

EASY LINE - Frost LL5

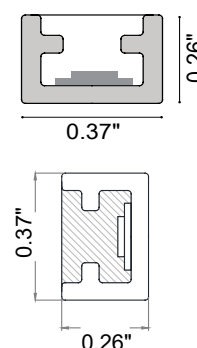
EASY LINE is a vertical, bendable LED strip that is IP65-IP68 rated ideal for fountains or swimming pools for panel installation in reinforced concrete with tiles or pool liner. It is available in Transparent, Frost, Clear or Total Light with static white, tunable white or RGB, and guarantees protection 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.**



TECHNICAL DATA

Wattage	6W / 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	2800K, 3350K, 4550K, 5650K (100 LED / 3.28') Single Colors: Red, Green, Blue, Amber Warm White on request: 2000K, 2400K, 2700K	
CRI	85	
Delivered Lumens	250 lm / 3.28' (2800K) 280 lm / 3.28' (3350K)	410 lm / 3.28' (4550K) 310 lm / 3.28' (5650K)
Efficacy	41.7 lm/W (2800K) 46.7 lm/W (3350K)	68.3 lm/W (4550K) 51.7 lm/W (5650K)
Nanoscale	Red: 625 nm Green: 525 nm	Blue: 470 nm Amber: 590 nm
Optics	120°	
Fixture Dimensions	0.37" w x 0.26" h x Various Lengths	
Bend Radius	2.36"	
LED Source	SMD 3014	
LED Spacing	100 LED per 3.28 ft (1 m), 0.39" 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	

Fixture Dimensions



NOT CUTTABLE IN THE FIELD

**MUST USE SUITABLE APPROVED
FOUNTAIN & SWIMMING POOL
POWER SUPPLY WHICH
IS REMOTELY MOUNTED**

ORDERING INFORMATION

Example: LL5E-N.24.68.F.X.US. Power Supplies / Accessories ordered separately.

LL5E	-		24	.		F	.		US
Model No.	CCT		Power	IP Rating		Cable Exit			
LL5E - 100 LED / 3.28' (1 m)	V - 2800K	Warm White	24 - 24VDC	65 - IP65	F - Frost	X - End Feed	US		
NOTE: Available in lengths up to 75 feet. Please specify length when ordering.	W - 3350K	On Request		68 - IP68		Z - Back Feed			
	N - 4550K	V8 - 2000K				NOTE: Back Feed (Z) only available on IP65 versions			
	C - 5650K	V2 - 2400K							
	R - Red	V5 - 2700K							
	G - Green								
	B - Blue								
	A - Amber								

Job Name/Date:

Fixture Type Designation:

SUGGESTED POWER SUPPLIES24VDC - **TO BE USED WITH FOUNTAIN / SWIMMING POOLS**

Part Number	Description	Input/Output	# of Fixtures
FPV-100110024	ELV / TRIAC & 0-10V Dimming (100 to 0%)	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-12
FPV-100000024	Non-Dim	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-13
FPV-100100024	0-10V Dimming (2 Channels)	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-26

DRIVERS IN NEMA 4X ENCLOSURE - FOR INDOOR/OUTDOOR USE ONLY

Remote 24VDC - ELV / TRIAC / 0-10V



PPLT00715

Part Number	Description	Input/Output	# of Fixtures
PPLT00715	ELV / TRIAC / 0-10V Dimming to 0.1%	120-277VAC to 24VDC, 96W, Class 2, WET/DAMP	1-12

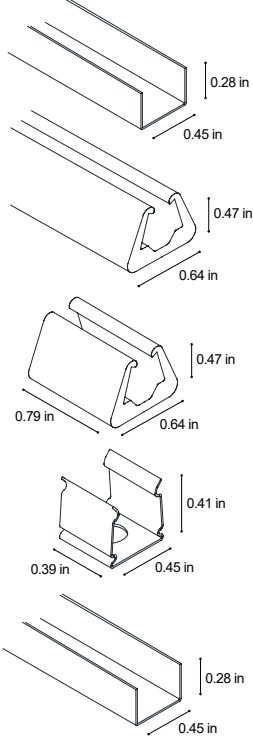
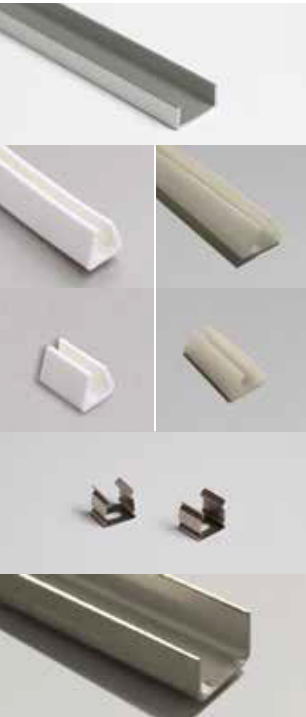
Suggested Lutron Compatible - FOR INDOOR/OUTDOOR USE ONLY

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	1-5
PPLT00530	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 24VDC, 96W, Class 2	1-12

*For other power supply options consult factory.**Job Name/Date:**Fixture Type Designation:*

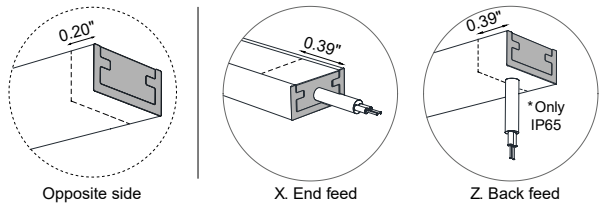
ACCESSORIES

Installation / Mounting for 0.37x0.26 inch



Code	Finishing	Description
PRO-AL-9.5x6.5-AL	Aluminum	Rigid guide L max 9.84 ft
OUT-S-9.5x6.5.W OUT-S-9.5x6.5.F	White Opal	Silicone profile
CLIP-S-9.5x6.5.W CLIP-S-9.5x6.5.F	White Opal	Silicone clip
CLIP-AC-9.5x6.5-AC	AISI 304 harmonic steel	Steel clip
PRO-AC-9.5x6.5-AC	AISI 316 harmonic steel	Rigid guide L max 8.20 ft

POWER CABLE EXIT / AREA WITH REDUCED LIGHT



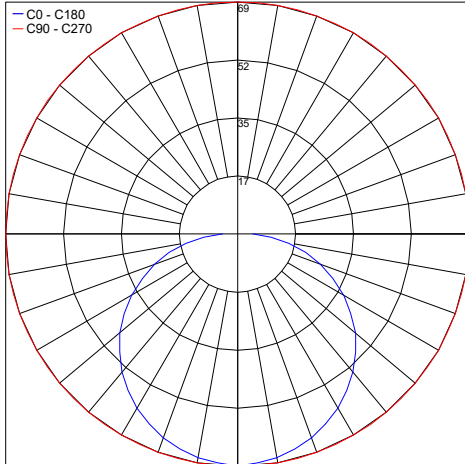
Job Name/Date:

Fixture Type Designation:

PHOTOMETRIC DATA

2800K

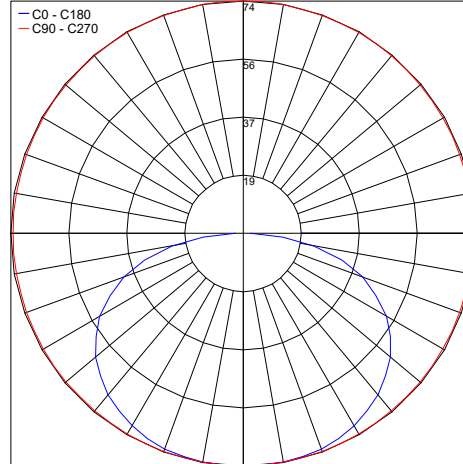
Maximum Candela = 69.1



PHOTOMETRIC FILENAME : EASY LINE FROST - LL5.SVF24-6568.F 2800K.IES

3550K

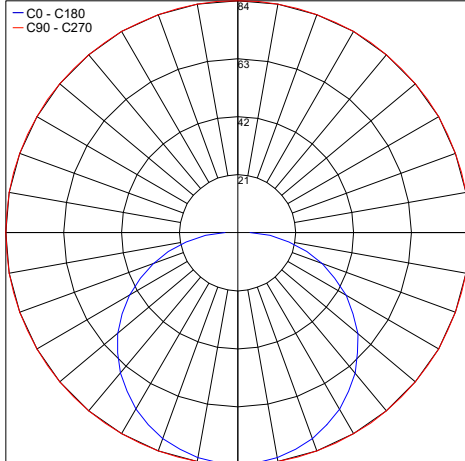
Maximum Candela = 74.0



PHOTOMETRIC FILENAME : EASY LINE FROST - LL5.SWF24-6568.F 3350K.IES

4550K

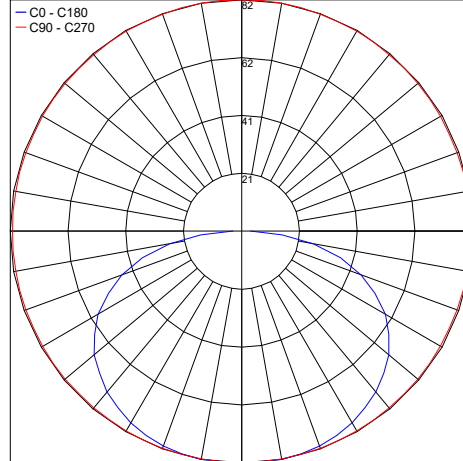
Maximum Candela = 83.6



PHOTOMETRIC FILENAME : EASY LINE FROST - LL5.SNF24-6568.F 4550K.IES

5650K

Maximum Candela = 82.2



PHOTOMETRIC FILENAME : EASY LINE FROST - LL5.SCF24-6568.F 5650K.IES

Job Name/Date:

Fixture Type Designation: