

FIXTURE SPECIFICATIONS

INTENDED USE

The integrated color-changing, color tuning LED lightstrip has a 1-inch lens aperture width and is available in standard lengths of 2-foot, 4-foot, 6-foot, 8-foot and custom cuts. Our commercial-grade product with dimmable light via Android or iOS application or optional controls can be joined in seamless runs of any length. This 24-voltage lightstrip offers direct downlight secured in a military-grade, field-cutttable aluminum channel.

PRODUCT FAMILY

- 12100-10-P | Pendant
- 12100-10-S | Surface
- 12100-10-R | Recessed
- 12100-10-LR | Low-Profile Recessed
- 12100-10-PR | Perimeter Recessed
- 12100-10-PR-RGBW | Perimeter Recessed RGBW
- 12100-10-P-RGBW | Pendant RGBW

FEATURES

Construction: Durable military grade aluminum, field cuttable can be installed in any drywall thickness

LED Driver: Remote non-dimming transformer is provided home run required at every 16'

Color Temperature: RGB + W. White color temperature must be specified.

Beam Angle: 120°

Lens: Glare-free snap-in frosted acrylic for even distribution

Finish: Matte White

Voltage: 24V DC constant voltage

Wattage: 5.0 Watts/Foot

Lumens: Up to 238 lm/Ft. The Frosted Lens reduces lumen output by 18-20%

Dimming: Light is Dimmable via iOS/Android Application or Optional Controls

WiFi Controls (iOS/Android):

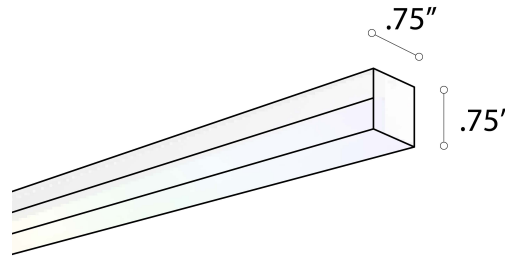
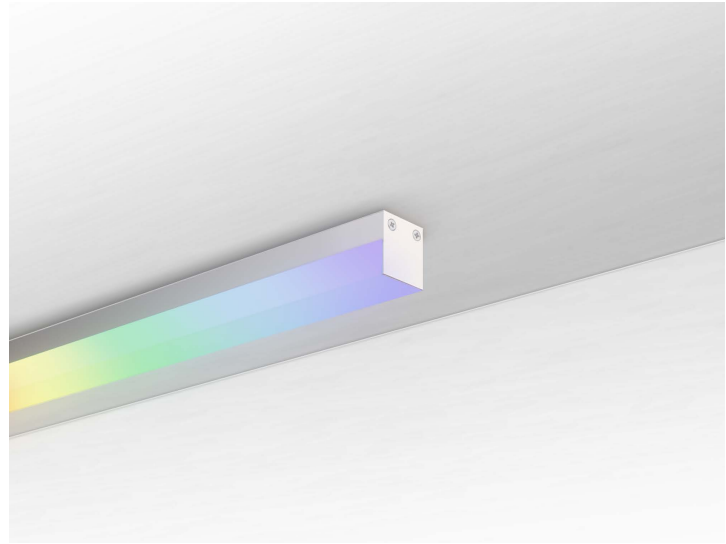
Mobile App: Easy Home Smart Home

DMX Wall App: WiFi 104

Life: 50,000 Hours

Warranty: 5 Years Carefree for Parts & Components (Labor Not Included)

Listings: cULus Listed, Title 24/JA8, IP54 Indoor (LED component only), Optional Wet Location IP65 (LED component only)



Alcon 12100-10-S-RGBW Linear LED Color-Tuning Surface Mount Light



ORDERING INFORMATION Example: (12100-10-S-RGBW27K-WH-DMX-WL)

Model	Length	Color Temp	Finish	Controls	Options
12100-10-S-RGBW	2F 2-Foot	RGBW27 RGB + W (2700K)	WH White	WF² WiFi Mobile App	WL Wet Location
	4F 4-Foot	RGBW30 RGB + W (3000K)	BK Black	RFC-WH RF Remote Control (White)	
	6F 6-Foot	RGBW40 RGB + W (4000K)	SL Silver	WCB-BK Wall Control + Bluetooth (Black)	
	8F 8-Foot			WCX-WH DMX Wall Control (White)	
	CU¹ Custom			WCX-BK DMX Wall Control (Black)	
				WCXI-WH DMX Wall Control + WiFi (White)	
			WCXI-BK DMX Wall Control + WiFi (Black)		

¹ Continuous runs over 8' ship as components for field assembly
² Mobile application control option requires a Decoder

RGBW CONTROLS



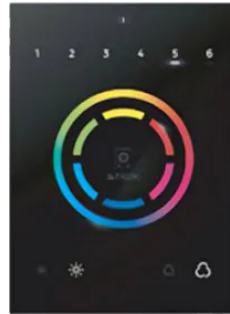
RF Remote Control
6.38" L x 1.65" W x 0.59" H



Mobile Application + WiFi



DMX Wall Control
5.20" L x 7.09" W x 1.38" H



DMX Wall Control + WiFi
5.75" L x 4.17" W x 0.43" H

WiFi-104



iOS + Android

Alcon 12100-10-S-RGBW Linear LED Color-Tuning Surface Mount Light

COLOR TEMPERATURE GUIDE

2700K	3000K	3500K	4000K	5000K
WARM WHITE	SOFT WHITE GLOW	NEUTRAL GLOW	DAYLIGHT GLOW	CRYSTAL WHITE GLOW
friendly personal intimate	soft warm pleasing	sociable inviting non-threatening	neat clean efficient	bright cool alert
HOMES LIBRARIES RESTAURANTS	HOMES HOTEL ROOMS LOBBIES RETAIL STORES	EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS	OFFICES CLASSROOMS MASS MERCHANTISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
✓	✓	✗	✓	✓

Alcon 12100-10-S-RGBW Linear LED Color-Tuning Surface Mount Light