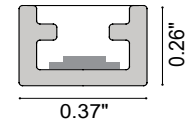
EASY LINE - Frost LLTW3

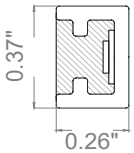
datasheet

EASY LINE is a vertical, bendable LED strip that is IP65-IP68 rated ideal for fountains or swimming pools for panel installation in reinforced concrete with tiles or pool liner. It is available in Transparent, Frost, Clear or Total Light with static white, tunable white or RGB, and guarantees protection against UV rays and the corrosive action of salt and sodium hypochlorite. EASY LINE Frost has opal resin with a white outercasing. **Not cuttable in the field.**

UL 676

Fixture Dimensions





NOT CUTTABLE IN THE FIELD

TECHNICAL DATA

Wattage	12W / 3.28 ft (1 m)
Power Supply	Remote Fountain/Pool Approved 24VDC Power Supply, not included. See page 2.
Construction	Body: Opal Polyurethane Resin Outercase: White PVC
CCT	2900K-4500K (120+120 LED / 3.28')
CRI	85
Delivered Lumens	800 lm / 3.28' (1 m)
Efficacy	66.7 lm/W
Optics	120°
Fixture Dimensions	0.37" w x 0.26" h x Various Lengths
LED Source	SMD 3014
LED Spacing	120+120 LED per 3.28 ft (1 m), 0.17" between LEDs
Lumen Maintenance	L80,B10>50,000 hrs
Color Consistency	2-3-Step MacAdam
Operating Temp.	-22°F to 131°F
IP Rating	IP65 / IP68

ORDERING INFORMATION

Example: LLTW3-24.68.F.US. Power Supplies / Accessories ordered separately.

LLTW3	-	24	.		.	F	.	US

Model No.	Power	IP Rating		
LLTW3 - 120+120 LED / 3.28' (1 m)	**24** - 24VDC	**65** - IP65 **68** - IP68	**F** - Frost	**US**

Job Name/Date:

Fixture Type Designation:

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www.designplan.com

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Published: January 27, 2025

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SUGGESTED POWER SUPPLIES

24VDC - **TO BE USED WITH FOUNTAIN / SWIMMING POOLS**

Part Number	Description	Input/Output	# of Fixtures
FPV-100110024	ELV / TRIAC & 0-10V Dimming (100 to 10%)	120-277VAC to 24VDC, 96W, Class 2, NEMA 4	1-6
FPV-100000024	Non-Dim	120-277VAC to 24VDC, 100W, Class 2, NEMA 4	1-6
FPV-100100024	0-10V Dimming (2 Channels)	120-277VAC to 24VDC, 100W, Class 2, NEMA 4	1-12

SUGGESTED POWER SUPPLIES

24VDC - **TO BE USE FOR INDOOR/OUTDOOR USE - NOT** Fountain / Swimming Pool

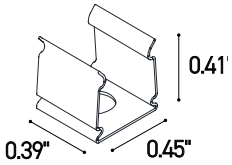
Part Number	Description	Input/Output	# of Fixtures
PPLT00690	ELV / TRIAC & 0-10V Dimming	120-277VAC to 24VDC, 40W, Class 2, IP67	1-2
PPLT00543	0-10V Dimming to 15% (-40°C / -40°F cold weather start)	120-277VAC to 24VDC, 100W, Class 2	1-6

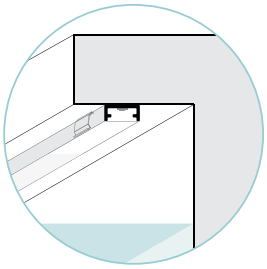
Suggested Lutron Compatible - **FOR INDOOR/OUTDOOR USE ONLY**

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00273	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 24VDC, 40W, Class 2	1-2
PPLT00530	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 24VDC , 96W, Class 2	1-6

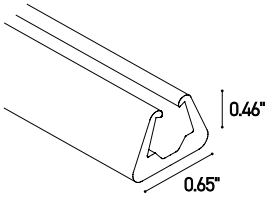
For other power supply options consult factory.

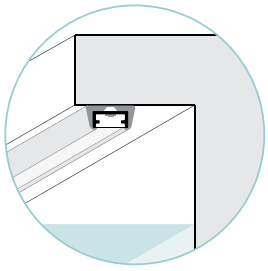
ACCESSORIES - Installation



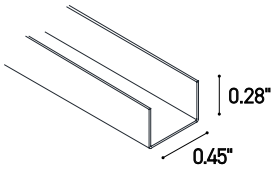


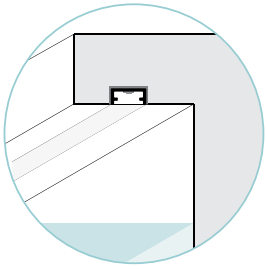
CLIP-AC-9.5x6.5-AC
Harmonic steel clips



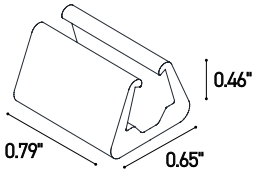


OUT-S-9.5x6.5.F/W
Flexible Silicone Outercase
L=16.4”

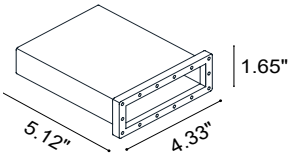




PRO-AL-9.5x6.5-AL
Rigid Aluminum Outercase
L=9.84’



CLIP-S-9.5x6.5.F/W
Silicone Clip



CABLE-BOX
Cable box

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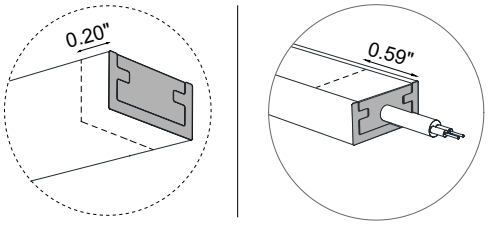
POWER CABLE EXIT / AREA WITH REDUCED LIGHT



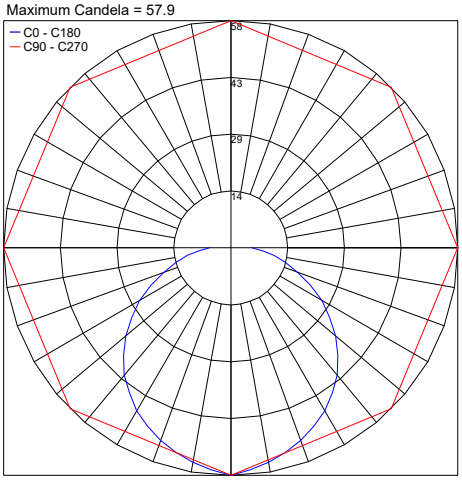
Opposite side

X. End feed

PHOTOMETRIC DATA

2950K

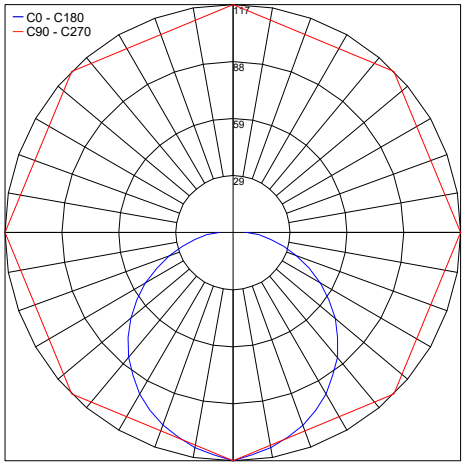
Maximum Candela = 57.9



PHOTOMETRIC FILENAME : EASY LINE FROST - LLTW3.24.68.F.WARM 2950K.IES

3550K

Maximum Candela = 117.4



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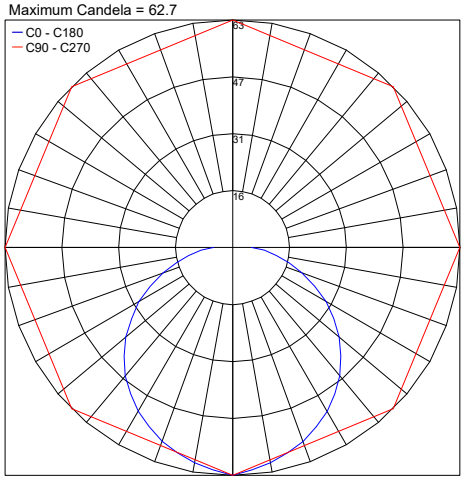
4250K

Maximum Candela = 62.7



PHOTOMETRIC FILENAME : EASY LINE FROST - LLTW3.24.68.F.COLD 4250K.IES

Job Name/Date:

Fixture Type Designation:

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www.designplan.com

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