

## SERIES I (CPLI)

The CAST Perimeter® CPL1 Lights are an advanced design in safe low-voltage LED lighting. The CPL1 delivers quality light on your perimeter, and will increase the effectiveness of your CCTV systems. The lights attach directly to your fence and are available in 4 light intensity settings with a wall pack option.

### PRODUCT SPECIFICATIONS

#### AMBIENT TEMPERATURE RANGE (OPERATING)

-40°C to +55°C

#### VOLTAGE INPUT

##### FIXTURES

12 to 26 volts AC/DC

##### TRANSFORMERS

120V / 208V / 230V / 277V and European 220V / 240V models available.

For more information please call.

#### THERMAL MANAGEMENT

Passive thermal transfer through integrated components in physical contact with thermal pads and luminaire components.

#### COMPONENT SELECTION

No electrolytic capacitors in drive circuit; components rated for high-temperature long life.

#### SURGE & SPIKE PROTECTION

Voltage suppression for transient spikes and surges for voltages over 40V.

#### MOISTURE PROTECTION

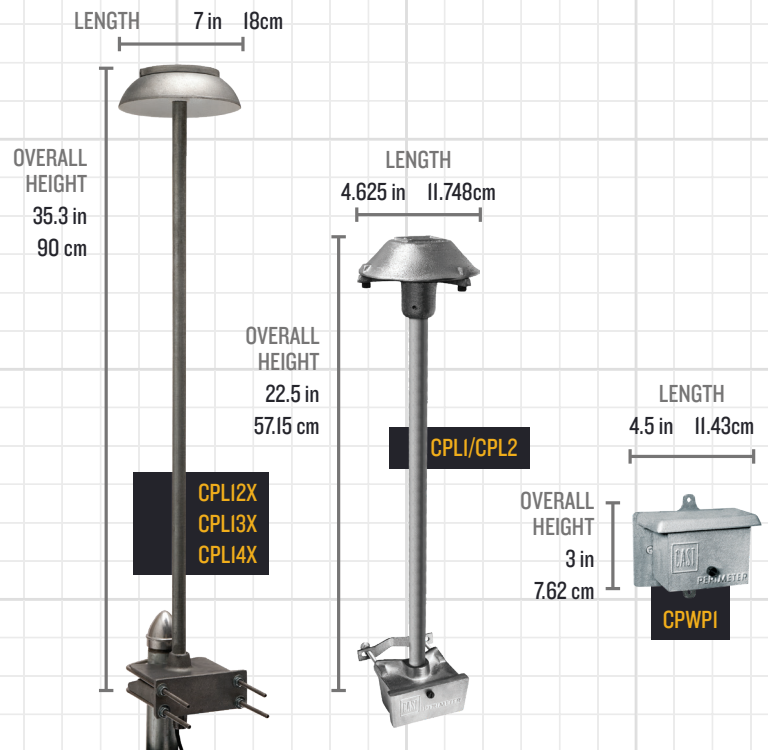
Encapsulated driver in thermally conductive epoxy, borosilicate dome to protect LEDs.

#### ELECTROMAGNETIC INTERFERENCE PREVENTION

Compliance with FCC Class B Conducted & Radiated.

#### RECOMMENDED SPACING

20 Feet.



### MOUNTING, CONTROL, & SECURITY OPTIONS

#### CPLI SERIES MOUNTING

**CPL1:** Fence light attaches to top of round fence posts up to 3" diameter; Offset Bracket (CPLOSB) available for situations where CPL1 must be mounted below fence top or for other offset needs. **Custom brackets available for square, I Beam, and other fence posts.**

**CPL12X, CPL13X, CPL14X:** Fence light attaches to top of fence posts up to 4" diameter; Offset Bracket (CPLOSB2) available for situations where CPL1XX must be mounted below fence top or for other offset needs.

**CPWP1:** Mounting tabs at top and bottom used for Flush mounting on wall or other surface; mounting holes in back plate align with standard mounting tabs on single gang junction box.

#### TRANSFORMER

24, 26 Volt 300, 600VA, 24V, 26V, 28V, 30V 1200VA 50/60 HZ single phase. Available in 120V / 208V / 230V / 277V and European 220V / 240V models available.

#### THIRD PARTY INTEGRATION

Specify dry contact/power signal control circuit.

# SERIES I (CPLI)

## DIMENSIONS & CONSTRUCTION FOR CPLI

<b>LED PERIMETER FENCE LIGHT</b> CPLI	22.5" (57.15cm) tall x 4.625" (11.748cm) wide. Eurometal hat, vase, and base; galvanized steel stem; aluminum saddle bracket; zinc-plated bolts; borosilicate glass LED enclosure.
<b>LED PERIMETER FENCE LIGHT</b> HIGH-POWER • CPLI2X, CPLI3X, CPLI4X	35.3" (90cm) tall x 7" (18cm) wide. Eurometal hat, vase, and base; galvanized steel stem; stainless steel saddle bracket; stainless steel bolts; borosilicate glass LED enclosure.
<b>LED PERIMETER WALL PACK LIGHT</b> CPWPI	3" (7.62cm) tall x 4.5" (11.43cm) wide. Eurometal body, borosilicate glass LED enclosure; mounts to standard one gang junction box.

## PHOTOMETRIC & ELECTRICAL DATA FOR CPLI

NAME (MODEL #)	LIGHT SOURCE	COLOR TEMP (CCT) K°	COLOR RENDERING INDEX (CRI)	LUMEN MAINTENANCE (L70) (HRS)	INPUT VOLTAGE (V)	INPUT POWER (WATTS)	POWER FACTOR (PF)	APPARENT POWER (VA)	LUMINAIRE LUMENS AT 24V AC	HORIZONTAL LUX BETWEEN FIXTURES AT 20FT SPACING 10FT. OFF-GRADE/LUX AT 12FT. FROM FENCE
LED Perimeter Wall Pack Light (CPWP1)	(3) Cree XTE Array	4,500°K Neutral White	76	66,500	12-26 AC/DC	7.0	0.81	8.64	346	At Wall 4.88 lux, 12 ft. 1.88 lux
LED Perimeter Fence Light (CPL1)	(3) Cree XTE Array					7.0	0.81	8.64	252	At Fence 4.53 lux, 12 ft. 1.75lux
LED Perimeter Fence Light (2X Power) (CPL12X)	(6) Cree XTE Array		70			14.0	0.81	17.28	764	At Fence 11.45 lux, 12 ft. 2.54 lux
LED Perimeter Fence Light (3X Power) (CPL13X)	(9) Cree XTE Array		21.0			0.81	25.92	1115	At Fence 16.38 lux, 12 ft. 3.89 lux	
LED Perimeter Fence Light (4X Power) (CPL14X)	(12) Cree XTE Array		28.0			0.81	34.56	1500	At Fence 23.4 lux, 12 ft. 9.7 lux	

IESNA Cut-Off Classification: Full-Cutoff (0% above Nadir); Dark-Sky Compliant (MLO) for reduction of light pollution and light trespass.

Contact CAST Perimeter for full photometrics, calculators and kit information.

\* Please note: If powering fixture with DC power consumed watts will increase by 25% and lumens will increase by 10%.

## LISTINGS & CERTIFICATIONS FOR CPLI

All CAST LED Lights: Conform to: UL Std's. 1838 & 8750; CE; Certified to CAN/CSA Standards C22.2 No. 250.0 & C22.2 No. 250.13. Suitable for wet locations. FCC Class B Conducted and Radiated. RoHS. IP66 Rated. Full LM-79 report & AGI32 Lux files available.

## CONTACT US

For more information, site estimates, kit choices, and pricing.

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Patents: US Patent 8,845,124; 9,360,197; 9,593,832; 9,777,909; 9,648,688; Intl Patents; Other Patents Pending.

Cast Perimeter® is a division of CAST Lighting which specializes in the research, innovation and manufacturing of low voltage LED lighting solutions.