

MIDI LINE - Total Light LL10

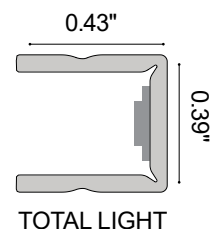
MIDI LINE is an easy to install, bendable LED strip that is IP65/IP68-rated making it ideal for swimming pools or fountains for panel installation in reinforced concrete with tiles or pool liner or indoor/outdoor areas. It is available in Side, Top or Total Light with static white, tunable white or RGB. 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	2900K, 3250K, 4650K, 5600K (204 LED / 3.28') Warm White on request: 2000K, 2400K, 2700K	
CRI	85	
Delivered Lumens	685 lm / 3.28' (2900K) 680 lm / 3.28' (3250K)	750 lm / 3.28' (4650K) 685 lm / 3.28' (5600K)
Efficacy	62.3 lm/W (2900K) 61.8 lm/W (3250K)	68.2 lm/W (4650K) 62.3 lm/W (5600K)
Optics	120°	
Fixture Dimensions	0.43" w x 0.39" h x Various Lengths	
Bend Radius	3.94" - Vertical	
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



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.MG.X.US. Power Supplies / Accessories ordered separately.

LL10M	-		.	24	.		.	MG	.		.	US
Model No.	CCT		Power		IP Rating			Cable Exit				
LL10M - 204 LED / 3.28' (1 m)	V - 2900K	Warm White	24 - 24VDC		65 - IP65		MG - Total Light	X - End Feed	US			
NOTE: Available in lengths up to 75 feet. Please specify length when ordering.	W - 3250K	On Request			68 - IP68			Y - Side Feed				
	N - 4650K	V8 - 2000K						Z - Back Feed				
	C - 5600K	V2 - 2400K										
		V5 - 2700K										

Job Name/Date:

Fixture Type Designation:

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**

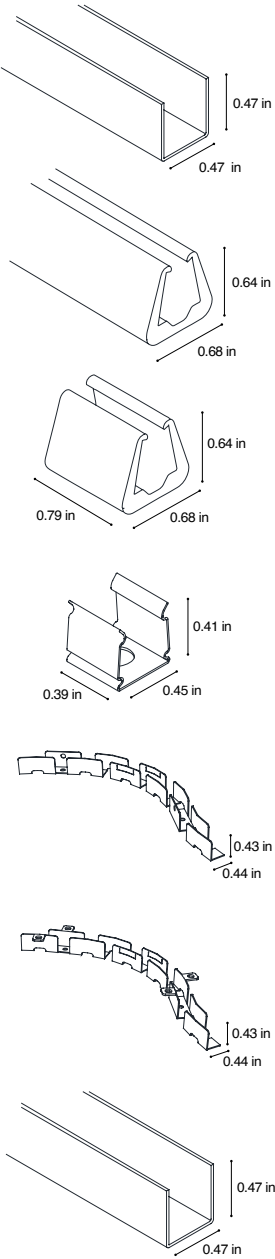
Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00273	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 24VDC, 40W, Class 2	1-2
PPLT00530	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to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

For other power supply options consult factory.

Job Name/Date:

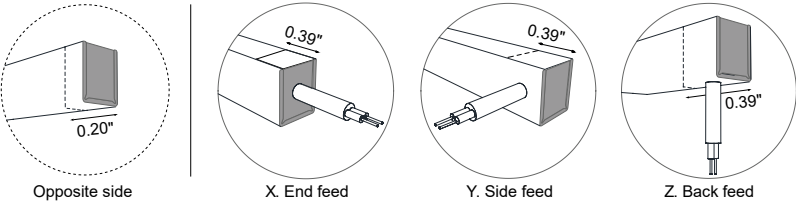
Fixture Type Designation:

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:

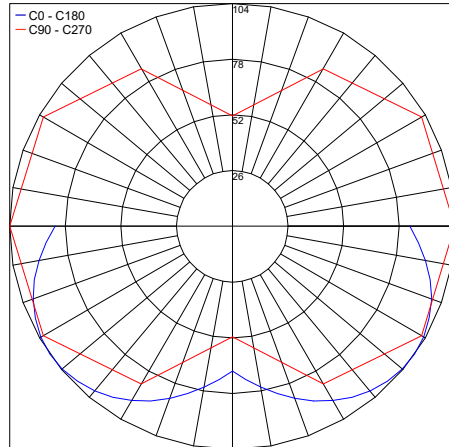
Fixture Type Designation:

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PHOTOMETRIC DATA

2000K

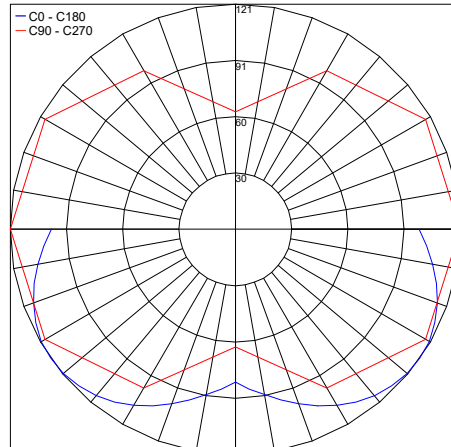
Maximum Candela = 104.1



PHOTOMETRIC FILENAME : MIDI LINE TOTAL LIGHT LL10 2000K - LL10-V8.24.68.MG.IES

2400K

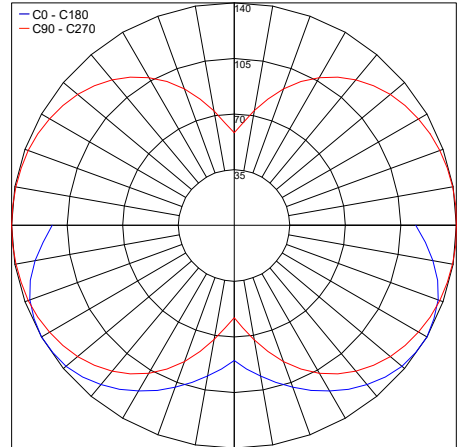
Maximum Candela = 120.8



PHOTOMETRIC FILENAME : MIDI LINE TOTAL LIGHT LL10 2400K - LL10-V2.24.68.MG.IES

2900K

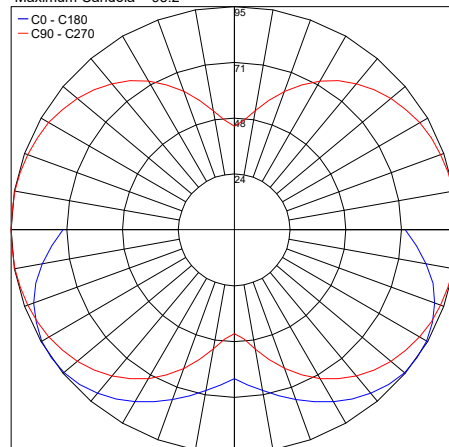
Maximum Candela = 140.3



PHOTOMETRIC FILENAME : MIDI LINE TOTAL LIGHT LL10 2900K - LL10-SVF24-6568.MG.IES

3250K

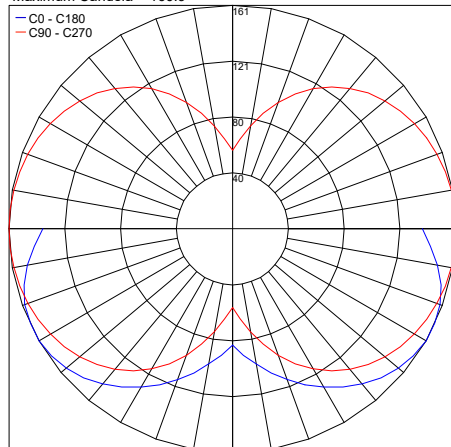
Maximum Candela = 95.2



PHOTOMETRIC FILENAME : MIDI LINE TOTAL LIGHT LL10 3250K - LL10-SWF24-6568.MG.IES

4650K

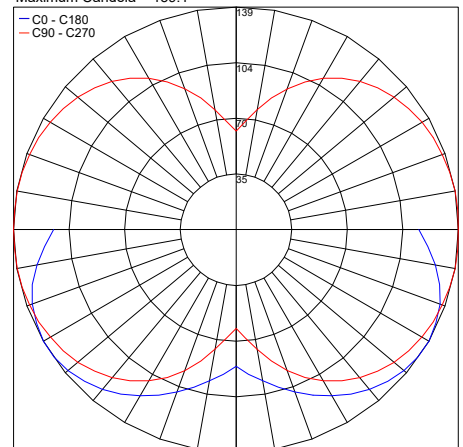
Maximum Candela = 160.9



PHOTOMETRIC FILENAME : MIDI LINE TOTAL LIGHT LL10 4650K - LL10-SNF24-6568.MG.IES

5600K

Maximum Candela = 139.1



PHOTOMETRIC FILENAME : MIDI LINE TOTAL LIGHT LL10 5600K - LL10-SCF24-6568.MG.IES

Job Name/Date:

Fixture Type Designation: