

# DLS10X1 Series

## Monochromatic Dimmable LED Light Strips (& fixture accessories)

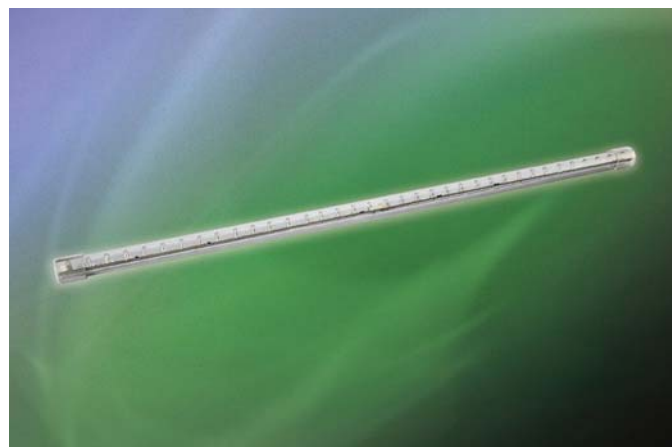
Capable of smooth fades previously offered only in color changing strips

The DLS10X1 Series uses our proven MOSFET technology and can be controlled by Boca's Intelligent Master Control System (IMCS) fitted with a dimmable light strip distribution card. They offer seamless LED configuration, bright intensity and vibrant monochromatic color. Availability in multiple strip lengths, they work perfectly in most any cove application.

### Technical Specifications

(For single row 12" strip\* (std. in red, amber, green, blue, white – 3K, 5K, 8K)

Input Voltage.....	24VDC or 24VRAC
Input Current (std. colors) .....	100mA/Ft.
Maximum Number of 1' Strips per Power Run .....	25
Number of LEDs per foot .....	18
Connector Power Rating .....	4A
LED type T1 3/4 (5mm) .....	AllInGaP (Red, Amber) ... InGaN (Blue, Green, White)
LED Spacing .....	0.62"
PCB Lengths (red, amber) .....	4", 8", 12"
PCB Lengths (blue, green, white).....	6", 8", 12"
PCB Width.....	0.62"
PCB Thickness .....	0.062"
Connector Wiring Gauge.....	#22 AWG Stranded
Connector .....	JST 5 Pin Locking ....Header (Male #B5B-XH-A, Female #XHP-5)
Connector Pins .....	JST Crimp Terminal
Maximum Fused or Current foldback / Power Run .....	5A
Boca Solid State Fuse & Distribution PCB.....	LSDST33-24X
Power Supply, Switching.....	SP-150-24, SP-320-24, .... SP-500-24 (see tech sheets or contact Boca)
Cables (custom cable lengths also available).....	1', 5', 10', 15', 35', 45'
<i>Accessories - Right Angles, End Cap, End Caps With Windows, Connectors, Polycarbonate Tubing</i>	
*Product equals exactly 12" when connected with another strip.	



### Key Features

- Dimmable and capable of smooth fades
- Ideal for long runs (snap & plug together design) leaves no dark gaps
- Selective quality controls (LED vendor, binning) to ensure bright, long lasting performance
- Factory will fabricate as a fire-rated polycarbonate tube fixture (dry or damp/wet rated)
- Custom colors and special order options

### Installation Considerations

- Easy integration as a polycarbonate tube fixture
- Specify strips & components for custom installations
- Boca solid state fuse, distribution PCB for ease of cabling using external 24V power supply
- See Boca power supplies tech sheets or consult Boca
- Control using Boca's IMCS patented control technology
- Contact Boca for tips on custom installations

### Applications

- Alcove lighting
- Back lighting, down lighting, up lighting, or front lighting
- Glass edge, shelf, display case
- Signage
- Other decorative lighting

### Additional information & details at [www.bocaflasher.com](http://www.bocaflasher.com)

The most current information, including data sheets, schematics, product integration sheets, power & control information, and additional information on cables, accessories, and more are on the Boca website. For specific requirements, contact your Boca sales representative.