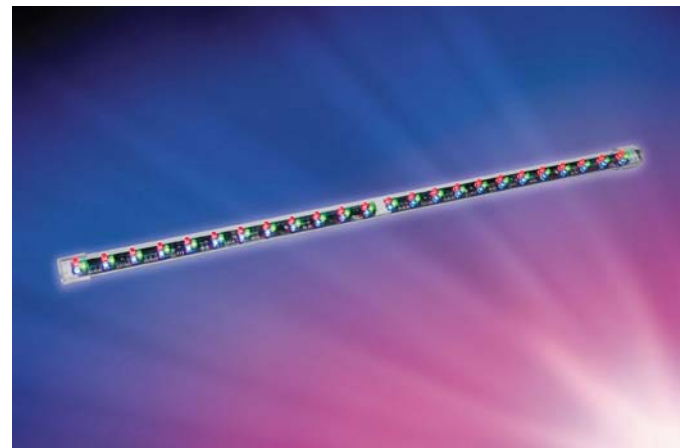


CCS100 Series Color Changing LED Light Strips (*& fixture accessories*)

RGB LED Triads or Color Temperature mixing WWA

Boca LED lighting strips are used in many decorative lighting applications. Boca offers both color changing red/green/blue (RGB) LED strips and white/white/amber (WWA) LED strips for color temperature mixing. Polycarbonate tubing and accessories allow for exterior and interior use.



Technical Specifications

Input Voltage.....	24VDC
Input Current Per Color Max	65mA/Ft.
Input Current Max.....	200mA/Ft.
Maximum # of 12" (& 8") Strips / Power Run	10
Maximum # of 6" Strips / Power Run	20
Number of LEDs per foot	36
Modulation Input, Analog or FMA	0 - 5V
Modulation Input Impedance / Strip.....	100kOhm
Driver Type.....	Constant Current Power MOSFET
Connector Power Rating	2A
LED type T1 3/4 (5mm)	AllInGaP (<i>Red, Amber</i>) InGaN (<i>Blue, Green, White</i>)
LED Spacing, Per Triad	1.00"
PCB Length of CCS100x	11.93"
PCB Length of CCS106x	5.93"
PCB Width.....	0.625"
PCB Thickness	0.062"
Connector Wiring Gauge.....	#22 AWG Stranded
Connector	JST 5 Pin Locking Header
Connector Pins	JST Crimp Terminal
Maximum Fused or Current foldback / Power Run	3A
Cables (<i>custom cable lengths also available</i>).....	1', 5', 10', 50', & 100'

Accessories - Right Angles, End Cap, End Caps With Windows, Connectors, Polycarbonate Tubing

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.

Key Features

- Additive color/color temperature mixing (RGB/WWA) creates millions of varieties
- Seamless linear lighting for long runs (LED triads spaced 1.0 inch apart; snap & plug together strips) with no gaps in LED spacing
- 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)

Installation Considerations

- Boards: 12" CCS100x, 8" CCS108x, 6" CCS106x
- Mount in Boca's fire-rated polycarbonate tubing & accessories (also custom built per your needs)
- Cables: 1', 5', 10', 50', 100' (& custom) lengths
- Boca Drivers: Color Wash Controller (MiMiCO or Intelligent Master Control System (IMCS) – patented Boca control technology)
- Contact Boca for tips on custom installations

Applications

- Wide variety of color wash, accent and decorative lighting
- Architectural, entertainment, retail & display, signage, other uses & environments