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## LED STREET/ROADWAY LIGHTS

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Dear Distributors,

EconoLux is pleased to announce that we now have 60W, 90W and 120W street/roadway lights with discreet LEDs; and 100W, 150W and 200W street/roadway lights with Chip On Board (COB) LEDs.

The COB style lights also have lenses that increase 'light on the ground', and produce a longer than wider beam-spread so pole spacing can be increased to save on infrastructure costs. The COB type street/roadway lights also have lower costs per watt.

These IP-65 (waterproof), high output LED products, with average light output of 100 L/W for the discreet LED types, and average light output of 110 L/W for the COB types, can typically replace HPS and MH lamps of much higher wattages. This can provide your customers with energy savings and also cut re-lamping costs due to the lifespan of 50,000 hours. They are available in 5,000K (bright white) and 6,500K (daylight) colour temperatures.

We are confident that you will enjoy sales success with these new, LED street/roadway lights. With higher light output than average, and lower energy input, they will be an easy sell in your market.

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## ELRW-LED-60W - 60W LED STREET/ROADWAY LIGHTS



The EconoLux ELRW-LED-60W Street/Roadway lights are ideal for use to illuminate rural roads, city allies, suburban streets, and secondary highways, and for use on driveways, parking lots and at shopping plazas as they are waterproof (IP65).

They can be used to replace Mercury Vapour, Metal Halide and High Pressure Sodium (HID) lamps. They provide the same, or brighter, lighting levels while saving up to 40% on energy costs. Since the LED lamps last up to three times longer than HID lamps, they save money on re-lamping parts and labour costs, as well as on your power bills.

## ELRW-LED-60W - 60W LED Street/Roadway Lights

### Features:

- ▶ 60 pieces of discreet 1W high efficiency LEDs;
- ▶ 100 L/W output = 6,000 Lumens (VEL @ 5,000K = 11,760 VEL)
- ▶ Replaces up to 100W High Pressure Sodium or 85W Metal Halide fixtures;
- ▶ Energy saving ELRW-LED-60W Street/Roadway Light fixtures come with CE & RoHS approved, constant current power supply (driver), which extends LED lifespan;
- ▶ Installation: Pole mounting;
- ▶ Recommended maximum mounting height: 3.5 to 5 meters;
- ▶ Beam angle: 100 Degrees
- ▶ Durable die-cast aluminum, powder coated, housing, with integral heat-sink, maintains proper LED operating temperature;
- ▶ Available in Bright White (5,000K), or Daylight (6,500K) colour temperatures;
- ▶ Outdoor use with IP65 waterproof rating (damp/wet location fixtures);
- ▶ Very long lifespan of 50,000 hours (no filaments/electrodes to wear out);
- ▶ Universal 100~250VAC, 50/60 Hz power input - High Power factor of >0.95
- ▶ Stable operation and flicker free, with instant on and hot re-strike;
- ▶ 2 year limited warranty - Environmentally friendly green technology (no Mercury);
- ▶ Product Dimensions - 600mm X 270mm (23.6" X 10.6")

### Recommended Applications:

- ◆ Driveways; Narrow side streets or back alleys; Secondary roads; Rural roads, Courtyards, Pedestrian walkways, Over entrance ways, loading docks, or garage doors; Parking lots; Parks; Shopping plazas; or other locations where low mounting heights are required without high brightness; can be used in solar powered applications.



## ELRW-LED-90W - 90W LED STREET/ROADWAY LIGHTS



The EconoLux ELRW-LED-90W Street/Roadway lights are ideal for use to illuminate rural roads, city streets, and secondary highways, and for use on driveways, parks, in shopping plazas and parking lots as they are waterproof (IP65).

They can be used to replace Mercury Vapour, Metal Halide and High Pressure Sodium (HID) lamps. They provide the same, or brighter, lighting levels, while saving up to 48% on energy costs. Since the LED lamps last up to three times longer than HID lamps, they save money on re-lamping parts and labour costs, as well as on power bills.

### ELRW-LED-90W - 90W LED Street/Roadway Lights

#### Features:

- ▶ 90 pieces of discreet 1W high efficiency LEDs;
- ▶ 100 L/W output = 9,000 Lumens (VEL @ 5,000K = 17,640 VEL)
- ▶ Replaces up to 175W High Pressure Sodium or 150W Metal Halide fixtures;
- ▶ Energy saving ELRW-LED-90W Street/Roadway Light fixtures comes with CE & RoHS approved, constant current power supply (driver), which extends LED lifespan;
- ▶ Installation: Pole mounting;
- ▶ Recommended mounting height: 4 to 6 meters;
- ▶ Beam angle: 100 Degrees
- ▶ Durable die-cast aluminum, powder coated, housing, with integral heat-sink, maintains proper LED operating temperature;
- ▶ Available in Bright White (5,000K), or Daylight (6,500K) colour temperatures;
- ▶ Outdoor use with IP65 waterproof rating (damp/wet location fixtures);
- ▶ Very long lifespan of 50,000 hours (no filaments/electrodes to wear out);
- ▶ Universal 100~250VAC, 50/60 Hz power input - High Power factor of >0.95
- ▶ Stable operation and flicker free, with instant on and hot re-strike;
- ▶ 2 year limited warranty - Environmentally friendly green technology (no Mercury);
- ▶ Product Dimensions - 900mm X 300mm (35.4" X 11.8").

#### Recommended Applications:

- ◆ Driveways; Narrow side streets or back alleys; Secondary roads; Rural roads, Suburban roads; Courtyards, Pedestrian walkways, Over entrance ways, loading docks, or garage doors; Parking lots; Parks; Shopping plazas; or other locations where low to medium mounting heights are required with medium brightness; can be used in solar powered applications.



## ELRW-LED-120W - 120W LED STREET/ROADWAY LIGHTS



The EconoLux ELRW-LED-120W Street/Roadway lights are ideal for use to illuminate, city streets, suburban streets, highways, and for use on driveways, and at shopping plazas and parking lots as they are waterproof (IP65).

They can be used to replace Mercury Vapour, Metal Halide and High Pressure Sodium (HID) lamps. They provide the same, or brighter, lighting levels, while saving up to 52% on energy costs. Since the LED lamps last up to three times longer than HID lamps, they save money on re-lamping parts and labour costs, as well as on power bills.

## ELRW-LED-120W - 120W LED Street/Roadway Lights

### Features:

- ▶ 120 pieces of discreet 1W high efficiency LEDs;
- ▶ 100 L/W output = 12,000 Lumens (VEL @ 5,000K = 23,520 VEL)
- ▶ Replaces up to 250W High Pressure Sodium or 200W Metal Halide fixtures;
- ▶ Energy saving ELRW-LED-120W Street/Roadway Light fixtures come with CE & RoHS approved, constant current power supply (driver), which extends LED lifespan;
- ▶ Installation: Pole mounting;
- ▶ Recommended mounting height: 4 to 6 meters;
- ▶ Beam angle: 100 Degrees
- ▶ Durable die-cast aluminum, powder coated, housing, with integral heat-sink, maintains proper LED operating temperature;
- ▶ Available in Bright White (5,000K), or Daylight (6,500K) colour temperatures;
- ▶ Outdoor use with IP65 waterproof rating (damp/wet location fixtures);
- ▶ Very long lifespan of 50,000 hours (no filaments/electrodes to wear out);
- ▶ Universal 100~250VAC, 50/60 Hz power input - High Power factor of >0.95
- ▶ Stable operation and flicker free, with instant on and hot re-strike;
- ▶ 2 year limited warranty - Environmentally friendly green technology (no Mercury);
- ▶ Product Dimensions - 900mm X 350mm (35.4" X 13.8").

### Recommended Applications:

- ◆ Side streets; Secondary roads; Suburban roads; City streets; Secondary highways; Courtyards; Pedestrian walkways; Over entrance ways, loading docks, or garage doors; Parking lots; Parks; Shopping plazas; Sports facilities; or other locations where medium mounting heights are required with medium to high brightness.



## ELRW-LED-100W - 100W LED STREET/ROADWAY LIGHTS



The EconoLux ELRW-LED-100W Street/Roadway are ideal for use to illuminate, city streets, and highways, and for use on driveways, parking lots and at shopping plazas, as they are waterproof (IP65).

They can be used to replace Mercury Vapour, Metal Halide and High Pressure Sodium (HID) lamps. They provide the same, or brighter, lighting levels, while saving up to 60% on energy costs. Since the LED lamps last up to three times longer than HID lamps, they can also save money on re-lamping parts and labour costs, as well as on power costs.

## ELRW-LED-100W - 100W LED Street/Roadway Lights

### Features:

- ▶ 2 pieces of High Efficiency 50W COBs (Chip On Board) LEDs, with lenses to increase light intensity on the roadway - rectangular beam-spread allows for wider pole spacing, saving on infrastructure;
- ▶ 110 L/W output = 11,000 Lumens (VEL @ 5,000K = 21,560 VEL)
- ▶ Replaces up to 250W High Pressure Sodium or 200W Metal Halide fixtures;
- ▶ Energy saving ELRW-LED-100W Street/Roadway Light fixtures comes with CE & RoHS approved, constant current power supply (driver), which extends LED lifespan;
- ▶ Installation: Pole mounting, with adjustable vertical angle;
- ▶ Recommended mounting height: 3 to 6 meters;
- ▶ Beam angle: 120 X 90 Degrees
- ▶ Durable die-cast aluminum, powder coated, housing, with integral heat-sink, maintains proper LED operating temperature;
- ▶ Available in Bright White (5,000K), or Daylight (6,500K) colour temperatures;
- ▶ Outdoor use with IP65 waterproof rating (damp/wet location fixtures);
- ▶ Very long lifespan of 50,000 hours (no filaments/electrodes to wear out);
- ▶ Universal 100~250VAC, 50/60 Hz power input - High Power factor of >0.95
- ▶ Stable operation and flicker free, with instant on and hot re-strike;
- ▶ 2 year limited warranty - Environmentally friendly green technology (no Mercury);
- ▶ Product Dimensions - 630mm X 305mm X 90mm (24.8" X 12.0" X 3.5").

### Recommended Applications:

- ◆ Secondary roads; Suburban streets; City streets; Secondary highways; Bridges; Pedestrian walkways; Parks; Over entrance ways, loading docks, or garage doors; Parking lots; Boat slips or Marinas; Shopping plazas; Billboards; or other locations where low to medium mounting heights are required with medium brightness.



## ELRW-LED-150W - 150W LED STREET/ROADWAY LIGHTS



The EconoLux ELRW-LED-150W Street/Roadway lights are ideal for use to illuminate, city streets, and highways, and for use on driveways, parking lots and at shopping plazas and parking lots, as they are waterproof (IP65).

They can be used to replace Mercury Vapour, Metal Halide and High Pressure Sodium (HID) lamps. They provide the same, or brighter, lighting levels, while saving up to 57% on energy costs. Since the LED lamps last up to three times longer than HID lamps, they can save money on re-lamping parts and labour costs, as well as on power costs.

## ELRW-LED-150W - 150W LED Street/Roadway Lights™

### Features:

- ▶ 3 pieces of High Efficiency 50W COBs (Chip On Board) LEDs, with lenses to increase light intensity on the roadway - rectangular beam-spread allows for wider pole spacing, saving on infrastructure;
- ▶ 110 L/W output = 16,500 Lumens (VEL @ 5,000K = 32,340 VEL)
- ▶ Replaces up to 350W High Pressure Sodium or 275W Metal Halide fixtures;
- ▶ Energy saving ELRW-LED-150W Street/Roadway Light fixtures comes with CE & RoHS approved, constant current power supply (driver), which extends LED lifespan;
- ▶ Installation: Pole mounting, with adjustable vertical angle;
- ▶ Recommended mounting height: 3.5 to 6 meters;
- ▶ Beam angle: 120 X 90 Degrees
- ▶ Durable die-cast aluminum, powder coated, housing, with integral heat-sink, maintains proper LED operating temperature;
- ▶ Available in Bright White (5,000K), or Daylight (6,500K) colour temperatures;
- ▶ Outdoor use with IP65 waterproof rating (damp/wet location fixtures);
- ▶ Very long lifespan of 50,000 hours (no filaments/electrodes to wear out);
- ▶ Universal 100~250VAC, 50/60 Hz power input - High Power factor of >0.95
- ▶ Stable operation and flicker free, with instant on and hot re-strike;
- ▶ 2 year limited warranty - Environmentally friendly green technology (no Mercury);
- ▶ Product Dimensions - 830mm X 305mm X 90mm (32.6" X 12.0" X 3.5").

### Recommended Applications:

- ◆ Suburban streets; City streets; Highways; Bridges; Pedestrian walkways; Over entrance ways, loading docks, or garage doors; Parking lots; Parks; Small sports facilities; Boat slips/marinas; Shopping plazas; or other locations where medium mounting heights are required with medium to high brightness.



## ELRW-LED-200W - 200W LED STREET/ROADWAY LIGHTS



The EconoLux ELRW-LED-200W Street/Roadway lights are ideal for use to illuminate, city streets, and highways, and for use on driveways, parking lots, at shopping plazas, and in parking lots, as they are waterproof (IP65).

They can be used to replace Mercury Vapour, Metal Halide and High Pressure Sodium (HID) lamps. They provide the same, or brighter, lighting levels, while saving up to 60% on energy costs. Since the LED lamps last up to three times longer than HID lamps, they save money on re-lamping parts and labour costs, as well as on power/energy costs.

## ELRW-LED-200W - 200W LED Street/Roadway Lights

### Features:

- ▶ 4 pieces of High Efficiency 50W COBs (Chip On Board) LEDs, with lenses to increase light intensity on the roadway - rectangular beam-spread allows for wider pole spacing, saving on infrastructure;
- ▶ 110 L/W output = 22,000 Lumens (VEL @ 5,000K = 43,120 VEL)
- ▶ Replaces up to 500W High Pressure Sodium or 400W Metal Halide fixtures;
- ▶ Energy saving ELRW-LED-200W Street/Roadway Light fixtures comes with CE & RoHS approved, constant current power supply (driver), which extends LED lifespan;
- ▶ Installation: Pole mounting, with adjustable vertical angle;
- ▶ Recommended mounting height: 5 to 8 meters;
- ▶ Beam angle: 120 X 90 Degrees
- ▶ Durable die-cast aluminum, powder coated, housing, with integral heat-sink, maintains proper LED operating temperature;
- ▶ Available in Bright White (5,000K), or Daylight (6,500K) colour temperatures;
- ▶ Outdoor use with IP65 waterproof rating (damp/wet location fixtures);
- ▶ Very long lifespan of 50,000 hours (no filaments/electrodes to wear out);
- ▶ Universal 100~250VAC, 50/60 Hz power input - High Power factor of >0.95
- ▶ Stable operation and flicker free, with instant on and hot re-strike;
- ▶ 2 year limited warranty - Environmentally friendly green technology (no Mercury);
- ▶ Product Dimensions - 970mm X 305mm X 90mm (38.1" X 12.0" X 3.5").

### Recommended Applications:

- ◆ Suburban streets; City streets; Highways and freeways; Bridges; Overpasses; Tunnels; Pedestrian walkways, Parking lots; Parks; Sports facilities (tennis courts, football pitches, stadiums, outdoor swimming pools); Marinas; Shopping plazas; or other locations where medium or high mounting heights are required with high brightness.

