation / day
 (3) Electrode failure is a common problem in sodium lamp

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