

LS10XX Series

Monochromatic LED Light Strips

(& fixture accessories)

Single or Dual Row, Snap-together 12" or 6" Strips

These single and dual row, multi-purpose monochromatic LED light strips feature even LED spacing and end-to-end, snap & plug together design. They create a smooth, even wash of light and leave no dark gaps between runs. They offer bright intensity and vibrant, homogenous color hues.

Technical Specifications

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| 12" Models (LS1001 single, LS1002 dual row), 6" models (LS1061 or LS1062) | |
| Input Voltage..... | 24VDC |
| Input Current..... | 100mA – LS1001,200mA – LS1002 |
| Maximum Feet per Power Run | 26 (LS10x1), 20 (LS10x2) |
| Number of LEDs per foot | 18, 36 |
| Connector Power Rating | 4A |
| LED type T1 3/4 (5mm) | AllInGaP (Red, Amber) InGaN (Blue, Green, White) |
| LED Spacing | 0.70" |
| PCB Length..... | 12.53" *, 6.25" * |
| PCB Width..... | 0.62" |
| PCB Thickness | 0.062" |
| Connector Wiring Gauge..... | #22 AWG Stranded |
| Connector | JST 5 Pin Header ...(Male #B5B-XH-A, Female #XHP-5) |
| Connector Pins | JST Crimp Terminal (#SXH-001T-P0.6) |
| Maximum Fused or Current foldback / Power Run | 5A |
| Boca Solid State Fuse & Distribution PCB..... | BFPS-0001 |
| 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', 50', 100' |
| <i>Accessories - Right Angles, End Cap, End Caps With Windows, Clips, Couplers, Polycarbonate Tubing</i> | |
| <i>*Custom availability in 11.95" and 5.95" for exact 12" and 6" lengths when connected end-to-end.</i> | |



Key Features

- 6" or 12" strips in single row or dual versions
- 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
- Contact Boca for tips on custom installations

Applications

- Alcove lighting
- Display lighting
- Signage
- Other decorative lighting
- Numerous common and custom lighting applications that do not demand color changing or dimmable illumination

Additional information & details at 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.