



Photocontrol
sold separately



Patent #7723862

Overview

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 additional wiring
- Simple plug-in installation
- NEMA 3-pin and 7-pin available
- Pass-through photocontrol operations
- Input voltage: 120 / 208 / 240 / 277 / 480 Vac
- Output voltage: 12 / 24 / 48 Vdc or 120 Vac

Specifications

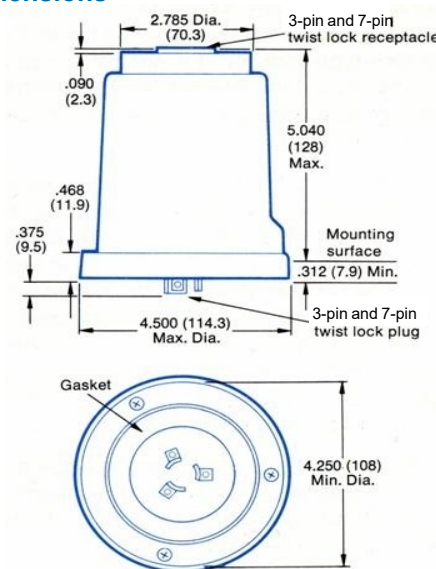
IEEE Standards:	Conforms to ANSI C136.10 for Street and Area Lighting
Housing:	UV stabilized impact resistant polypropylene, color gray
Temperature:	-40° to +70° C, -40° F to +158° F
AC Power Cable: *	SEOOW, 600V, 16/2 AWG
DC Power Cable: *	PoE Cat5e +Vdc pins 4&5, -Vdc pins 7&8
Power Output:	Output power is subject to De-Rating over higher temperatures

* Custom cables and connectors are available upon request

Power Devices from Any Street Light

- Security Cameras
- Wireless access points and gateways
- 5G Hotspots and WiFi AP's
- Air quality sensors, wind, temp
- Humidity, rain, snow detection
- Gunshot detection
- Traffic counting
- People counting
- Digital Signs
- Smart Parking
- Vehicle charge stations

Dimensions



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ORDERING GUIDE

PoE Series

Power over Ethernet

FP287A - 120* - ACN - A** (Part Number Example)

Series	Length *	Code	Luminaire Voltage	Output Power ***	Cable & Connector
FP287A	XXX	ACN	100-265 VAC	48Vdc 25W	Cat5e with RJ45 connector
↓	↓	BCN	↓	48Vdc 13W (PoE 802.3af)	Cat5e with RJ45 and ground lug

AC to DC Series

Convert 120/208/240 VAC to 12/15/24/48 Vdc

FP288A - 120* - BAN - A** (Part Number Example)

Series	Length *	Code	Luminaire Voltage	Output Power ***	Cable & Connector
FP288A	XXX	BAN	100-265 VAC	12Vdc - 25W	Cat5e with RJ45 connector
↓	↓	BLN	↓	12Vdc - 100W	↓
↓	↓	BHN	↓	15Vdc - 25W	↓
↓	↓	BBN	↓	24Vdc - 25W	↓
↓	↓	BGN	↓	24Vdc - 100W	↓
↓	↓	BDN	↓	48Vdc - 25W	↓
↓	↓	BPN	↓	48Vdc - 60W	↓
↓	↓	BQN	↓	48Vdc - 100W	↓

NOTE: for Luminaire Voltages of 100 - 305 VAC, please contact factory

AC to AC Step Down Series

Convert 208/240/277/480 VAC to 120 VAC

FP289A - 120* - ENL - A** (Part Number Example)

Series	Length *	Code	Luminaire Voltage	Output Power ***	Cable & Connector
FP289A	XXX	FNG	208 VAC	120 VAC - 50W	16 AWG (2) wire pigtail
↓	↓	FNH	↓	120 VAC - 100W	↓
↓	↓	CNB	240 VAC	120 VAC - 50W	↓
↓	↓	CNK	↓	120 VAC - 100W	↓
↓	↓	END	277 VAC	120 VAC - 50W	↓
↓	↓	ENL	↓	120 VAC - 100W	↓
↓	↓	DNC	480 VAC	120 VAC - 50W	↓
↓	↓	DNF	↓	120 VAC - 100W	↓

* Cable length is in inches (example: XXX = 120 inches = 10 feet)

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

*** Output power is subject to De-Rating over higher temperatures