

SMX006

Monochromatic LED Modules

Low voltage, tiny (1" x 1"), signage / multi-use modules

Boca's SMX006 LED modules are bright, very tiny and energy efficient – an ideal maintenance-free, alternative to neon and florescent lighting. In addition to signage, their small footprint, performance attributes and simple integration allow them to be used in a wide range of low voltage applications.



Technical Specifications

Standard* in Red, Orange, Amber, Blue, Green, White – 3K, 5K, 8K	
Input Voltage.....	12VDC (24VDC on request)
Average Input Power / Module.....	0.84W (red, orange, amber) ...0.60W (green, blue, white)
LED Configuration.....	High Brightness 6 LED Array
LED type T1 3/4 (5mm)	AllInGaP (Red, Amber) InGaN (Blue, Green, White)
Optics.....	35° Beam Angle**
# of Modules per Fused Power Run	100 (12VDC), 200 (24VDC)
Connector	2 Pin TKP IDC Female
Connector Wiring Gauge.....	1#24 - #18 AWG
Standard BF-SMCAB-50 Cable***.....	50' with SMX006 plugs 3" apart

*Custom color combinations 3 + 3 – special order
 ** 120° primary or secondary optics – special order
 ***Additional/custom cable/interconnection options available

Key Features & Options

- Ideal maintenance-free alternative to neon and fluorescent lighting
- Very low average input power per module
- Long life – up to 100,000 hours
- Boca stocks power supplies & additional components
- Sandblasted LEDs, conformal coating, addl. options

Installation Considerations

- No special tools are required for installation
- Easy mounting system and plug-in cabling
- Cable available with plug every 3" for even spread
- See Boca switching power supplies technical sheets
- Contact Boca for tips on custom installations

Applications

- Face-lit and reverse-lit channel letters
- Halo letters and shadow lighting
- Light boxes / sign cabinets
- Menu boards and edge-lit signs/areas
- Narrow & shallow coves – modules can be arranged together for wash effect
- Specific area illumination in tight spaces
- Numerous other decorative and accent effects

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.