EASY.
UNOBTRUSIVE.
ERROR FREE.

MEET SOLIS ENERGY'S
LIGHT POLE POWER TAP
LPT140 SERIES



Solis Energy's Light Pole Power Tap (LPT) simplifies the way external devices connect to streetlights. Designed for a hassle-free setup, the LPT easily plugs into existing photocell sockets and once in place, it seamlessly integrates, allowing the light pole to function as usual. With a secure twist-lock connector and a detachable load cable, the LPT facilitates quick installations of devices like traffic monitors, Wi-Fi radios, or decorative lights. It's a user-friendly solution, minimizing disruption to light pole structures while expanding connectivity and functionality for smart city applications. The LPT is a straightforward choice for enhancing urban environments.

LIGHT POLE POWER TAP

FEATURES

- True Universal AC Input — 85-305 VAC
- Integrated Surge Protection
- Simple Twist-Lock For Error Free Installation
- No Interference With Photocontrol Operation
- Wide Operating Temperature (-20°C to 60°C)
- Earth Ground Connector
- ANSI C136.41 7-Pin Dimming Photocontrol Connector

APPLICATIONS

- Surveillance Cameras
- Wi-Fi Hotspots
- Wireless Communication Equipment
  5G, CBRS, Private LTE
- Environmental Sensors
- Smart City Devices
- Traffic Management Devices

SOLIS ENERGY

POWER WHEN YOU NEED IT.

150 N Cypress Way • Casselberry, FL 32707
407.339.6786 • www.SolisEnergy.com

Rev 26.10

LPT140 POWER TAP ADAPTER

The LPT140 features integrated surge protection, a UV-resistant enclosure built to withstand extreme weather conditions and temperature variations, a locking quick-connect adapter for easy cable changes in the field, and a rubber gasket underneath to protect the light pole's socket from weather. It is a rugged, utility grade component designed for reliable, long term use.

The LPT140 is fully compatible with both ANSI C136.10 three conductor twist-lock photocell receptacles and ANSI C136.41 seven conductor twist-lock dimming photocell receptacles, and will not interfere with the functionality of photocell controllers.

Voltage Range	0 – 305 VAC Input; 10 A Max
Operating Temperature	-40°C to 70°C
Surge Protection	Clamping Voltage: 1025 VAC
	Joule Rating: 380 J
Host Connector	ANSI C136.41: 7-Pin Dimming Photocell Connector
Load Connector	IP67 Twist-Lock
Physical	UV-Resistant Enclosure - 4" x 3.75" x 3.2"

The LPT140 is available in several standard models with varying cable lengths and outputs; each include the LPT base unit.

Model #	Cable Length	Output
LPT140	Not Included – Base Unit Only	Unterminated
LPT141	10'	Unterminated
LPT142	25'	Unterminated
LPT140-C	Custom	Unterminated
LPT148	10'	2 x PoE
LPT148-DC	10'	48VDC 70W