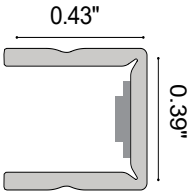
MIDI LINE - Side Light LL10

datasheet

MIDI LINE is an easy to install, horizontal, 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.**

UL 676

Fixture Dimensions



SIDE LIGHT

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	
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.DS.US. Power Supplies / Accessories ordered separately.

LL10	-		.	24	.		.	DS	.	US

Model No.	CCT		Power	IP Rating		
LL10 - 204 LED / 3.28' (1 m)	**V** - 2700K	*Warm White On Request*	**24** - 24VDC	**65** - IP65	**DS**	**US**
	W - 3150K	**V8** - 2000K		**68** - IP68		
	N - 4300K	**V2** - 2400K				
	C - 5250K	**V5** - 2700K				

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

MIDI LINE - Side Light LL10

datasheet

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

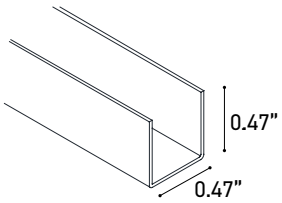
Part Number	Description	Input/Output	# of Fixtures
PPLT00690	ELV / TRIAC & 0-10V Dimming	120-277VAC to 24VDC, 40W, Class 2, IP67	1-2
PPLT00543	0-10V Dimming to 15% (-40°C / -40°F cold weather start)	120-277VAC to 24VDC, 100W, Class 2	1-7

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

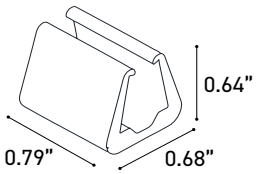
Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00273	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 24VDC, 40W, Class 2	1-2
PPLT00530	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to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

For other power supply options consult factory.

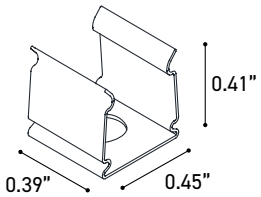
ACCESSORIES - Installation



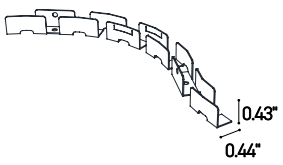
PRO-AL-10x11-AL
Rigid Aluminum Outercase
L=9.84'



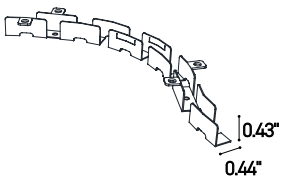
CLIP-S-8x9.5.F/W
Sylicone Clip



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'

Job Name/Date:

Fixture Type Designation:

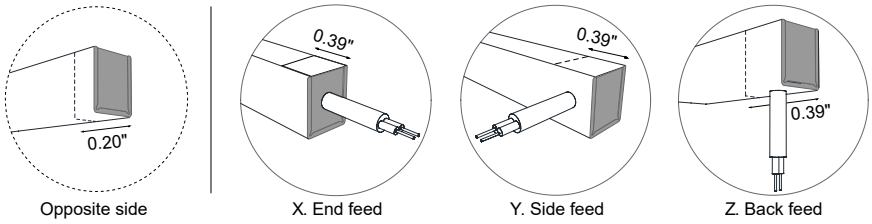
sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825
© Copyright 2024 Designplan Lighting, Inc.
Published: January 27, 2025
P: 908-996-7710
F: 908-996-7042

MIDI LINE - Side Light LL10

datasheet

POWER CABLE EXIT/AREA WITH REDUCED LIGHT

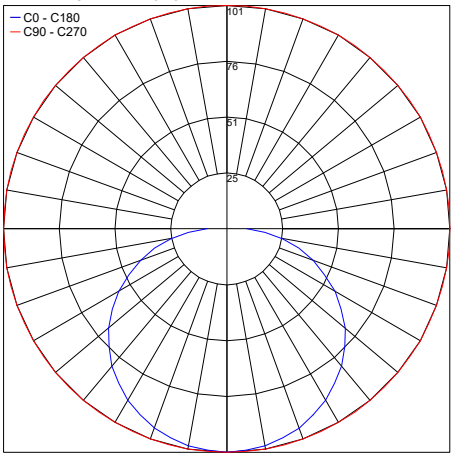


Opposite side | X. End feed | Y. Side feed | Z. Back feed

PHOTOMETRIC DATA

2700K

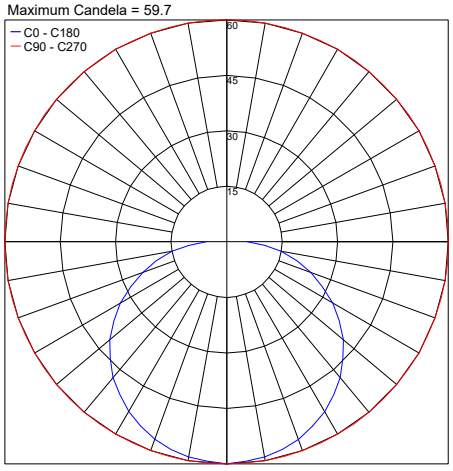
Maximum Candela = 101.3



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

3150K

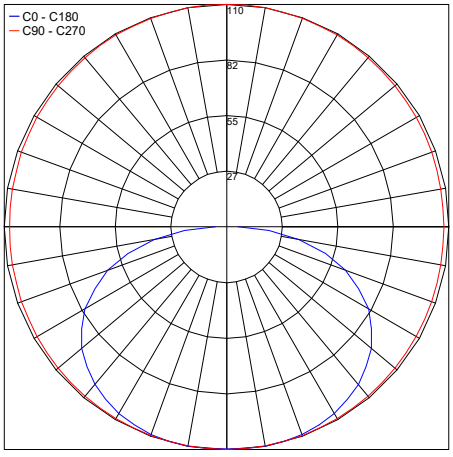
Maximum Candela = 59.7



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

4300K

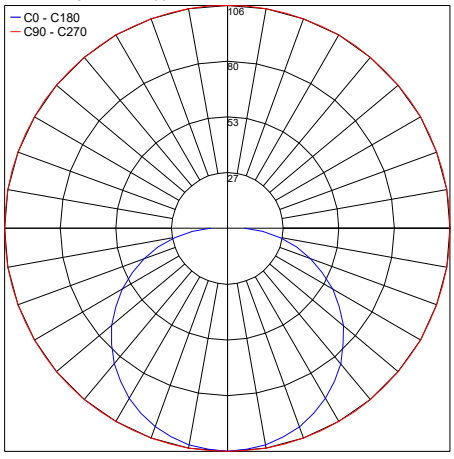
Maximum Candela = 109.7



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

5250K

Maximum Candela = 106.1



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