

# MIDI LINE - Side Light LL10

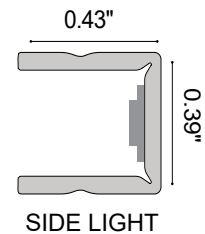
MIDI LINE is an easy to install, bendable LED strip that is IP65/IP68-rated making it ideal for swimming pools or fountains for panel installation in reinforced concrete with tiles or pool liner or indoor/outdoor areas. It is available in Side, Top or Total Light with static white, tunable white or RGB. White PVC outercase and opal resin guarantee protection against UV rays and the corrosive action of salt and sodium hypochlorite. **Not cuttable in the field.**



## TECHNICAL DATA

<b>Wattage</b>	11W / 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: Opal Polyurethane Resin	
<b>CCT</b>	2700K, 3150K, 4300K, 5250K (204 LED / 3.28') Warm White on request: 2000K, 2400K, 2700K	
<b>CRI</b>	85	
<b>Delivered Lumens</b>	385 lm / 3.28' (2700K) 470 lm / 3.28' (3150K)	415 lm / 3.28' (4300K) 405 lm / 3.28' (5250K)
<b>Efficacy</b>	35 lm/W (2700K) 42.7 lm/W (3150K)	37.7 lm/W (4300K) 36.8 lm/W (5250K)
<b>Optics</b>	120°	
<b>Fixture Dimensions</b>	0.43" w x 0.39" h x Various Lengths	
<b>Bend Radius</b>	3.94" - Horizontal	
<b>LED Source</b>	SMD 3014	
<b>LED Spacing</b>	204 LED per 3.28 ft (1 m), 0.20" 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



SIDE LIGHT

**NOT CUTTABLE IN THE FIELD**

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

## ORDERING INFORMATION

Example: LL10M-N.24.68.DS.X.US. Power Supplies / Accessories ordered separately.

LL10M	-		.	24	.		.	DS	.		.	US
<b>Model No.</b>	<b>CCT</b>			<b>Power</b>		<b>IP Rating</b>		<b>Cable Exit</b>				<b>US</b>
LL10M - 204 LED / 3.28' (1 m)	V - 2700K	Warm White		24 - 24VDC		65 - IP65		DS - Side Light		X - End Feed		US
<div style="border: 1px solid red; padding: 5px;"> <p><b>NOTE:</b> Available in lengths up to 75 feet. Please specify length when ordering.</p> </div>	W - 3150K	On Request				68 - IP68		Y - Side Feed		Z - Back Feed		
	N - 4300K	V8 - 2000K										
	C - 5250K	V2 - 2400K										
		V5 - 2700K										

Job Name/Date:

Fixture Type Designation:

# MIDI LINE - Side Light LL10

## 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 0%)	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-6
<a href="#">FPV-100000024</a>	Non-Dim	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-7
<a href="#">FPV-100100024</a>	0-10V Dimming (2 Channels)	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-14

## DRIVERS IN NEMA ENCLOSURE - **FOR INDOOR/OUTDOOR USE ONLY**

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



PPLT00715

Part Number	Description	Input/Output	# of Fixtures
<a href="#">PPLT00715</a>	ELV / TRIAC / 0-10V Dimming to 0.1%	120-277VAC to 24VDC, 96W, Class 2, WET/DAMP	1-6

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

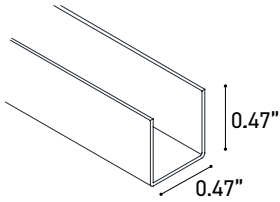
Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
<a href="#">PPLT00273</a>	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 24VDC, 40W, Class 2	1-2
<a href="#">PPLT00530</a>	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1%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

For other power supply options consult factory.

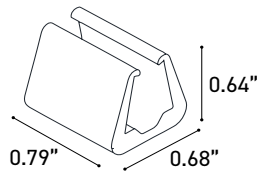
Job Name/Date:

Fixture Type Designation:

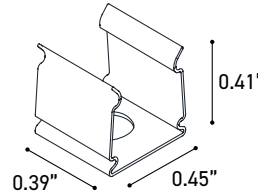
## ACCESSORIES - Installation



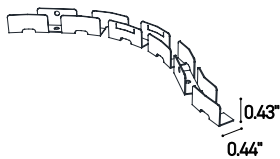
**PRO-AL-10x11-AL**  
Rigid Aluminum Outercase  
L=9.84'



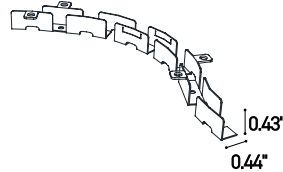
**CLIP-S-8x9.5.F/W**  
Silicone Clip



**CLIP-AC-9.5x6.5-AC**  
Harmonic Steel Clip

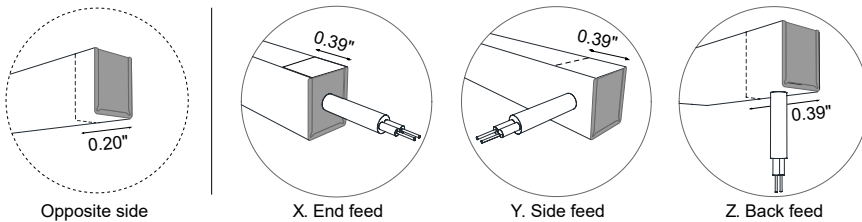


**SNK-AC-10x11-AC**  
Flexible Steel Profile  
L=3.28'



**SNK2-AC-10x11-AC**  
Flexible Steel Profile for  
Plasterboard L = 3.28'

## POWER CABLE EXIT/AREA WITH REDUCED LIGHT



Job Name/Date:

Fixture Type Designation:

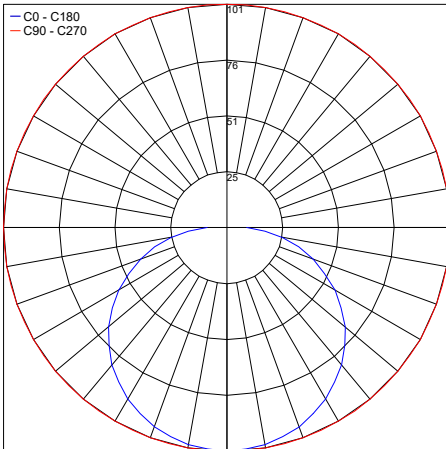
# MIDI LINE - Side Light LL10

## PHOTOMETRIC DATA

### 2700K

Maximum Candela = 101.3

— C0 - C180  
— C90 - C270

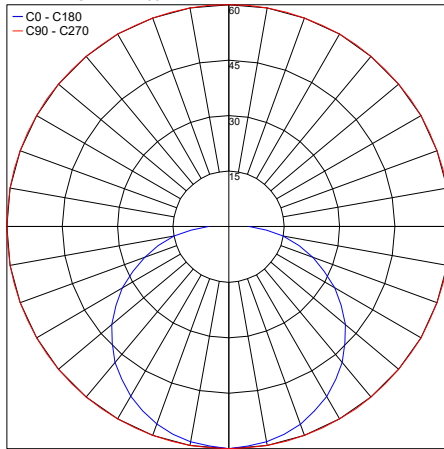


PHOTOMETRIC FILENAME : MIDI LINE SIDE LIGHT LL10 2700K - LL10.SVF24-6568.DS.IES

### 3150K

Maximum Candela = 59.7

— C0 - C180  
— C90 - C270

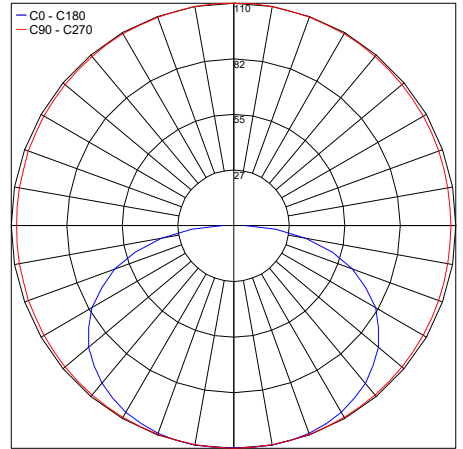


PHOTOMETRIC FILENAME : MIDI LINE SIDE LIGHT LL10 3150K - LL10.SWF24-6568.DS.IES

### 4300K

Maximum Candela = 109.7

— C0 - C180  
— C90 - C270

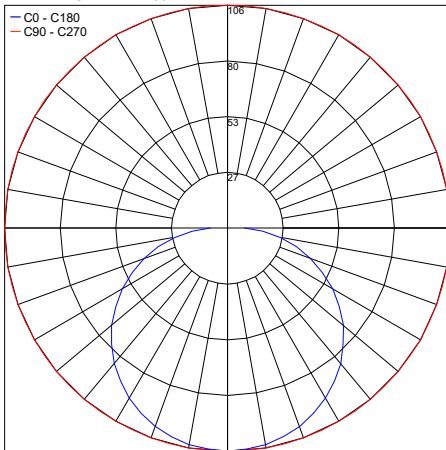


PHOTOMETRIC FILENAME : MIDI LINE SIDE LIGHT LL10 4300K - LL10.SNF24-6568.DS.IES

### 5250K

Maximum Candela = 106.1

— C0 - C180  
— C90 - C270



PHOTOMETRIC FILENAME : MIDI LINE SIDE LIGHT LL10 5250K - LL10.SCF24-6568.DS.IES

Job Name/Date:

Fixture Type Designation: