



Patent #7723862

Tap into your streetlights to power a variety of devices such as cameras, cell modems, sensors, etc. With the OWL Series you can step down your voltage to 120 VAC or convert AC to DC to power virtually any ancillary device

Features

- Eliminates special wiring
- Simple plug-in installation
- Pass-thru photocontrol operations
- Input voltage: 120/208/240/277/480 Vac
- Output voltage: 12/24/48 Vdc or 120 Vac

Power Devices from Street Light

- Cameras
- Wireless access points / gateways
- Air quality sensors, wind, temp
- Humidity, rain, snow detection
- Gunshot detection
- Traffic counting
- People counting
- Digital Signs
- Smart Parking
- Vehicle charge stations

Specifications

IEEE Standards:	Conforms to ANSI C136.10 for Street and Area Lighting
Housing:	UV stabilized impact resistant polypropylene, color gray
Temperature:	-40° to +70° C, -40° F to +158° F
AC Power Cable:	SEOOW 16/2 AWG
DC Power Cable:	Cat5e +Vdc 4&5, -Vdc 7&8

PoE

Power over Ethernet

FP287A-XXX-XXX

Cat 5e Output Cable Length	←
XXX = output cable length (in inches)	
Luminaire Voltage (Vac)	←
A = 105-130 Vac	
B = 100-265 Vac	
OWL PoE Output Voltage 48 Vdc	←
C = 802.3af, 20W	
D = 802.3af, 25W	
N/A	←
N = always use	

AC to DC

120/240 Vac to 12/24/48 Vdc

FP288A-XXX-XXX

Output Cable Cat5e	←
XXX = output cable length (in inches)	
Luminaire Voltage (Vac)	←
B = 100-265 Vac	
DC Output Voltage 48 Vdc	←
A = 12V, 25W, Cat5e	
B = 24V, 25W, Cat5e	
C = 48V, 20W, Cat5e	
D = 48V, 25W, Cat5e	
N/A	←
N = always use	

AC to AC

Step Down to 120 Vac

FP289A-XXX-XXX

Output Cable 16 Gauge - 2 Wire	←
XXX = output cable length (in inches)	
Luminaire Voltage (Vac)	←
C = 240 (198-264) Vac	
D = 480 (420-530) Vac	
E = 277 (249-305) Vac	
N/A	←
N = always use	
AC Output Voltage (Vac)	←
B = 240 to 120 Vac	
C = 480 to 120 Vac	
D = 277 to 120 Vac	

Note: To upgrade any OWL from 3-pin to 7-pin, add '-A' to end of part number

Other OWL configurations and connections are available. Please consult factory for details.

The information in this document is provided for informational use only and is subject to change without notice.

© 2020 by Sunrise Technologies, Inc. All rights reserved.

Doc: V082420.22