



## Impressionist® LED Directional Area Light (CIDA140 - New LED Chip) Product Information

### CAST Impressionist Series® LED Directional Area Light



#### Description:

20 light levels, 5 beam spreads, plus 2 color temperatures mean 200 combinations in 1 fixture! That's right, one Impressionist directional 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. The durable and advanced CAST LED Directional Area Light (CIDA140) 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

#### 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. 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 included; solid bronze base, knuckle and Large Talon Stake with stainless steel spikes; flat optically-pure lens; stainless steel set screws; 5' tin-coated #18-4 No-Ox® marine-grade power wire; control wire with capped connector, silicone rubber O-rings.

#### Dimensions:

Shroud, base and bracket (fully extended): 20.5" long x 10.25" wide.

#### Available Optics:

CIDA140	
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 along walkways, driveways, or garden beds.

**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 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
CIDA140	(1) Cree LED	60,000 Hrs.	2700°K +/-	83	40° incl. Available: 13°, 24°, 64°, 15° x 39°	10-24V	8.33 watts, .76 amps, .92 pf, 9.06 VA	504 lm	716