

PETER

VERTICAL-BEND NEON FLEX

PETER is a vertical-bend LED neon flex designed for use with Photonus Wattowa or Altara solar power systems. Its compact 16 x 15 mm profile, configurable lengths, and multiple mounting options provide continuous illumination for a wide range of architectural applications.



COMPATIBILITY NOTICE

PETER operates on a remote driver and is intended for use with a Photonus **Wattowa** or **Altara** solar power system. Total run length depends on the solar power available at the installation location. Contact factory.



LIGHT SOURCE

Source	LED SMD2835
CCT	2700K – 6000K
CRI	>90
Lumen Output	222 Lm/ft – 271 Lm/ft
Wattage	3.05 W/ft
Remote Driver	For use with Photonus Wattowa or Altara
Beam Spread	111°

BENDING AND CUTTING

Bend Direction	Vertical
Minimum Bend	Ø 7.9" (200mm)
Cutable Increments	2.0" (50mm)
Maximum Run Length	39.4 ft (12m)*

GENERAL

Mounting	Aluminum clips, Aluminum profile, Flexible Profile, PC profile
Dimensions	Width 16mm x Height 15mm
Material	Silicon
Operating Temperature	-13°F to 140°F (-25°C to 60°C)
Warranty	1-Year Limited Warranty
Certification and Listing	UL Listed E464546. RoHS compliant. IP67 Rated

*Total length dependent on solar power available from the installation location.

ORDER CODE

MODEL	CCT	LENGTH	WATTAGE	POWER FEED	LEAD WIRE	MOUNTING
PETER	27	Lx Length in feet (x = length 1 ft – 39 ft)* *Length dependent on solar power available from the installation location of the Photinus Wattowa or Altara. Contact factory.	HE High Efficiency 3.05 W/ft	<u>INTEGRATED END CAP</u>	LWS Standard 11.8" LWx (x = length 3 ft, 6 ft, 9 ft...)	AC Aluminum Clips AP Aluminum Profile FP Flexible Profile PC PC Profile
	2700K			IBE Integrated Bottom Entry		
	30			IFE Integrated Front Entry		
	3000K			ISEL Integrated Side Entry Left		
	35			ISER Integrated Side Entry Right		
	3500K			<u>COMBINED END CAP</u>		
	40			CBE Combined Bottom Entry		
	4000K			CFE Combined Front Entry		
	50			CSEL Combined Side Entry Left		
	5000K			CSER Combined Side Entry Right		
	60					
	6000K					

A closed end cap (IP67) is added to all runs.

SPECIFY YOUR CODE — example values shown in grey

PETER

MODEL

CCT

LENGTH

WATTAGE

POWER FEED

LEAD WIRE

MOUNTING

30

L3

HE

IBE

LWS

AP

LUMEN OUTPUT Constant current · 3.05 W/ft · 73 – 90 Lm/W

CCT	W / FT	LM / W	LM / FT	CUTTING INCREMENTS	MAX RUN LENGTH*
2700K	3.05	73	222	1.97" (50mm)	39.4' (12m)
3000K	3.05	77	234.7	1.97" (50mm)	39.4' (12m)
3500K	3.05	85	259.1	1.97" (50mm)	39.4' (12m)
4000K	3.05	82	249.9	1.97" (50mm)	39.4' (12m)
5000K	3.05	90	274.3	1.97" (50mm)	39.4' (12m)
6000K	3.05	89	271.3	1.97" (50mm)	39.4' (12m)

*Total length dependent on solar power available from the installation location. For information purposes only.

POWER FEED

INTEGRATED END CAP · IP67



IBE Bottom Entry



IFE Front Entry

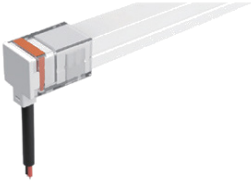


ISEL / ISER Side Entry

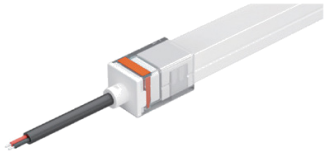


Closed End Cap

COMBINED END CAP · IP67



CBE Bottom Entry



CFE Front Entry



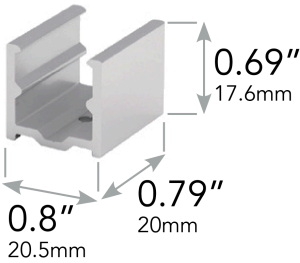
CSEL / CSER Side Entry



Closed End Cap

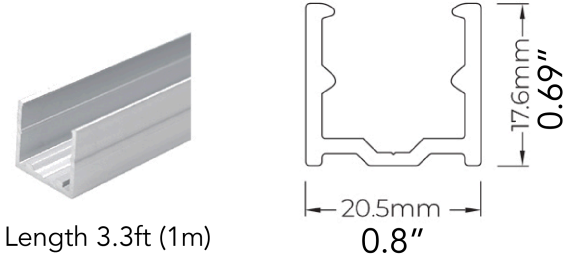
A closed end cap is added to all runs. Side entry is specified left or right by order code.

MOUNTING



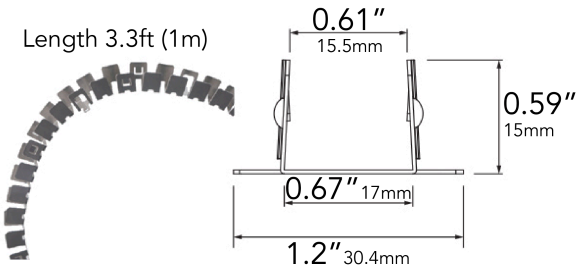
AC Aluminum Clips

Standard 2 clips per foot



AP Aluminum Profile

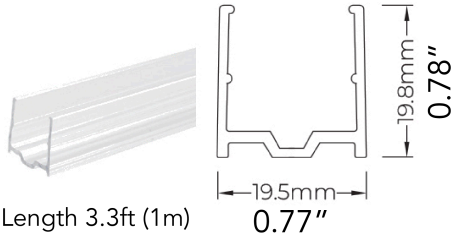
Length 3.3ft (1m)



FP Flexible Profile

Length 3.3ft (1m)

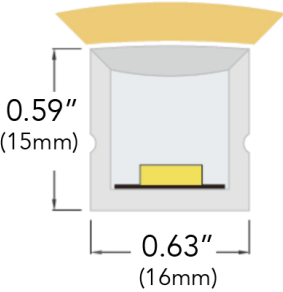
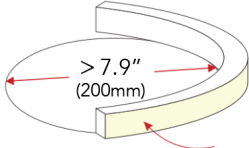
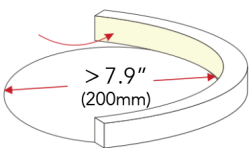
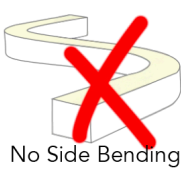
Profile quantity to be determined by manufacturer based on total fixture run length.



PC PC Profile

Length 3.3ft (1m)

DIMENSIONS AND BENDING

Section	16 x 15mm	Bending	vertical only, Ø 7.9" (200mm) minimum
			
			

Run and Lead Wire

standard lead wire 11.8" (300mm)

