EASY LINE - Total Light LL10

designplan

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 Total Light has opal resin with an opal outercasing. **Not cuttable in the field.**

UL 676

Fixture Dimensions

0.26"

0.37"

NOT CUTTABLE IN THE FIELD

TECHNICAL DATA

Wattage	11W / 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: Opal PVC
CCT	2950K, 3300K, 4700K, 5950K (204 LED / 3.28') Warm White on request: 2000K, 2400K, 2700K
CRI	85
Delivered Lumens	860 lm / 3.28' (2950K) 800 lm / 3.28' (4700K) 760 lm / 3.28' (3300K) 850 lm / 3.28' (5950K)
Efficacy	78.2 lm/W (2950K) 72.7 lm/W (4700K) 69.1 lm/W (3300K) 77.3 lm/W (5950K)
Optics	120°
Fixture Dimensions	0.37" w x 0.26" h x Various Lengths
LED Source	SMD 3014
LED Spacing	204 LED per 3.28 ft (1 m), 0.20" 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
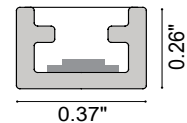
ORDERING INFORMATION

Example: LL10-N.24.68.TL.US. Power Supplies / Accessories ordered separately.

LL10	-		. 24	.	. TL	. US

Model No.	**CCT**		**Power**	**IP Rating**		
LL10 - 204 LED / 3.28' (1 m)	**V** - 2950K **W** - 3300K **N** - 4700K **C** - 5950K	*Warm White On Request* **V8** - 2000K **V2** - 2400K **V5** - 2700K	**24** - 24VDC	**65** - IP65 **68** - IP68	**TL** - Total Light	**US**

Job Name/Date:

Fixture Type Designation:

EASY LINE - Total Light LL10

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 0%)	120-277VAC to 24VDC, 100W, Class 2, NEMA 4	1-6
FPV-100000024	Non-Dim	120-277VAC to 24VDC, 100W, Class 2, NEMA 4	1-7
FPV-100100024	0-10V Dimming (2 Channels)	120-277VAC to 24VDC, 100W, Class 2, NEMA 4	1-14

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	1-7

### 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.

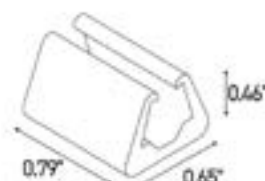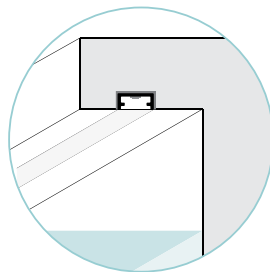## ACCESSORIES - Installation
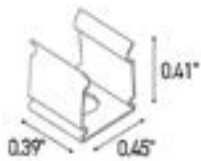
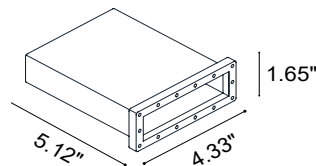**CLIP-AC-9.5x6.5-AC**
Harmonic steel clips
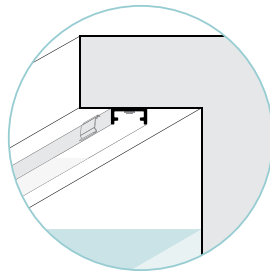
OUT-S-9.5x6.5.F/W
White Flexible Silicone Outercase L=16.40'
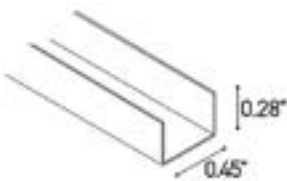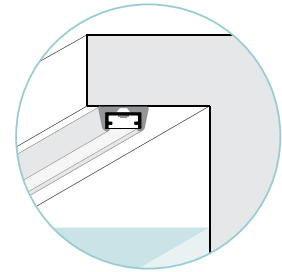
PRO-AL-9.5x6.5-AL
Rigid Aluminum Outercase L=9.84'
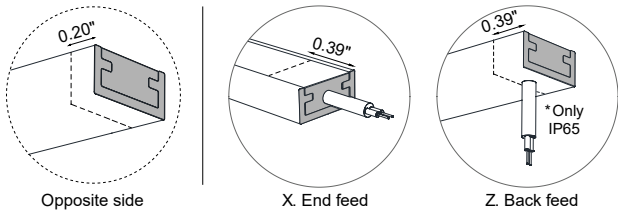
CLIP-S-9.5x6.5.F/W
Silicone Clip

CABLE-BOX
Cable box

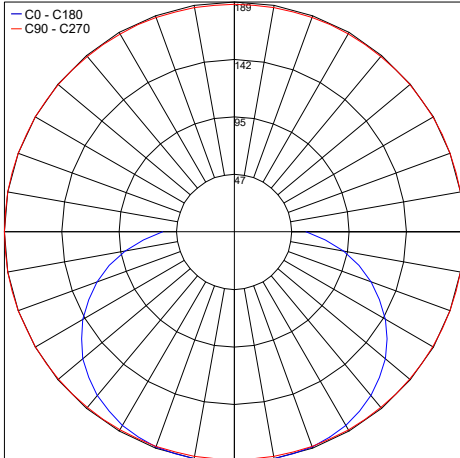*Job Name/Date:*

Fixture Type Designation:

sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825
© Copyright 2024 Designplan Lighting, Inc.
Published: January 27, 2025

P: 908-996-7710
F: 908-996-7042
2 of 3

POWER CABLE EXIT / AREA WITH REDUCED LIGHT

0.20"

Opposite side

0.39"

X. End feed

0.39"

*Only IP65

Z. Back feed

PHOTOMETRIC DATA

2950K

Maximum Candela = 189.3

— C0 - C180
— C90 - C270

189
142
95
47

PHOTOMETRIC FILENAME : EASY LINE TOTAL LIGHT LL10.SVF24-6568.TL 2950K.IES

3300K

Maximum Candela = 160.6

— C0 - C180
— C90 - C270

161
120
80
40

PHOTOMETRIC FILENAME : EASY LINE TOTAL LIGHT LL10.SWF24-6568.TL 3300K.IES

4700K

Maximum Candela = 174.9

— C0 - C180
— C90 - C270

175
131
87
44

PHOTOMETRIC FILENAME : EASY LINE TOTAL LIGHT LL10.SNF24-6568.TL 4700K.IES

5950K

Maximum Candela = 184.6

— C0 - C180
— C90 - C270

185
138
92
46

PHOTOMETRIC FILENAME : EASY LINE TOTAL LIGHT LL10.SCF24-6568.TL 5950K.IES

Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825
© Copyright 2024 Designplan Lighting, Inc.
Published: January 27, 2025

P: 908-996-7710
F: 908-996-7042

3 of 3