

SkyPower Interfaces with All Standard Streetlight Voltages

FEATURES & BENEFITS

1) POWER:

- Draws power directly from streetlight luminaire's twistlock receptacle
- 7-Pin Power Tap requires no wiring

2) CONNECT:

- SkyPower has an optional provision to mount and power a Cell Modem for Internet connectivity

3) MONITOR:

- Add an NLC onto the SkyPower receptacle to monitor the power consumption of the ancillary load

4) REBOOT:

- Occasionally, ancillary devices hang up and need a power cycle
- An added NLC can reboot the ancillary device remotely when needed
- Eliminate the need to roll a bucket truck

Meets or exceeds requirements of applicable ANSI C136.10, and C136.24 and C136.41

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Luminaire Mounted
Power Tap

Ancillary Device
Power Cable

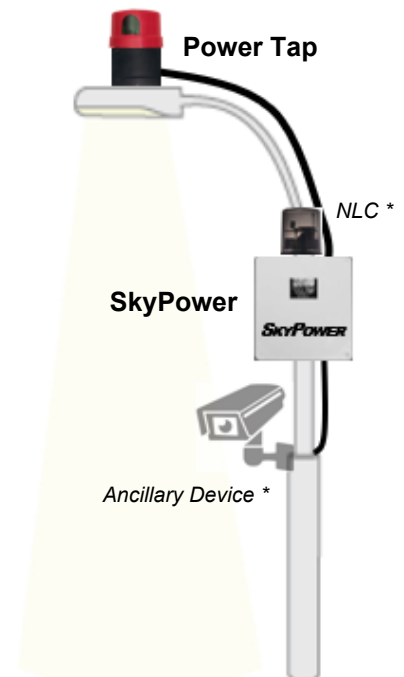
Add a Network Lighting Controller (NLC) and Cell Modem to SkyPower and Connect, Monitor and Reboot ancillary devices with your existing Smart City system

Ideal for Smart City Devices:

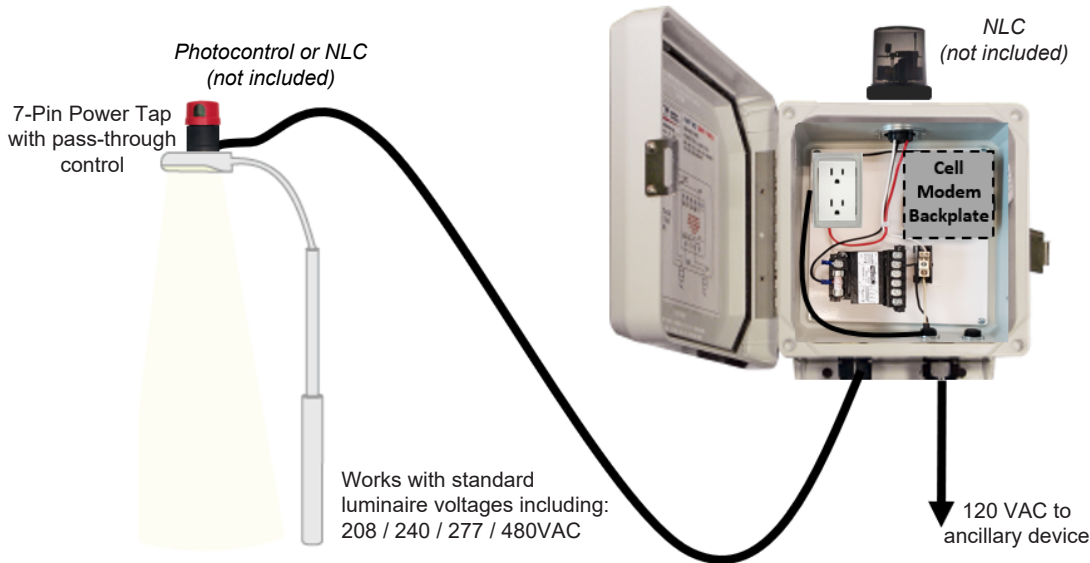
- Cameras
- Repeaters
- WiFi Hot Spots
- Air Quality Sensors
- Gun Shot Detectors
- Digital Signage
- Smart Parking
- and others...

- ✓ **Power**
- ✓ **Connect**
- ✓ **Monitor**
- ✓ **Reboot**

Photocontrol
or NLC *



* Note: Not included



Optional Equipment

- ANSI top receptacle (3-pin or 7-pin) for NLC monitor, control and reboot
- 120VAC duplex outlet for easy power access
- Cell Modem Backplate: (4"L x 4"W x 3"D)
- Direct single voltage or Multi-Tap transformers will step down standard luminaire voltages to 120VAC

DCK 9F:

- Internal 120VAC duplex outlet provides convenient power for cell modem and ancillary device
- Multi-Tap transformer will step down multiple voltages to 120VAC

CELL MODEM PROVISION:

- Cell modem backplate dimensions: 4"L x 4"W (with 3" depth available)
- ❖ *Cell modem not included and must be supplied and tested by the customer for their specific application*

SKYPOWER 7-PIN RECEPTACLE:

- Provides power and control connections to an NLC to enable device power monitoring, and the ability to reboot an ancillary device when needed by sending a "LIGHT OFF" command, followed by a "LIGHT ON" command.

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SKYPOWER SPECIFICATIONS

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Ancillary Device Connection	120 VAC, 2-prong, 14-gauge pigtail (standard) <i>Note: Other connections available - consult factory</i>
Power Tap Housing	3-1/2" Diameter Polypropylene
Power Tap Receptacle	7-Pin ANSI C136.41 with 10A slow blow, self-resetting fuse
Secondary SkyPower Load Receptacle (optional)	3-Pin or 7-Pin ANSI Receptacle, can be used with any 3, 5 or 7 pin NLC to monitor and control power to ancillary device
Operating Temperature	-40C to +70C (-40F to +158F)
SkyPower Enclosure	NEMA 4X (weatherproof) fiberglass reinforced polyester 12"L (305mm), 10"W (254mm), 4.8"D (122mm) <i>Note: Other enclosure sizes available - consult factory</i>
Industrial Cell Modem	<i>Note: Cell Modem, SIM Card and data plan are not included and responsibility of customer</i>
PART NUMBER CONFIGURATION: 5970-XXXX-XXX-XXX	
SkyPower Receptacle (optional)	5970- X xxx-xxx-xxx; X=3 , (3-Pin), X=7 , (7-pin) receptacle
Internal 120VAC duplex outlet (optional)	5970-x X xx-xxx-xxx; X=0 , (no duplex outlet), X=D , (duplex outlet)
Cell Modem Backplate (optional)	5970-xx X x-xxx-xxx; X=0 , (no backplate), X=B , (backplate)
Transformer Options	5970-xxx X -xxx-xxx X=0 , no transformer X=1 , 208 to 120VAC, 100VA X=2 , 240 to 120VAC, 100VA X=3 , 277 to 120VAC, 100VA X=4 , 347 to 120VAC, 100VA X=5 , 480 to 120VAC, 100VA X=6 , 208/240/277/480VAC to 120VAC MultiTap, 50VA, 2A Slow Blow Fuse
Cable Lengths (14 awg)	5970-xxxx- XXX -xxx; XXX =Luminaire Power Tap to SkyPower cable 5970-xxxx-xxx- XXX ; XXX =SkyPower to Ancillary device cable <i>Note: cable length XXX in inches</i>