

## POWER OVER ETHERNET (PoE) LED LIGHTING

### MODEL # CPOE60W

**The World's First PoE LED Lighting Solution powered by EtherWAN 90W Managed Switch. Supports the CAST LED Lighting Models CPL2, CPL38, CPL312, AND CPWP1.**

**Provide light for up to 200' with fixtures spaced 20' apart.**

### PRODUCT SPECIFICATIONS

#### POWER SOURCE

Powered by EtherWAN 90W Managed Switch Part #EX78934E-OVB (12 Ports PoF+4 SFP)

#### VOLTAGE INPUT

56VDC

#### VOLTAGE OUTPUT

30V DC

#### MAX DISTANCE FROM SWITCH TO CPOE60W

\*300'

#### FIXTURE SELECTION

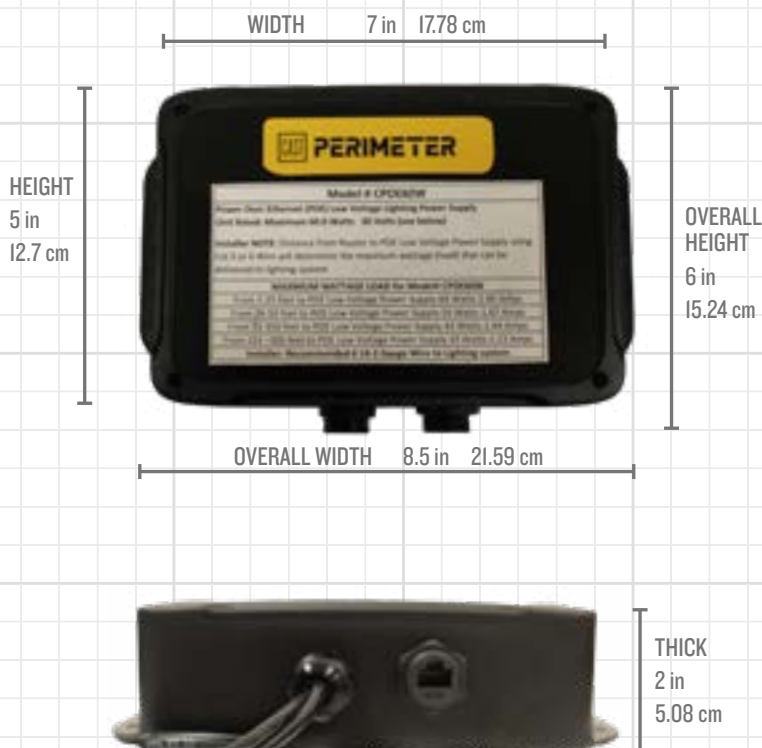
CPL2, CPL38, CPL312, CPWL1

#### DESIGNED # OF FIXTURES

2-5 @ 20' Spacing

#### WIRE

14/2-guage CAST No-Ox® wire (CLW142250)



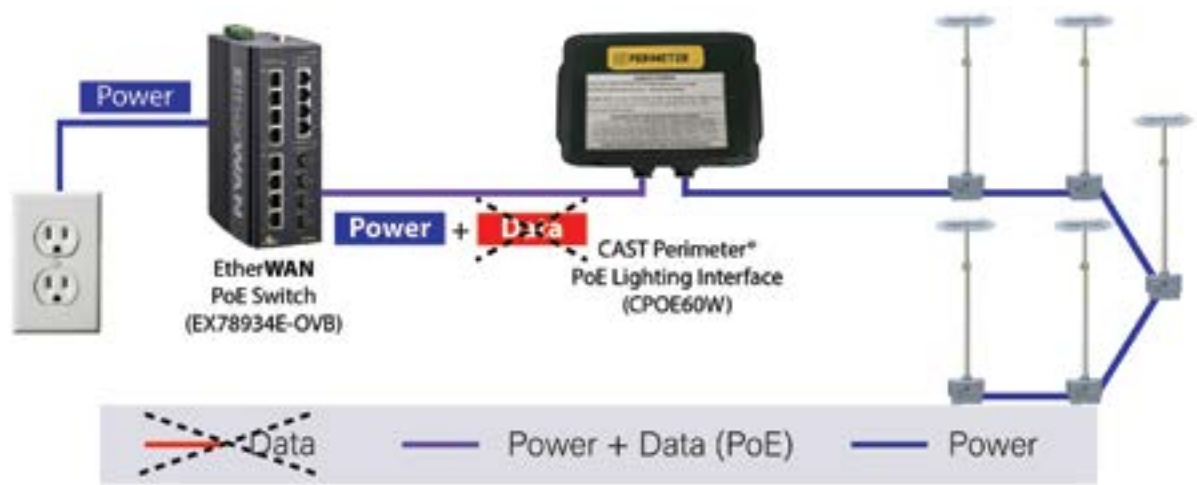
### INSTALLATION

- Run RJ45 CAT 5/6 cable from EtherWAN POE switch up to \*300' to CAST Lighting CPOE60W and plug into RJ45X jack on bottom of interface.
- Remove top cover (4 - Phillips-head screws).
- Run 14/2-gauge CAST No-Ox® wire into 2nd waterproof gland and connect the two (2) wires to the two (2) positive and negative screw terminals on circuit board and tighten screws.
- Replace top cover.
- Run wire to first light and connect using a CAST posi-tap connector.
- Continue process to remaining lights.

\*Voltage loss in CAT 5 cable limits fixture quantity. See calculation on back page.

# POWER OVER ETHERNET (PoE) LED LIGHTING

(CPOE60W)



MODEL # CPOE60W			
Power Over Ethernet (PoE) Low Voltage Lighting Power Supply			
Unit Rated: Maximum 60.0 Watts 30 Volts (see below)			
Installer NOTE: Distance from Router to PoE Low Voltage Power Supply using Cat 5 or 6 Wire will determine the maximum wattage (load) that can be delivered to lighting system.			
		CPL2	CPL38
MAXIMUM WATTAGE LOAD for Model # CPOE60W	Watts	9	11
		Units	Units
From 1-25 feet to PoE Low Voltage Power Supply 60 Watts 2.00 Amps.	60	6	5
From 26-50 feet to PoE Low Voltage Power Supply 50 Watts 1.67 Amps.	50	5	5
From 51-150 feet to PoE Low Voltage Power Supply 43 Watts 1.44 Amps.	43	4	4
From 151-300 feet to PoE Low Voltage Power Supply 33 Watts 1.13 Amps.	33	3	3
Installer: Recommended CAST # 14-2 Gauge Wire (CLW142250) to Lighting System			

## CONTACT US

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

EMAIL

perimeter@cast-lighting.com

ONLINE

cast-lighting.com/perimeter

PHONE

973.423.2303

ADDRESS

1120-A Goffle Rd,  
Hawthorne, NJ 07506

FAX

973.423.2304

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.