



Impressionist® LED Tree Light (CIT164 - LED Chip) Product Information

The Impressionist Series® LED Tree Light



Description:

20 light levels, 5 beam spreads, plus 2 color temperatures mean 200 combinations in 1 fixture! That's right, one Impressionist tree light replaces dozens of retrofit lamps or integrated fixtures from other manufacturers. Less time planning, purchasing, and making adjustments in the field - all significant savings in time and labor.

This durable and advanced CAST LED Tree Light (CIT164) is a compact powerhouse that delivers illumination of exceptional quality. Designed for the landscape lighting professional, light level control at the fixture and quick-change optics enables the lighting designer to fine-tune illumination in the field.

Fixture includes solid bronze Tree Mounting Canopy and stainless steel hardware for attaching to tree (with offset to prevent damage to the tree).

Features:

Light Level Control

Light level is controlled by a dimming circuit built into the fixture. The circuit is accessed through a plug attached to the fixture wire. By using the Dimming Control Module (CDIMMER) or the Manual Dimming Control Jumper Cable (CIJ - provided with fixture), the user plugs the control device into the control plug. The control device changes light level up or down in 5% increments. When the control device is removed, the light level remains fixed - even when power is off. A 35 foot lead wire allows you to dim at the base of tree. You can also Dim groups of Impressionist fixtures all at once, by gang dimming together.

Beam Angle Control

To change beam angle, the designer loosens the thumb screw at the base of the shroud, and slides the shroud off the internal module. Once removed, the optical element is exposed and is simply lifted off its support pins. The new module is inserted in its place

Construction:

Heavy-duty copper shroud and reversible glare shield; solid bronze base, knuckle and bracket; flat optically-pure lens; stainless steel set screws; 35' tin-coated #16-2 No-Ox® marine-grade power wire; 35' control wire with capped connector, silicone rubber O-rings. Includes mounting hardware (CTREEH1)

Dimensions:

Shroud, base and bracket (fully extended): 14" long x 2.25" wide.

Available Optics:

CIT164	
CID013	13° Narrow
CID024	24° Medium
CID040	40° Wide
CID064	64° X-Wide
CID015X39	15° x 39° Rectangular

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Uses:

Suitable for mounting in trees or on structures to provide natural downlighting or moonlighting effect.

Listing:

cUL 1838 and 8750 Listed Low Voltage LED Luminaire for wet locations. FCC Compliant. RoHs.

Other Systems Components & Accessories:

- ▶ CAST magnetic torodial core transformers
- ▶ Astronomical Digital & Mechanical Timers
- ▶ Photo Cells
- ▶ Seamless non-insulated crimp connections & heat shrink for wire connections
- ▶ Gang Dimming Switch Box Assembly (CIGDS)
- ▶ Dimming Control Module (CDIMMER)
- ▶ Impressionist Glare Shield (CIDS1)
- ▶ Impressionist Wire Splice Kit (CLWSI)
- ▶ Dichoric Color Filters

Specifications:

- ▶ Choice of easy-to-replace optics
- ▶ LED driver is fully encapsulated and thermally bonded to body, features thermal foldback to protect from extreme ambient temperatures
- ▶ Halogen Equivalent Watts: 10-75

Fixture	LED Light Source	L70 Hours	Color Temp.	CRI	Optics	Input Voltage AC/DC	Power	Lumen Output	Center Beam Candela
CIT164	(1) Cree LED	60,000 Hrs.	2700°K +/-	83	64° incl. Available: 13°, 24°, 40°, 15° x 39°	10-24V	8.33 watts, .76 amps, .92 pf, 9.06 VA	451 lm	474