

MIDI LINE - Side Light LL10

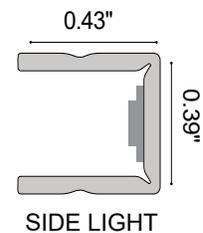
MIDI LINE is an easy to install, bendable LED strip that is IP65/IP68-rated making it ideal for swimming pools or fountains for panel installation in reinforced concrete with tiles or pool liner or indoor/outdoor areas. It is available in Side, Top or Total Light with static white, tunable white or RGB. 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

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	
CCT	2700K, 3150K, 4300K, 5250K (204 LED / 3.28') Warm White on request: 2000K, 2400K, 2700K	
CRI	85	
Delivered Lumens	385 lm / 3.28' (2700K) 470 lm / 3.28' (3150K)	415 lm / 3.28' (4300K) 405 lm / 3.28' (5250K)
Efficacy	35 lm/W (2700K) 42.7 lm/W (3150K)	37.7 lm/W (4300K) 36.8 lm/W (5250K)
Optics	120°	
Fixture Dimensions	0.43" w x 0.39" h x Various Lengths	
Bend Radius	3.94" - Horizontal	
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	

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

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
FPV-100110024	ELV / TRIAC & 0-10V Dimming (100 to 0%)	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-6
FPV-100000024	Non-Dim	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-7
FPV-100100024	0-10V Dimming (2 Channels)	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-14

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	1-6

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

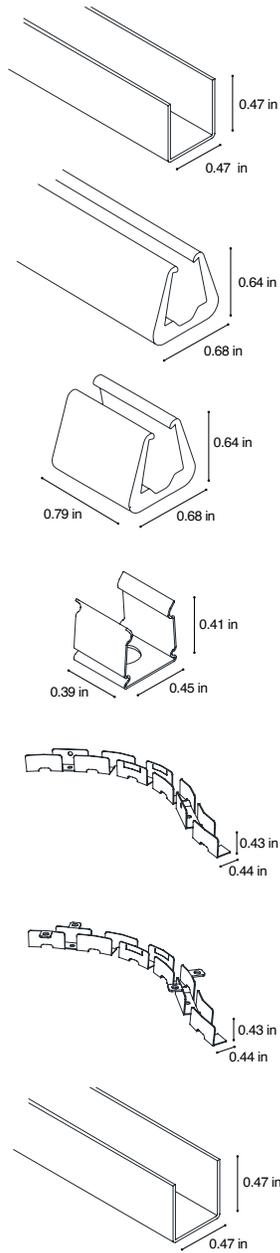
For other power supply options consult factory.

Job Name/Date:

Fixture Type Designation:

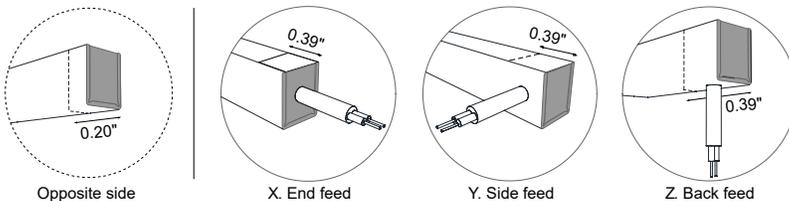
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ACCESSORIES - Installation / Mounting



Code	Finishing	Description
PRO-AL-10x11-AL	Aluminum	Rigid guide L max 9.84 ft
OUT-S-10x11.W OUT-S-10x11.F	White Opal	Silicone profile
CLIP-S-10x11.W CLIP-S-10x11.F	White Opal	Silicone clip
CLIP-AC-9.5x6.5-AC	AISI 304 harmonic steel	Steel clip
SNK-AC-10x11-AC	AISI 316 harmonic steel	Flexible profile L max 3.28 ft
SNK2-AC-10x11-AC	AISI 316 harmonic steel	Flexible profile for false ceiling L max 3.28 ft
PRO-AC-10x11-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:

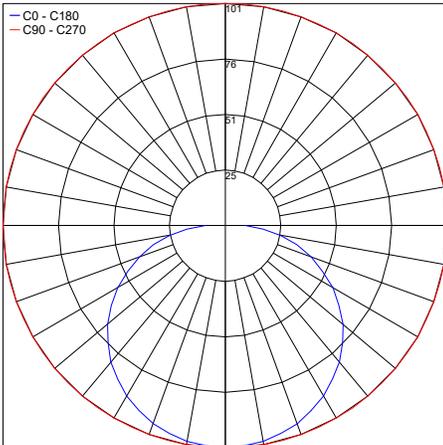
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PHOTOMETRIC DATA

2700K

Maximum Candela = 101.3

— C0 - C180
— C90 - C270

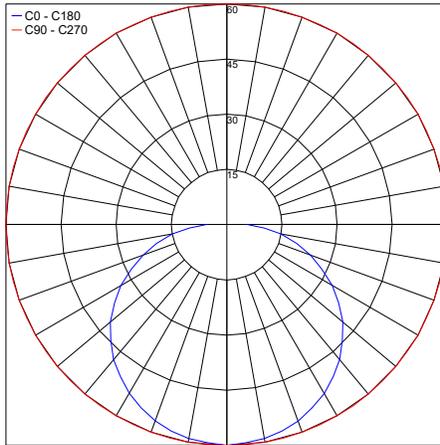


PHOTOMETRIC FILENAME : MIDI LINE SIDE LIGHT LL10 2700K - LL10.SVF24-6568.DS.IES

3150K

Maximum Candela = 59.7

— C0 - C180
— C90 - C270

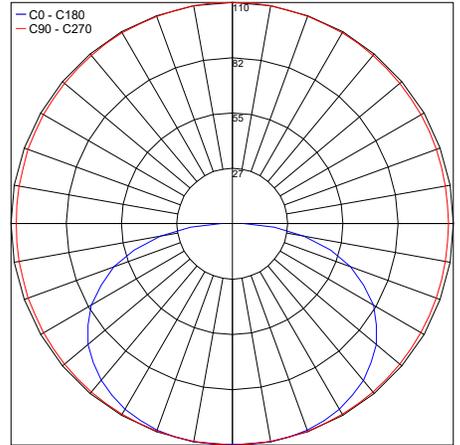


PHOTOMETRIC FILENAME : MIDI LINE SIDE LIGHT LL10 3150K - LL10.SWF24-6568.DS.IES

4300K

Maximum Candela = 109.7

— C0 - C180
— C90 - C270

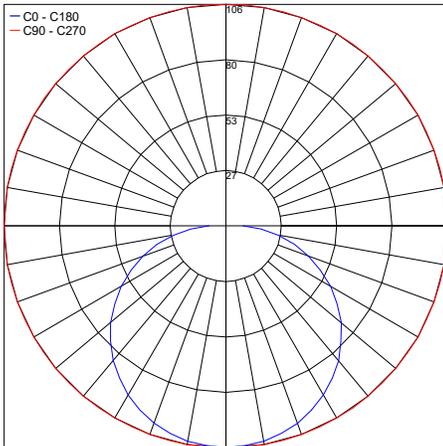


PHOTOMETRIC FILENAME : MIDI LINE SIDE LIGHT LL10 4300K - LL10.SNF24-6568.DS.IES

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: