



## FP280 Owl Series Converted Power



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

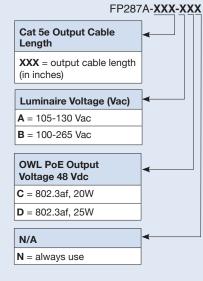
#### **Specifications**

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

AC to AC

### <u>PoE</u>

Power over Ethernet



# AC to DC

120/240 Vac to 12/24/48 Vdc

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, 25W, Cat5e

D = 48V, 25W, Cat5e

N = always use

Step Down to 120 Vac FP289A-XXX-XXX		
Output Cable 16 Gauge - 2 Wire	←	
<b>XXX</b> = output cable length (in inches)		
Luminaire Voltage (Vac)		
<b>C</b> = 240 (198-264) Vac		
<b>D</b> = 480 (420-530) Vac		
<b>E</b> = 277 (249-305) Vac		
N/A	<b>←</b>	
N = always use		
AC Output Voltage (Vac)	<b></b>	
<b>B</b> = 240 to 120 Vac		
<b>C</b> = 480 to 120 Vac		
<b>D</b> = 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.

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