

Lights for Solar & Wind Energy

LED “Solar Butterfly” Street Lights

Resirah
MicroLite®

RSL-DC
series

A revolutionary design in Solar Street Lights, bringing the newest technology for minimizing Design Size of Solar / Wind Systems.

- Minimize energy consumption with maximum light output
- Longest life compared to any other available light source

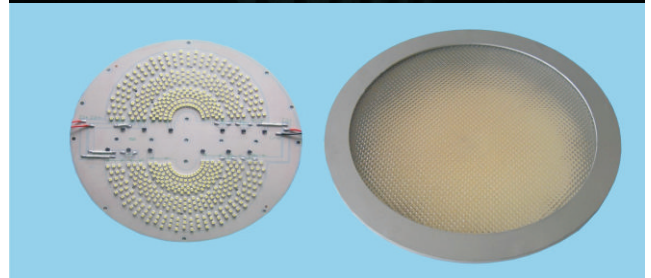
RSL-DC series of LED Street Lights facilitates in minimizing the capacity of alternate energy systems for lighting. RSL-DC series of LED lights are real value for money. These lights offer excellent light output per watt and at the same time have amazingly long life.

Features

- Switchable 3 Zone Light Intensity- 13/26/40 Watt
- Solid State Light - No electrodes / filaments.
- Longest life among available lighting technologies.
- Highest efficiency (light output / watt).
- Cool light, does not generate heat.
- Insect Repellent.
- Does not get dim like fluorescent lamps.
- No choke, No starter, No flicker.
- No harmful emissions, No Mercury.
- Excellent Thermal Management..
- Better uniformity.
- Wide beam angle.
- Glare free light.
- Easy installation.
- No maintenance required.

Applications

Streets, Highways, Walkways, Parks, Security Lighting, Open Parking, Lawns, Billboards Illumination and other open areas around the buildings and security zones.



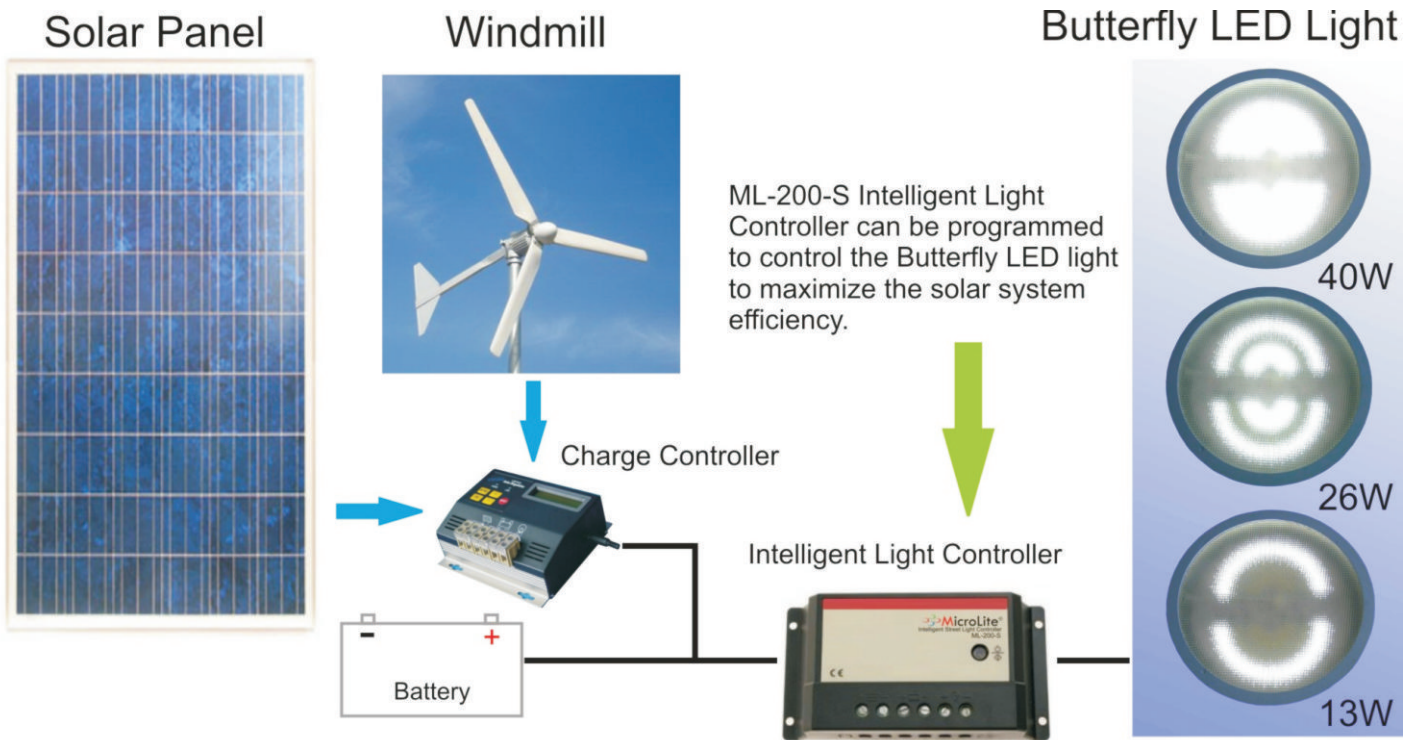
Technical Data

Operating Voltage	12 VDC
Power Rating	40 Watts. 3 Stages
Power Factor	Unity
Luminous Flux	3600 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	298mm Dia X 110mm Height
Weight	3.1 Kg
Ingress Protection	IP-65
Warranty	12 Months
Mounting	Standard 1.5" pipe clamp

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

Typical System Diagram



RSL-DC series of LED Butterfly Street Light is best suitable for use in solar applications along with ML-200-S, Intelligent Solar Street Light Controller. Using ML-200-S, it is possible to use the RSL-DC LED street light as a multi-stage device, providing 13W, 26W and 40W configurations. This powerful feature saves precious energy and reduces the size of solar system and the battery.

For further information, please contact

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