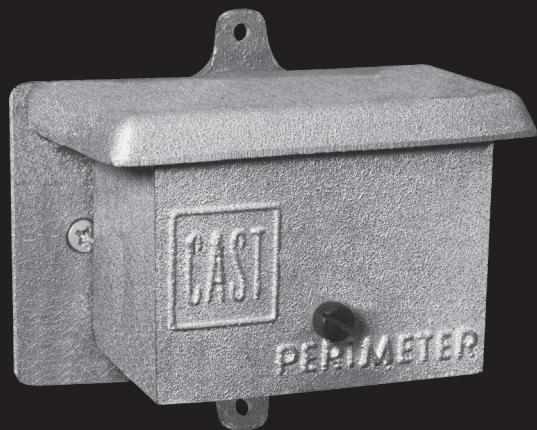




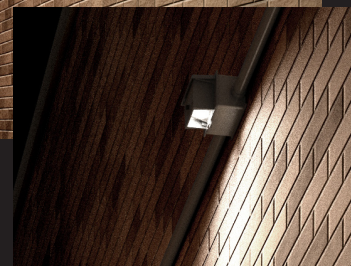
PERIMETER™

LED SECURITY LIGHTING SOLUTIONS



Using the same LED array and patented driver as the Perimeter™ Fence Light, this compact Wall Pack is small enough to be used in niche areas, on posts, along alleys, under awnings - anywhere light is needed. It can be mounted flush on a surface or junction box.

Provides a visible deterrent against intrusion while being cost efficient for commercial, municipal, and even residential properties.



- ✓ 24-volt system allows for fast, safe installation with considerable cost savings (for labor, materials, and energy) compared to 120/220 volt systems
- ✓ Provides no-glare lighting and appropriate illumination for security cameras and personnel
- ✓ Neutral White Cree® LED's with a predicted life of 66,500 hours (10+ years)
- ✓ All components protected from dust and moisture - impervious to environmental damage
- ✓ Cast aluminum alloy and galvanized steel construction-withstands physical abuse
- ✓ Extremely wide input voltage range (12 to 24 volts) allowing long wire runs with acceptable voltage loss
- ✓ Dark-Sky-compliant full cut-off fixtures do not contribute to light pollution and trespass



Contract #GS-07F-183CA

www.cast-lighting.com

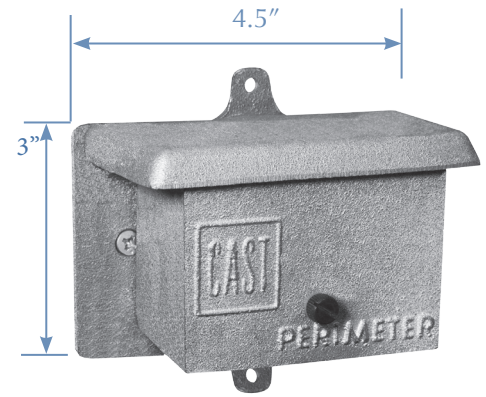
Specifications

Operational Features

Ambient Temperature Range (Operating): -40°C to +55°C
Voltage Input: Fixtures: 12 to 24 volts AC/DC; Transformers: Both 120V and 220/240V models available
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 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.
Dimming: Units are not dimmable.

Mounting, Control, and Security Options

Mounting: 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 singly gang junction box.
Control: 24-volt (300VA or 600VA) CAST Perimeter Lighting Transformers (CPT300, CPT600, E1CPT300 and E1CPT600) have built-in manual timers that can be combined with optional photocells (CTPC) or external control units to tie into existing control system.
Security: Vandal-proof hardware and hard-wired security line through conduit can deter theft of luminaires and alert owners via security system. Call for sources and options.



CAST WALLPACK

CPWP1

Sustainability & Replaceability

Sustainable: CAST fixtures are designed for a lifetime of use. Cast-metal components are sand-cast in CAST Lighting's own foundry that incorporates trimmings into new product. Nothing is discarded.
Replaceable and Upgradable: All parts of the CAST LED Perimeter Lights are replaceable and upgradeable. Should the LED array or driver fail, then the body or base can be replaced or repaired in the field without special tools or training. New technology can be incorporated into the fixture in the future.

Dimensions & Construction

LED Perimeter Wall Pack Light (CPWP1)	4.5" wide x 3" tall x 3" deep (matches plate size of single-gang electrical junction box). Eurometal body; borosilicate glass LED enclosure; stainless steel hardware.
Fixture Lead Wires (All): (2) 4" Tin-Coated Marine-Grade #20 AWG wires for connections to be made inside luminaire junction box. Parallel crimp connectors included.	

Photometric & Electrical Data

Name (Model #)	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)
LED Perimeter Wall Pack Light (CPWP1)	(3) Cree XTE Array	4,450°K Neutral White	77	66,500	12-24 AC/DC	0.38	7.0	0.82	8.5	490	138

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

Contact CAST for photometrics, calculators and kit information.

Listings & Certifications

All CAST LED 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

Required Accessories & Parts

CAST No-Ox Tin-Coated Marine Grade Wire



CLW82500
CLW102250
CLW102500
CLW122250
CLW122500
CLW142500
CLW162500
CLW184250



CAST Perimeter Transformers

CPT300
CPT600
E1CPT300
E1CPT600