

# LSS30XX Series

## Wide Beam Monochromatic LED Light Strips (& fixture accessories)

**Small profile system, SMD LEDs with 120° primary optics – ideal for coves or replaces neon lights**

The LSS Series offers distinct advantage over neon and bulb-based lighting systems (long life/100,000 hours, replacement time/costs, unsightly gaps burnt out bulbs). Their snap & plug together design and small profile make them ideal for bright, continuous illumination even in tight spaces.

### Technical Specifications

For LLS3001 model 12" strips (also available as 6" strips – LLS3061)	
Input Voltage.....	12VDC, 24VDC, 12VRAC, 24VRAC
Input Power .....	model dependent
Maximum Feet per Power Run .....	27
LED type SMT .....	AllInGaP (Red, Orange, Amber) InGaN (Blue, Green, White)
LED Spacing .....	0.40"
PCB Length.....	11.95"
PCB Width.....	0.62"
PCB Thickness .....	0.062"
Connector Power Rating .....	4A
Connector Wiring Gauge.....	#18 AWG Stranded
Connector .....	IDC SMT
Maximum Fused or Current foldback / Power Run .....	5A
Boca Solid State Fuse & Distribution PCB.....	BFPS-0001
Power Supply, Switching.....	SP-150, SP-320, SP-500,
	.....(see tech sheets or contact Boca)
Cables (custom cable lengths also available).....	1', 5', 10', 50', 100'
<i>Accessories - Right Angles, Termination End Caps, In-line End Caps, Clips, Couplers, Polycarbonate Tubing*</i>	

\* Clear or opal coating polycarbonate tubing - available in custom lengths.

### 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.



### Key Features

- SMT LEDs that ensure bright, long lasting performance
- Small profile (less than 0.3" high) and either 6" or 12" strip sizes
- Ideal for long runs (snap & plug together design) leaves no dark gaps
- Clear or translucent Boca opal-coated tubing (for neon replacement or diffused lighting)
- 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

- Signage & neon replacement
- Alcove lighting
- Direct view lighting
- Other decorative lighting