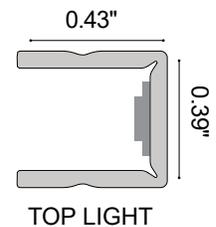# MIDI LINE - Top Light LLTW2

designplan®

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.**

UL 676

TECHNICAL DATA

Wattage	12W / 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-5600K (120+120 LED / 3.28')
CRI	85
Delivered Lumens	680 lm / 3.28'
Efficacy	56.7 lm/W
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	120+120 LED per 3.28 ft (1 m), 0.17" 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

0.43"

0.39"

TOP LIGHT

NOT CUTTABLE IN THE FIELD

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

ORDERING INFORMATION

Example: LLTW2M-24.68.MD.X.US. Power Supplies / Accessories ordered separately.

LLTW2M	- 24	.	. MD	.	. US
Model No.	**Power**	**IP Rating**		**Cable Exit**	
LLTW2M - 120+120 LED / 3.28' (1 m)	**24** - 24VDC	**65** - IP65 **68** - IP68	**MD** - Top Light	**X** - End Feed **Y** - Side Feed **Z** - Back Feed	**US**
NOTE: Available in lengths up to 75 feet. Please specify length when ordering.					

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-100000024	Non-Dim	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-6
FPV-100100024	0-10V Dimming (2 Channels)	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-12
FPV-100EL0024	DMX / RDM (Field Addressable) / DALI (4 Channels)	120-277VAC to 24VDC, 100W, Class 2, IP66, NEMA 4X	1-4

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

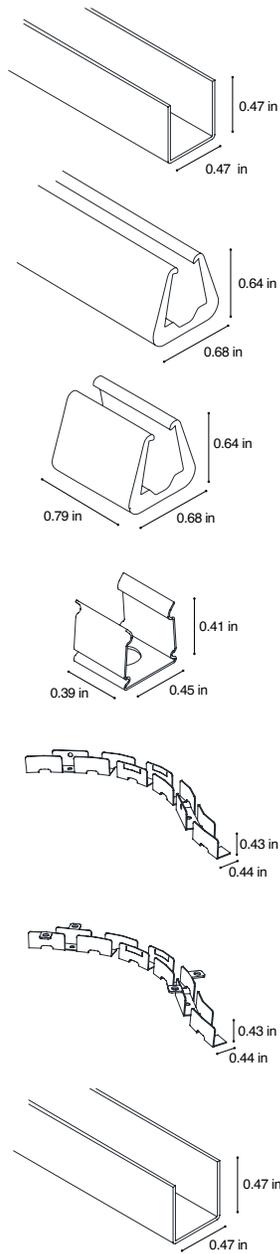### Suggested Lutron Compatible - FOR INDOOR/OUTDOOR USE ONLY

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.
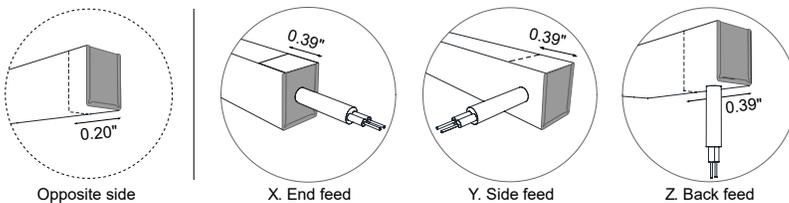
Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

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P: 908-996-7710
F: 908-996-7042
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MIDI LINE - Top Light LLTW2

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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

0.47 in, 0.47 in

0.64 in, 0.68 in

0.64 in, 0.79 in, 0.68 in

0.41 in, 0.39 in, 0.45 in

0.43 in, 0.44 in

0.43 in, 0.44 in

0.47 in, 0.47 in

POWER CABLE EXIT / AREA WITH REDUCED LIGHT

0.20"

Opposite side

0.39"

X. End feed

0.39"

Y. Side feed

0.39"

Z. Back feed

Job Name/Date:

Fixture Type Designation: