



6 Eco-Light 650R Recessed fixture shown above.

## Solectric™ Eco-Light 650

Enjoy the light output of a typical 60 watt incandescent light fixture, while using only 7 watts of DC power from this easy to install, general use, LED ceiling light fixtures. Our design approach integrates the LED board directly into the fixture helping to reduce heat and increase the longevity of the light. The Eco-Light has an estimated life expectancy of 80,000 hours which is equivalent to operating the light for 10 hours a day for over 20 years. They run on 12V and 24V DC which makes them ideal for solar applications. Choose between the easy to install surface mount lights or the contemporary look of the recessed lights. It comes in two light colors, either daylight white (6000K) or warm white (3000K).

The Solectric™ Eco-Light 650 come in convenient kits or can be purchased individually. They are perfect for your home (with AC adapter), off-grid applications, remote buildings, boats and RVs.



Surface mount fixture



Recessed fixture

### Solectric™ Eco-Light 650

Part Numbers: RC33001

#### Technical Specifications:

- Light Sources: 36 high brightness SMD LED modules
- Input Voltage: 12/24 Volt DC
- Power Consumption: 7 Watts
- Lumens: 650lm
- Color Temperature: daylight white (5500-6000K)
- Beam Angle: 120°
- Life Expectancy: 80,000 hours
- Type: surface mount fixture
- Dimension: 10.5"D × 1.8"H
- Material: aluminum with powder coat finish, acrylic diffuser.
- Warranty: 10 Years

Accessories: AC adapter, battery kit, solar kit, optional diffusers.



Solectric™ LED Lights utilizes proprietary Smart DC™ power technology. This allows Solectric™ LED Lights to use any DC power source from 12V to 24V, including solar power (direct drive), battery and AC adapters.

**eco-boost**  
Hybrid Solar-AC Technology



## Solectric™ LED Lighting Systems

by RenCon Energy Products, Inc.

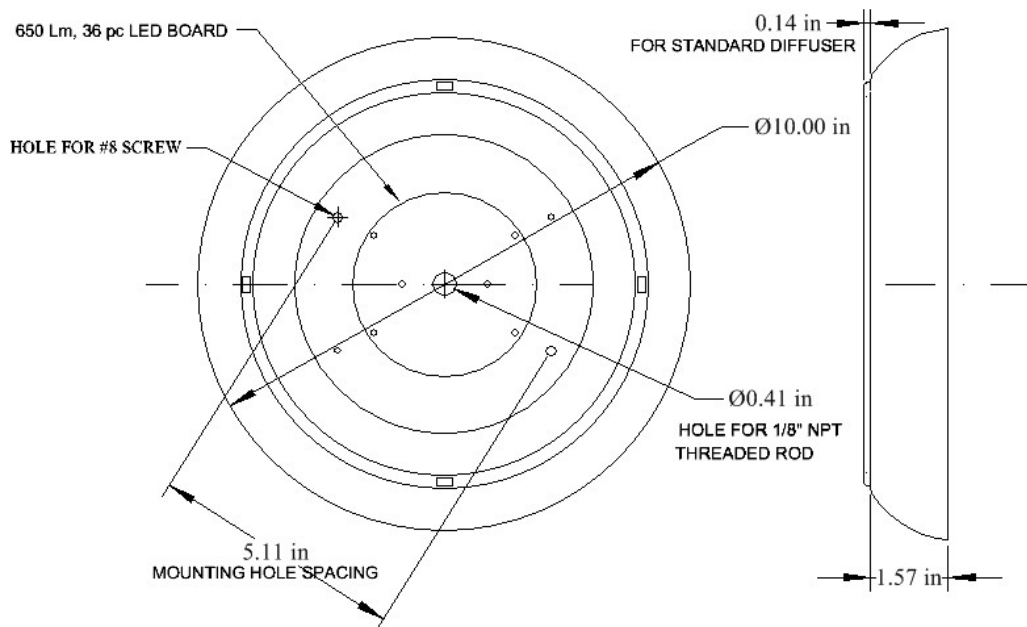
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## Solectric™ Eco-Light 650 (RC33001)

High Efficiency LED Light - 650 Lumens, 7 Watts



### Specifications:

**LED Board:** 36 high brightness SMD LED modules with efficiencies up to 100 Lm/Watt. Aluminum clad PC board material for superior thermal management. Available in daylight white (6000K) or warm white (3000K).

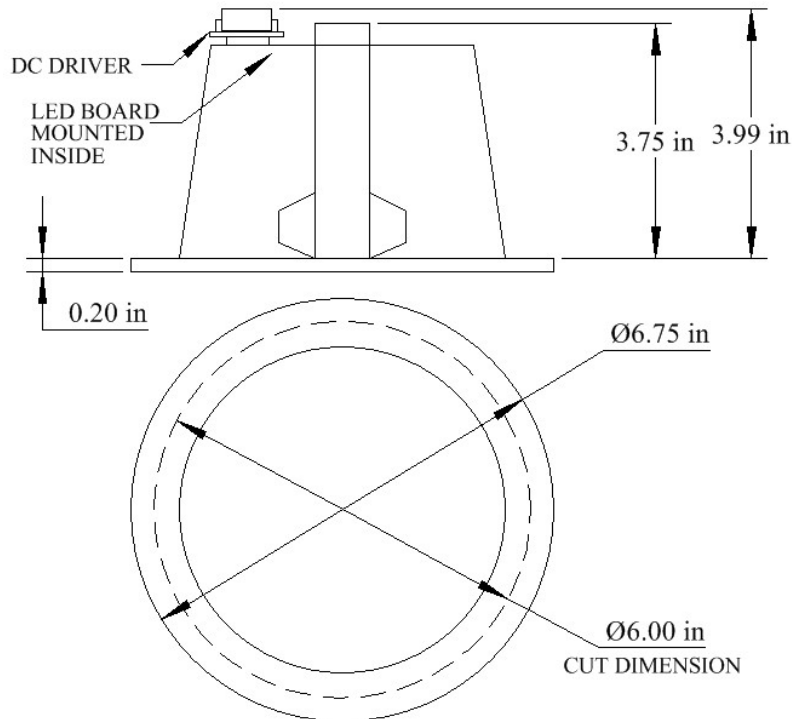
**Electronics:** High efficiency, constant current output LED driver board. Accepts wide range on input voltages from 11.5 V to 24 V for full brightness, 11 V to 8 V for dimming. Can be powered by solar panel, battery or 12V AC adapter. Can also be powered by combined solar panel and 12 V AC adapter (Solar Boost) to maintain full brightness throughout the day while utilizing all available solar power.

**Housing:** Thick gauge aluminum stamping serves as high performance heat sink to maximize life of LED's. White powder coat for maximum durability. Hole for a 1/8" NPT threaded rod. Made in the USA.

**Diffuser:** Acrylic with diamond pattern. Optional diffusers available.

## Solectric™ Eco-Light 650R (RC33006)

Recessed—High Efficiency LED Light - 650 Lumens, 7 Watts



### Specifications:

**LED Board:** 36 high brightness SMD LED modules with efficiencies up to 100 Lm/Watt. Aluminum clad PC board material for superior thermal management. Available in daylight white (6000K) or warm white (3000K).

**Electronics:** High efficiency, constant current output LED driver board. Accepts wide range on input voltages from 11.5 V to 24 V for full brightness, 11 V to 8 V for dimming. Can be powered by solar panel, battery or 12V AC adapter. Can also be powered by combined solar panel and 12 V AC adapter (Solar Boost) to maintain full brightness throughout the day while utilizing all available solar power.

**Housing:** Thick gauge aluminum stamping serves as high performance heat sink to maximize life of LED's. White powder coat for maximum durability. Hole for a 1/8" NPT threaded rod. Made in the USA.

**Diffuser:** Acrylic with diamond pattern. Optional diffusers available.