

YOUR EXPRESSION IS OUR PASSION®
The CAST Impressionist Series®



LIGHTING

Old world craftsmanship. . . today's technology®

Design As You Never Could Before
Advanced Integrated LED's with
Exceptional Flexibility and Performance
Buy One and You're Done!™

You Need Design FLEXIBILITY

IMPRESSIONIST DESIGNED TO ADJUST

- ▶ LIGHT LEVEL
- ▶ BEAM SPREAD
- ▶ GLARE CONTROL
- ▶ COLOR OPTIONS
- ▶ MOUNTING OPTIONS

Save Time & Labor:

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

"Buy one, and you're done."™



Impressionist®
Dimmer Control
(CDIMMER)

LIGHT LEVEL

- ▶ 20-Step Dimming
- ▶ 100% to 5%
- ▶ Dim at Fixture or Remotely
- ▶ Manual & Automatic Dimmer Controls
- ▶ LED Indicators for Light Level

BEAM SPREAD

- ▶ Change Optics in Seconds - w/o Tools
 - ◆ 13°
 - ◆ 24°
 - ◆ 40° (standard)
 - ◆ 64°
 - ◆ 15° x 39°
 - ◆ Optics Removed for Hard-Edged Brighter 90° Beam

GLARE CONTROL

- ▶ Optional Glare Shield
- ▶ Adjust Shield Height and Direction
- ▶ Reverse Shield for Angled or Straight Cut

COLOR OPTIONS

- ▶ Color Options
 - ◆ 2,800° K (standard)
 - ◆ 3,000°K, 3,200°K
 - ◆ Rich Red
 - ◆ Amber Straw
 - ◆ Pumpkin Orange
 - ◆ Green Blue
 - ◆ Sky Blue
 - ◆ Lavender

MOUNTING OPTIONS

- ▶ Wide Range of Mounting Options
- ▶ Talon Stakes® for Solid Immovable Base - Can also be Used without Pins as Canopy-Mount
- ▶ Stopless Knuckles & Threadless Stakes for Free Movement in any Direction.

BUY ONE AND YOU'RE DONE™

You Need Lasting PERFORMANCE



PHYSICAL ABUSE
CORROSION
EXCESS HEAT
SPIKES & SURGES
FUTURE CHANGES

DESIGNED TO SURVIVE

IMPRESSIONIST

“Stake your reputation on solid engineering.”

PHYSICAL ABUSE CORROSION PROTECTION EXCESS HEAT SPIKES & SURGES FUTURE CHANGES

- ▶ Solid Sand-Cast Bronze bodies
- ▶ Thick-Walled Copper Stems & Shrouds
- ▶ Bronze, Copper, Stainless Steel, & Eurometal Mounting Options - all Unbreakable

- ▶ Tin-Coated Marine Grade Wire
- ▶ Stainless Steel Power Supplies
- ▶ All LED Components Protected from Moisture & Dust

- ▶ LED Arrays & Drivers Fully Integrated into Luminaire Body - Ensures Heat Transfer Away from Sensitive Components
- ▶ Thermal Foldback - Reduces Heat During Extreme Conditions

- ▶ Protected from Surges up to 40V
- ▶ Protected from High Transient Spikes
- ▶ No EMI - Will not Interfere with Wireless Devices
- ▶ Wide Input - 10 to 24 Volts AC/DC

- ▶ Adapt Lighting Design as Seasons and Landscapes Change
- ▶ Modular Construction for Replacing or Upgrading Components

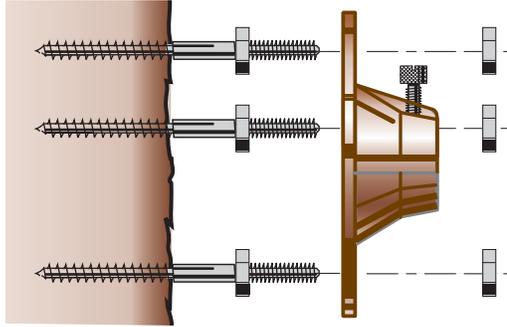
SET YOUR COMPANY APART

Patents Pending.

Impressionist Tree Light Mounting Hardware

For Impressionist Tree Light (CIT164):

Tree Mounting Bracket and Hardware (CTREEH1 - included) to ensure installation does not damage tree:



Impressionist Wall Wash Light Mounting Options

For Impressionist Wall Wash (CIWL6):

Base Unit used as-is (bracket-mounted) or combined with the following (sold separately):

- CWL7KIT**
Canopy-mount with 1.5" Stem
- CWL8KIT**
Stake-mount with 4.5" stem
- CWL9KIT**
Large Talon Stake-mount with 18" stem
- CWL9EXKIT**
Large Talon Stake-mount with extendable stem (21" to 36")



Photometric & Electrical Data (LM79)

Name (Model #)	Optics Options (*Included)	Light Source	Color Temp (CCT) (°K)	Color Rendering Index (CRI)	Lumen Maintenance (L70) (Hrs)	Input Voltage (V)	Input Current (A)	Input Power (W)	Power Factor (pf)	Apparent Power (VA)	Luminaire Lumens (Lm)	Maximum Candela (CBCP)
Impressionist Directional Light (CID140)	13°, 24°, *40°, 64°, 15° x 39°	(1) Cree XML	2,700°K	84	42,300	10-24 AC/DC (Polarity Independent)	0.45	5.0	0.72	6.9	245	450
Impressionist Directional Area Light (CIDA140)												
Impressionist Tree Light (CIT164)	13°, 24°, 40°, *64°, 15° x 39°	(2) Cree XML					0.75	8.5	0.88	9.7	231	222
Impressionist Wall Wash Light (CIWL6)	~120°										352	155

Operational Features

Ambient Temperature Range (Operating): -40°C to +55°C

Thermal Management: Passive thermal transfer through integrated components in physical contact with luminaire body and shroud; active thermal foldback circuitry (for extreme ambient conditions) that reduces current to circuit if junction temperature rises above 85°C.

Component Selection: No electrolytic capacitors; all components rated for high temperatures and long life

Surge & Spike Protection: Transient Voltage Suppressor for high spikes, prolonged protection for voltages over 40V

Moisture Protection: Conformally coated LED board; fully encapsulated driver in thermally conductive epoxy

Electromagnetic Interference Prevention: Configurations and components to maintain EMI below FCC thresholds

Dimming (Light Level Control): Dimmer circuit built into driver - controlled via handheld or switched remote. Two-pin control connector allows control at the luminaire or to be grouped with other luminaires, and extended and controlled anywhere on the property.

Dimensions & Construction

Impressionist Directional Light (CID140)	Shroud, base, and stake (fully extended): 10" long x 2.25" wide. Copper shroud and glare shield (optional); solid sand-cast bronze base, knuckle, and Small Talon Stake® body; Talon Stake spikes: stainless steel.
Impressionist Directional Area Light (CIDA140)	Shroud, base, stem and stake (fully extended): 20.5" long x 2.25" wide. Copper shroud, glare shield (optional), and stem; solid sand-cast bronze base, and knuckle; Large Talon Stake®: PTFE-Coated Eurometal base with stainless steel spikes.
Impressionist Tree Light (CIT164)	Shroud, glare shield, base, and bracket (fully extended): 14" long x 2.25" wide. Copper shroud and glare shield; solid sand-cast bronze base, knuckle, and bracket body; Stainless Steel mounting hardware.
Impressionist Wall Wash Light (CIWL6)	Body and bracket: 6" long x 3" wide x 5" tall. Solid sand-cast bronze body; copper bracket; Stainless Steel mounting hardware.

Fixture Lead Wires (All): No-Ox® Tin-Coated Marine-Grade #18/4 lead wire (2 leads for power, 2 leads terminate in Light Level Control Plug). Lead length is 5 ft. for all Impressionist Series except Tree Light (30-ft. Lead Wire with Control Plug at end).

Listings & Certifications

All Impressionist Lights: Conform to: UL Std's. 1838 & 8750; CE; Certified to CAN/CSA Stds C22.2 No. 250.0 & C22.2 No. 250.13. Suitable for wet locations. FCC Class B Conducted and Radiated. RoHS