

# EASY LINE - Transparent LLTW4

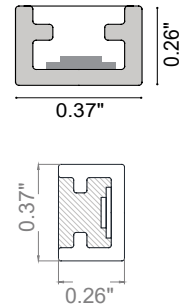
EASY LINE is a vertical, bendable LED strip that is IP65-IP68 rated ideal for fountains or swimming pools for panel installation in reinforced concrete with tiles or pool liner. It is available in Transparent, Frost, Clear or Total Light with static white, tunable white or RGB, and guarantees protection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



## TECHNICAL DATA

<b>Wattage</b>	12W / 3.28 ft (1 m)
<b>Power Supply</b>	Remote Fountain/Pool Approved 24VDC Power Supply, not included. See page 2.
<b>Construction</b>	Body: Transparent Resin Outercase: Transparent UV-treated PVC
<b>CCT</b>	2200K-3500K (120+120 LED / 3.28')
<b>CRI</b>	85
<b>Delivered Lumens</b>	1050 lm / 3.28' (1 m)
<b>Efficacy</b>	87.5 lm/W
<b>Optics</b>	120°
<b>Fixture Dimensions</b>	0.37" w x 0.26" h x Various Lengths
<b>LED Source</b>	SMD 3014
<b>LED Spacing</b>	120+120 LED per 3.28 ft (1 m), 0.17" between LEDs
<b>Lumen Maintenance</b>	L80,B10>50,000 hrs
<b>Color Consistency</b>	2-3-Step MacAdam
<b>Operating Temp.</b>	-22°F to 131°F
<b>IP Rating</b>	IP65 / IP68

Fixture Dimensions



**NOT CUTTABLE IN THE FIELD**

## ORDERING INFORMATION

Example: LLTW4-24.68.T.US Power Supplies / Accessories ordered separately.

LLTW4	-	24	.		.	T	.	US
<b>Model No.</b>		<b>Power</b>		<b>IP Rating</b>				
LLTW4 - 120+120 LED / 3.28' (1 m)		24 - 24VDC		65 - IP65 68 - IP68		T - Transparent		US

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES

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

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

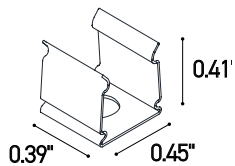
Part Number	Description	Input/Output	# of Fixtures
<a href="#">PPLT00056</a>	Non-Dim	120-277VAC to 24VDC, 26W, Class 2, IP66	1-1
<a href="#">PPLT00690</a>	ELV / TRIAC & 0-10V Dimming	120-277VAC to 24VDC, 40W, Class 2, IP67	1-2
<a href="#">PPLT00543</a>	0-10V Dimming to 15% (-40°C / -40°F cold weather start)	120-277VAC to 24VDC, 100W, Class 2	1-6

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

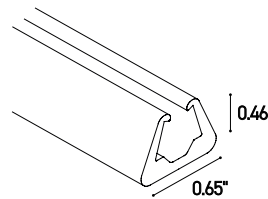
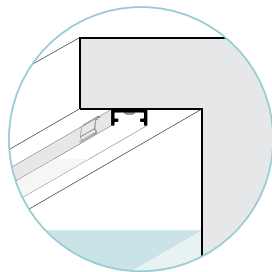
Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
<a href="#">PPLT00273</a>	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 24VDC, 40W, Class 2	1-2
<a href="#">PPLT00530</a>	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1%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

For other power supply options consult factory.

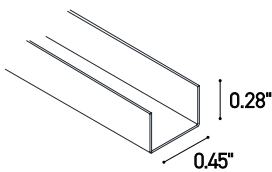
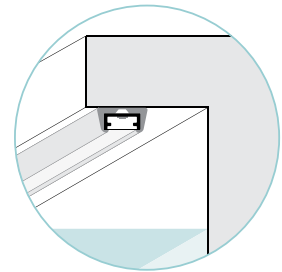
## ACCESSORIES - Installation



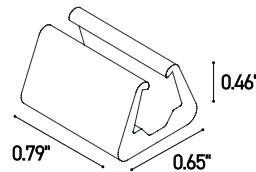
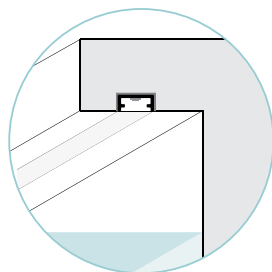
**CLIP-AC-9.5x6.5-AC**  
Harmonic steel clips



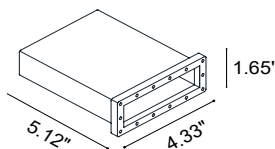
**OUT-S-9.5x6.5.F/W**  
Flexible Silicone Outercase  
L=16.4"



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



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

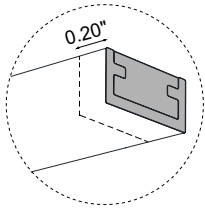


**CABLE-BOX**  
Cable box

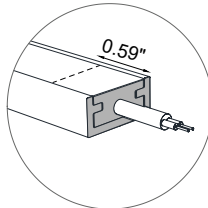
Job Name/Date:

Fixture Type Designation:

## POWER CABLE EXIT / AREA WITH REDUCED LIGHT



Opposite side



X. End feed

## CONNECTORS



### THB.381.A2A.R

Micro plug and socket connector.  
2PIN. male+female.  
IP68.  $\text{Ø}0.55'' \times 3.54''$ .  
*Compatible for all models except RGB, RGBW and Tunable white.*



### THB.387.A4A.L.R

Micro plug and socket connector.  
4PIN. male+female.  
IP68.  $\text{Ø}0.91'' \times 4.45''$ .  
*Compatible for all models except RGBW.*



### THB.391.A4A.L.R

Mini In-line circular joint connector.  
4PIN. male+female.  
IP68.  $\text{Ø}0.91'' \times 3.74''$ .  
*Compatible for all models except RGBW.*



### THB.402.D4A.R

Connector type "T". 4PIN.  
IP68.  $\text{Ø}1.26'' \times 3.58'' \times 4.76''$ .  
*Compatible for all models except RGBW.*



### THB.209.A4A

Junction box type "H". 4PIN.  
IP68.  $4.25'' \times 2.56'' \times 1.10''$ .  
*Compatible for all models except RGBW.*



### THB.399.D4E

Connector type "Y". 4PIN.  
IP68.  $\text{Ø}1.26'' \times 2.48'' \times 7.09''$ .  
*Compatible for all models except RGBW.*



### THB.392.A4A

Connector type "H". 4PIN.  
IP68.  $\text{Ø}1.10'' \times 2.13'' \times 3.15''$ .  
*Compatible for all models except RGBW.*



### THB.390.C1A

Connector type "T". 3PIN.  
IP68.  $\text{Ø}1.26'' \times 3.62'' \times 2.87''$ .  
*Compatible for all models except RGB and RGBW.*

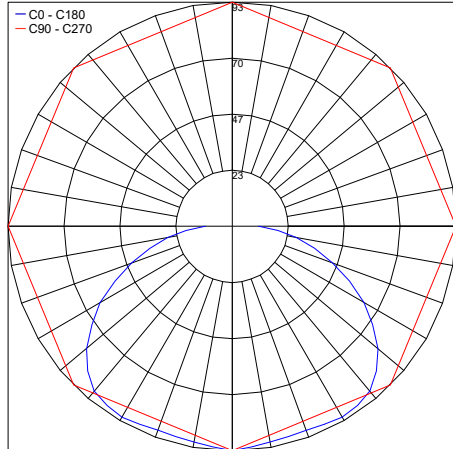
Job Name/Date:

Fixture Type Designation:

## PHOTOMETRIC DATA

### 2300K

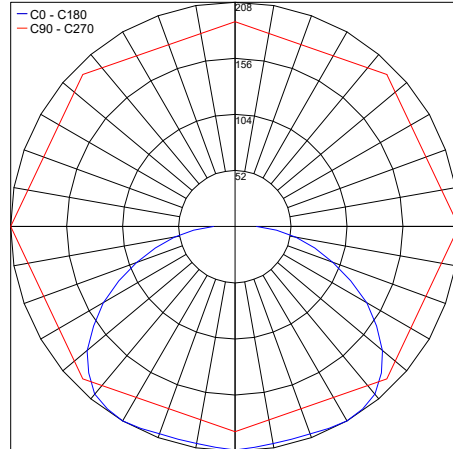
Maximum Candela = 93.3



PHOTOMETRIC FILENAME : EASY LINE TRANSPARENT LLTW4-24.68.T.WARM 2300K.IES

### 3150K

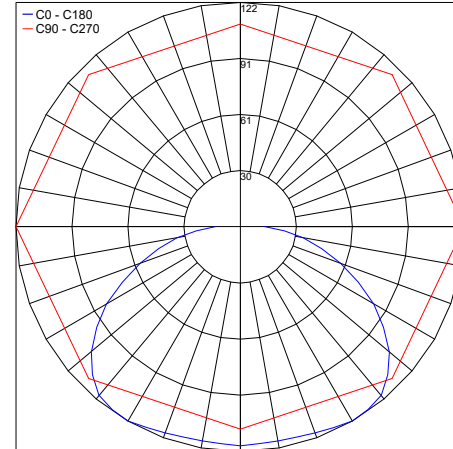
Maximum Candela = 208.4



PHOTOMETRIC FILENAME : EASY LINE TRANSPARENT LLTW4-24.68.T 3150K.IES

### 4350K

Maximum Candela = 122



PHOTOMETRIC FILENAME : EASY LINE TRANSPARENT LLTW4-24.68.T.COLD 4350K.IES

Job Name/Date:

Fixture Type Designation: