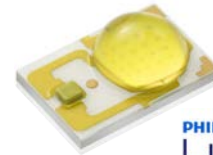


SL34

SL34 SOLAR LED STREET / PARKING LOT LIGHT
35W, 65W, 100W, 135W LED Lamp Complete Solar System



Modular design allows for longer life and greater efficiency.



PHILIPS LUMILEDS

Philips Luxeon® Rebel ES
Up to 105 lm/W efficiency.



135 Watt LED Lamp - Philips Luxeon® Rebel ES
Provides approx. 12,825 Lumens of light output.

100 Watt LED Lamp - Philips Luxeon® Rebel ES
Provides approx. 9,500 Lumens of light output.

65 Watt LED Lamp - Philips Luxeon® Rebel ES
Provides approx. 6,175 Lumens of light output.

35 Watt LED Lamp - Philips Luxeon® Rebel ES
Provides approx. 3,325 Lumens of light output.



Worldwide Shipping ✓

Lowest Price Guarantee ✓

5 Year Product Warranty ✓

Lifetime Tech Support ✓

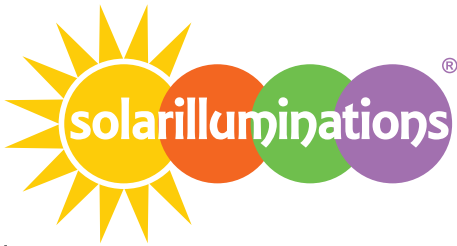
20 Year Panel Warranty ✓

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SL34 SOLAR LED STREET / PARKING LOT LIGHT
35W, 65W, 100W, 135W LED Lamp



 File No. E466856

LUXEON® T LED emitters produce up to 105 lumens per Watt efficiency and have a life span greater than 100,000 hours of operation.

DARK SKY COMPLIANT LIGHTING Full Cutoff Light Fixture

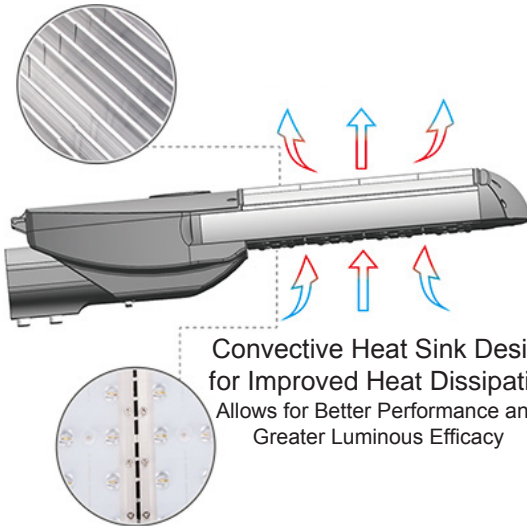
Color Option:



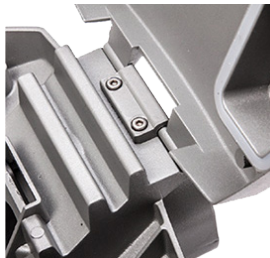
PHILIPS
LUMILEDS



LUXEON®
never before possible



Convective Heat Sink Design
for Improved Heat Dissipation
Allows for Better Performance and
Greater Luminous Efficacy



Easy Access to
Driver and Connections



Vented Design for Ideal
Heat Dissipation



Supplied with Stainless
Steel Hardware



Adjustable Arm from
0° – 15° Increased Projection

LM-79

Worldwide Shipping

Lowest Price Guarantee

5 Year Product Warranty

Lifetime Tech Support

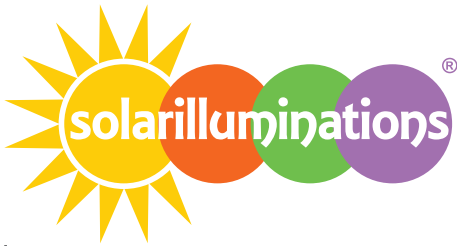
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35W, 65W, 100W, 135W LED Lamp



Made in the USA

“EastPenn batteries are engineered and tested to provide reliable, long-lasting power for Photovoltaic (PV) and renewable energy applications where frequent deep cycles are required and minimum maintenance is desirable.”



MPPT

Maximum Power Point Tracking

Maximizing your energy production and solar panel performance. MPPT Charge controllers capture up to 30% more power than conventional charge controllers. It also allows for user programmed illumination time or dusk to dawn activation.



Monocrystalline Solar Panel

High quality and superior performance; these solar panels will withstand the test of time. Designed to endure the harshest of environments and guaranteed to output power for over 20 years. Typically manufactured in the USA, Canada, Germany, or Japan.

*Panel specifications are subject to model and geographic location.



Worldwide Shipping ✓

Lowest Price Guarantee ✓

5 Year Product Warranty ✓

Lifetime Tech Support ✓

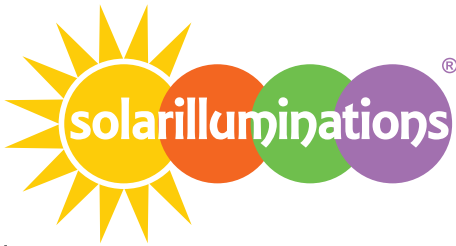
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SL34

SL34 SOLAR LED STREET / PARKING LOT LIGHT 35W, 65W, 100W, 135W LED Lamp Complete Solar System

Performance

Operating voltage is 24 Volts. DC.

Maximum current 1.62A, 3.01A, 4.63A, 6.44A (subject to model selected).

Power consumption is 35, 65, 100, or 135 Watts (subject to model selected).

Operating temperature -40°C - +80°C (-40°F - +175°F).

Special control system to prevent over-charging and over-discharging.

Includes a minimum of three days autonomy (battery back-up).

The 35W, 65W, and 100W models typically have an illumination time up to 14 hours (dusk to dawn).

The 135W model typically has an illumination time up to 9 hours using a single or dual timed mode.



Light Fixture

- Supplied with a single lampshade unit.
- Low profile design with minimal wind resistance.
- Features a fully adjustable tenon which can rotate 90 degrees and adjust at 15 degree intervals.
- Configured with one or multiple LED modules containing 14 LEDs each.
- Lamp is supplied in four different lighting distributions (Type I, II, III, or V).
- 35 Watt lamp is fitted with one module. Light output 3,325 Lumens.
- 65 Watt lamp is fitted with two modules. Light output 6,175 Lumens.
- 100 Watt lamp is fitted with three modules. Light output 9,500 Lumens.
- 135 Watt lamp is fitted with four modules. Light output 12,825 Lumens.
- LED color temperature is white (5000K), other color temperatures available warm white (3500K) or yellow.
- LED life is typically up to 100,000 hours or equal to about 22 years.



Solar Panel

- Typical solar panel life is approximately 20-25 years subject to environmental factors.
- Highly efficient monocrystalline solar panel, aluminum framed, anti-aging, and encapsulated membrane.
- 35 Watt model is supplied with a 180 Watt solar panel.
- 65 Watt model is supplied with a 280 Watt solar panel.
- 100 Watt model is supplied with a 420 Watt solar panel.
- 135 Watt model is supplied with a 420 Watt solar panel.
- Solar panels are typically supplied in a dual format (2 x 90W = 180W, 2 x 140W = 280W etc.).
- Certain geographic locations may require higher wattage solar panels.

Worldwide*
Shipping

Lowest Price*
Guarantee

5 Year*
Product Warranty

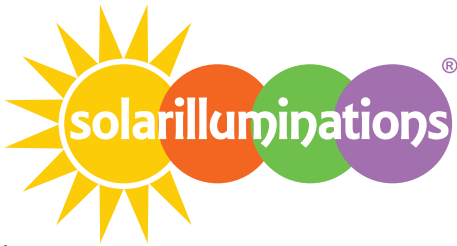
Lifetime*
Tech Support

20 Year*
Panel Warranty

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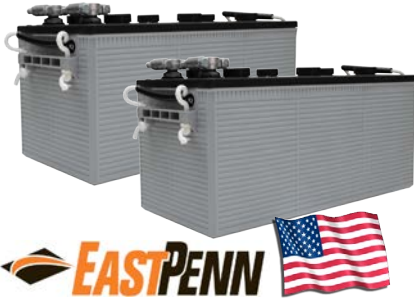
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SL34 SOLAR LED STREET / PARKING LOT LIGHT 35W, 65W, 100W, 135W LED Lamp



Battery

- Manufactured by: East Penn Manufacturing Co. Inc.
- 100 % made in the USA.
- Supplied with two 12 Volt AGM deep cycle rechargeable batteries.
- GEL batteries are available as an option.
- Battery capacity ranges from 92 AH up to 245 AH (at 20 HR Rate) subject to model selected.
- Non-spillable (defined by DOT, ICAO and IATA), valve regulated, NonHAZMAT.
- Conforms to ISO9001, ISO/TS 16949, and ISO14001 standards.
- Three year manufacturer's warranty.
- Typical battery life is approximately 5-7 years, subject to environmental factors.

MPPT Control Module



- MPPT charge controllers are up to 30% more efficient than conventional PWM type charge controllers.
- The controller houses connections for the solar panel, batteries, and luminaire. It also includes LED status indicators for charging and battery state of charge.
- Charge controller features over charge and over discharge protection.
- Automatically detects daytime and night time conditions via the solar panel.
- User programmable illumination time for dusk-to-dawn setting (where conditions permit), 1 to 15 hour timed mode, or multi-timed mode.



Hardware & Pole

- Supplied as a complete street light with everything needed for a typical installation.
- Includes light pole, available from 20' (6M), 26' (8M), or 33' (10M).
- Supplied with galvanized anchor bolt kit for installation.
- Includes galvanized light arm and lockable battery box.
- All necessary hardware is included and cables are included.

Worldwide*
Shipping

Lowest Price*
Guarantee

5 Year*
Product Warranty

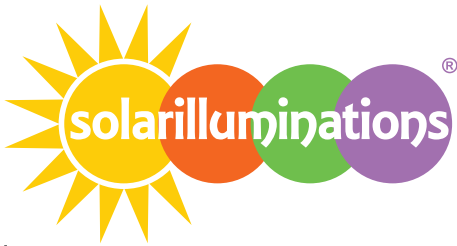
Lifetime*
Tech Support

20 Year*
Panel Warranty

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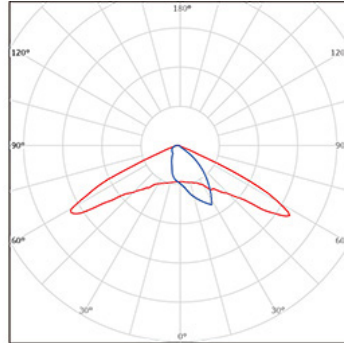
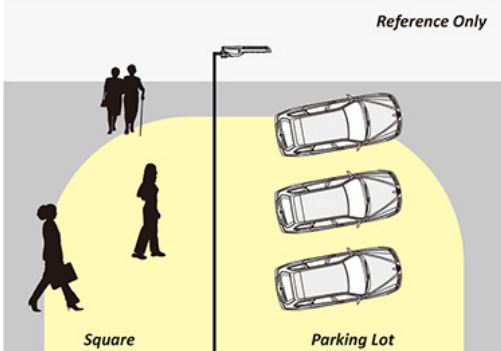
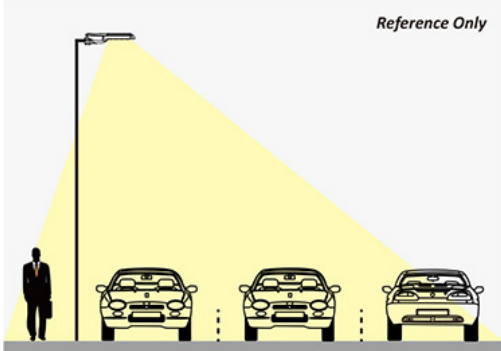
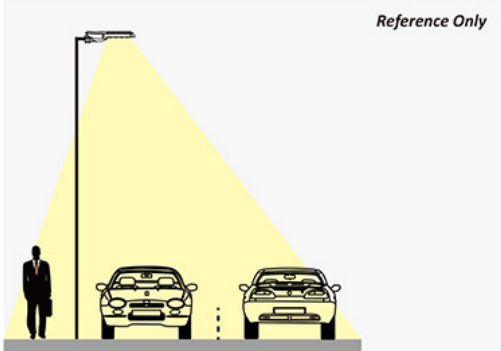
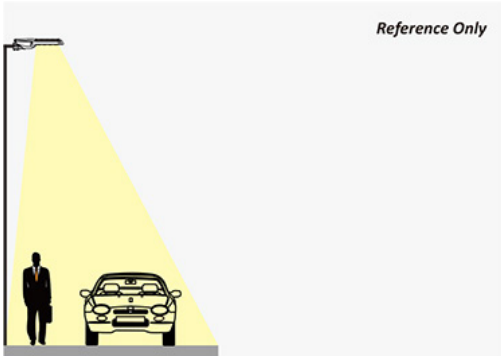
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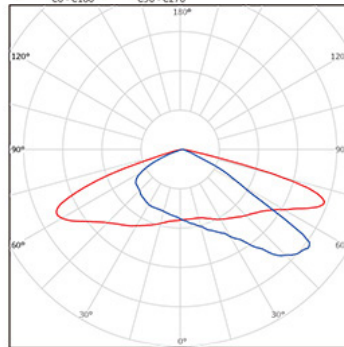
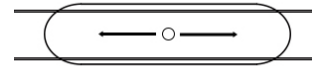
SL34 SOLAR LED STREET / PARKING LOT LIGHT

35W, 65W, 100W, 135W LED Lamp



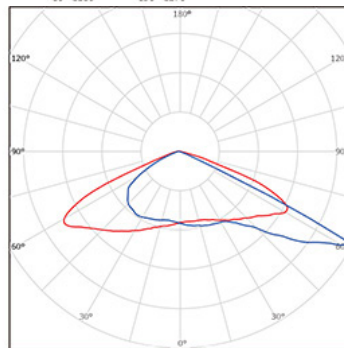
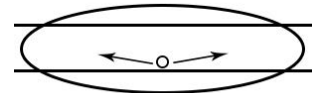
Type I

Applications:
Narrow Roadways
Pathways/sidewalks
Single-track / One-Lane Roads



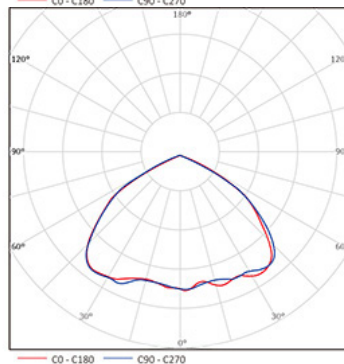
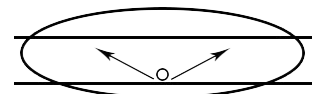
Type II

Applications:
Urban Roadways
Pathways/sidewalks
Two-lane Expressway



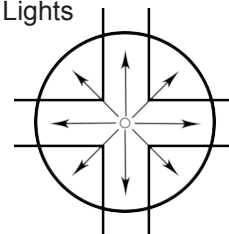
Type III

Applications:
Highway
Parking Lots
Multi-lane Expressway



Type V

Applications:
Parking Lots
Area Lights



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