

# MIDI LINE - Top Light LLRGB4 / RGB4W



datasheet

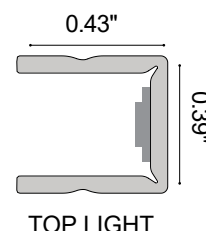
MIDI LINE is an easy to install, bendable LED strip that is IP65/IP68-rated making it ideal for swimming pools or fountains for panel installation in reinforced concrete with tiles or pool liner or indoor/outdoor areas. It is available in Side, Top or Total Light with static white, tunable white or RGB. 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>            | 15W / 3.28 ft (1 m)<br>18W / 3.28 ft (1 m) ( <i>Consult Factory for Power</i> )                               |
| <b>Power Supply</b>       | Remote Fountain/Pool Approved 24VDC Power Supply, not included. See page 2.                                   |
| <b>Construction</b>       | Body: Polyurethane Resin<br>Outercase: White, Black, or RAL Color PVC                                         |
| <b>CCT</b>                | RGB, RGBW                                                                                                     |
| <b>CRI</b>                | 80                                                                                                            |
| <b>Delivered Lumens</b>   | RGB: 230 lm / 3.3' total - (R) 65 lm, (G) 160, (B) 30<br>RGBW: 430 lm / 3.3' total - same with (W) 220-225 lm |
| <b>Efficacy</b>           | 15.3 lm/W (RGB)<br>23.9 lm/W (RGBW)                                                                           |
| <b>Optics</b>             | 120°                                                                                                          |
| <b>Fixture Dimensions</b> | 0.43" w x 0.39" h x Various Lengths                                                                           |
| <b>Bend Radius</b>        | 3.94" - Vertical                                                                                              |
| <b>LED Source</b>         | SMD 5050                                                                                                      |
| <b>LED Spacing</b>        | 96 LED per 3.28 ft (1 m), 0.43" between LEDs                                                                  |
| <b>Lumen Maintenance</b>  | L80/B10>50,000 hrs                                                                                            |
| <b>Color Consistency</b>  | 3-Step MacAdam                                                                                                |
| <b>Operating Temp.</b>    | -22°F to 131°F                                                                                                |
| <b>IP Rating</b>          | 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: LLRGB4M-24.68.MD.X.US Power Supplies / Accessories ordered separately.

|                                                                                               |            |    |                        |  |                |    |                                                |  |    |    |
|-----------------------------------------------------------------------------------------------|------------|----|------------------------|--|----------------|----|------------------------------------------------|--|----|----|
| LLRGB4M                                                                                       | -          | 24 | .                      |  | .              | MD | .                                              |  | .  | US |
| Model No.                                                                                     | Power      |    | IP Rating              |  |                |    | Cable Exit                                     |  |    |    |
| LLRGB4M - 120 LED / 3.28' (1 m)                                                               | 24 - 24VDC |    | 65 - IP65<br>68 - IP68 |  | MD - Top Light |    | X - End Feed<br>Y - Side Feed<br>Z - Back Feed |  | US |    |
| <div>NOTE: Available in lengths up to 75 feet.<br/>Please specify length when ordering.</div> |            |    |                        |  |                |    |                                                |  |    |    |
| LLRGB4WM-W (RGBW = 3000K)<br>LLRGB4WM-N (RGBW = 4000K)                                        |            |    |                        |  |                |    |                                                |  |    |    |

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES

24VDC - **TO BE USED WITH FOUNTAIN / SWIMMING POOLS**

| Part Number                   | Description                                 | Input/Output                               | # of Fixtures |
|-------------------------------|---------------------------------------------|--------------------------------------------|---------------|
| <a href="#">FPV-100EL0024</a> | DMX/RDM(Field Addressable)/Dali, 4 Channels | 120-277VAC to 24VDC, 100W, Class 2, NEMA 4 | 1-5           |

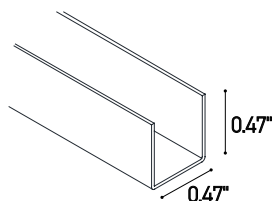
## SUGGESTED POWER SUPPLIES

24VDC - **TO BE USE FOR INDOOR/OUTDOOR USE - NOT** Fountain / Swimming Pool

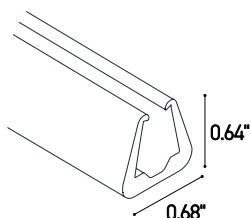
| Part Number                   | Description                                 | Input/Output                            | # of Fixtures |
|-------------------------------|---------------------------------------------|-----------------------------------------|---------------|
| <a href="#">PPLT00288-P24</a> | DMX/RDM(Field Addressable)/Dali, 4 Channels | 120-277VAC to 24VDC, 100W, Class 2, DRY | 1-5           |

For other power supply options consult factory.

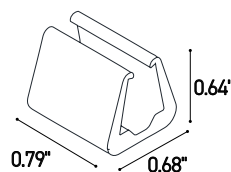
## ACCESSORIES - Installation



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



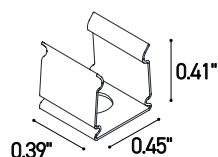
**OUT-S-10x11.F/W**  
Flexible Silicone Outercase  
Max L=32.81'



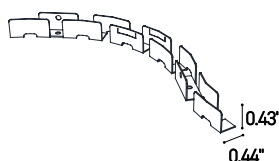
**CLIP-S-10x11.F/W**  
Silicone Clip



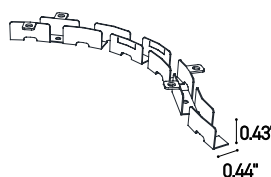
**PRO-AC-10x11-AC**  
Rigid Stainless Steel  
Outercase  
L=8.20'



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

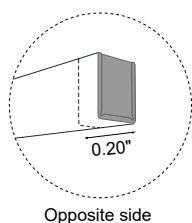


**SNK-AC-10x11-AC**  
Flexible Steel Profile  
L=3.28'

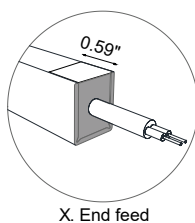


**SNK2-AC-10x11-AC**  
Flexible Steel Profile for  
Plasterboard L = 3.28'

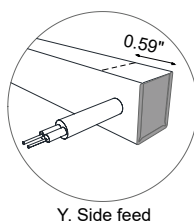
## POWER CABLE EXIT/AREA WITH REDUCED LIGHT



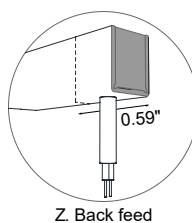
Opposite side



X. End feed



Y. Side feed



Z. Back feed

Job Name/Date:

Fixture Type Designation: