

CAST LED Tree Light (CTLED141)

The CAST LED Tree Light – The Industry's Most Durable Line of Outdoor LED's
"3 Beam Spreads & 2 Light Levels in a Single Fixture"

Description:

This LED fixture combines the rugged solid bronze and copper construction of the CAST Tree Light with the industry's most advanced LED module.

Features:

- ▶ Replaceable module thermally bonded to solid bronze body for optimal heat dissipation.
- ▶ Replaceable optics for 41° (included), 21°, and 12°.
- ▶ LEDSense™ technology controls forward current to compensate for conditions of extreme ambient heat.
- ▶ Accepts input voltages between 9.6v and 28.8v AC for maximum system design flexibility.
- ▶ Automatic recognition and compensation for varied magnetic and electronic transformer types.
- ▶ Dimmable with standard low-voltage phase dimmers
- ▶ Warm white color temperature (2,700K) and high color rendering index (85 CRI) that closely matches incandescent lighting.
- ▶ L70 of 60,500 hours.
- ▶ UL/CSA/RoHS recognized, FCC Class A Conducted and Radiated Emissions compliant.

Uses:

Provides a highly energy efficient LED light source that projects an evenly distributed beam with warm color temperature. Brightness and beam distribution are comparable to incandescent models of 20w and 35w. Fully rotatable extra-long shroud enables excellent glare control.



High/Low switch changes light level from 290 to 391 lumens.

Module secured to fixture body for optimal heat management.

LEDSense™ technology ensures temperature control.

Optics easily exchanged to allow 41°, 21°, and 12° beam spreads.

Dimensions & Weight:

Body and Shroud: 2.5" x 9" fully extended; Weight: 5 lb.

LED Lamp Specifications:

- ▶ LED Light Source: 3 warm white LED's.
- ▶ Color: 2,700K; 85 CRI (typical)
- ▶ Input Voltage: 9.6v to 28.8v AC or 12v to 28.8v DC
- ▶ Input Power: Low setting (AC): 6.2 - 7.0 Watts; 0.92 - 0.78 pf
- ▶ Input Power: Low setting (DC): 4.9 - 5.0 Watts; 1.0 pf
- ▶ Input Power: High setting (AC): 9.3 - 9.7 Watts; 0.92 - 0.81 pf
- ▶ Input Power: High setting (DC): 7.1 Wats; 1.0 pf
- ▶ LED Light output (High/Low): 391/290 lm
- ▶ Operating Temperature Range: -40° C to 55° C

- ▶ Life (L70): 60,500 hrs.
- ▶ Reverse Polarity Protection: Yes, polarity independent
- ▶ Component Details: No electrolytic capacitors in drive circuit, all components rated for high ambient temperatures
- ▶ Emission Standards: FCC Class A Conducted and Radiated
- ▶ UL recognized; RoHS compliant

Construction:

Body and Canopy Mount: Sand-cast solid bronze

Shroud: Thick-walled copper

Plug: High-temperature MR-16 plug with protective conductive grease

Warranty:

Lifetime on fixture components; 5-years on LED components.