

FIXTURE SPECIFICATIONS

INTENDED USE

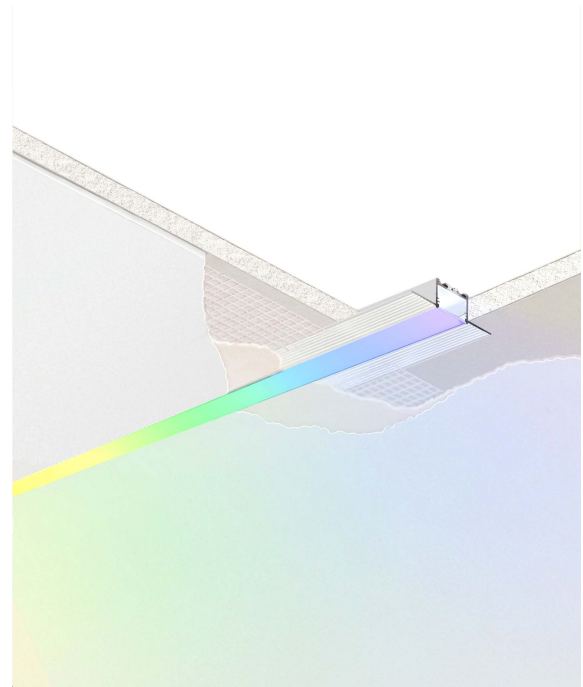
The integrated color-changing LED lightstrip has a 1-inch lens aperture width and is available in standard lengths of 2-foot, 4-foot, 6-foot, 8-foot and custom cuts. Our commercial-grade product with dimmable light via Android or iOS application or optional controls can be joined in seamless runs of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

PRODUCT FAMILY

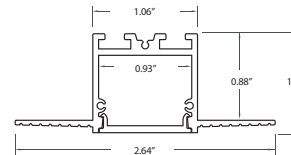
- 12100-10-P | Pendant
- 12100-10-S | Surface
- 12100-10-R | Recessed
- 12100-10-LR | Low-Profile Recessed
- 12100-10-PR | Perimeter Recessed
- 12100-10-PR-RGBW | Perimeter Recessed RGBW

FEATURES

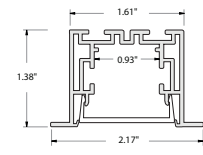
- Construction:** Durable military grade aluminum, field cuttable can be installed in any drywall thickness
- LED Driver:** Remote non-dimming transformer is provided home run required at every 16'
- Beam Angle:** 120°
- Lens:** Glare-free snap-in frosted acrylic for even distribution
- Shape Design:** Fixture profile can be miter cut-in the field-to achieve desired shape design
- Finish:** Matte White
- Voltage:** 24V DC Constant Voltage
- Lumens:** 547 Lm/Ft. (167 Lm. (RGB) | 380 Lm. (White))
- Wattage:** 8.8W per foot
- CRI:** 90+
- 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:** cUL Listed, Title 24 Certified, Dry Location IP45 (LED Component Only), Optional Wet Location IP65 (LED Component Only)



TRIMLESS MOUNT



T-BAR & FLANGE MOUNT



ORDERING INFORMATION

Example: (12100-10-R-RGBW-2-RGBW27K-RTL-RF)

Model	Length	Color Temp	Mount Type	Flange Finish ¹	Controls	DMX Decoder	Options
12100-10-R-RGBW Recessed RGBW	2 2 Foot	RGBW27K RGB + 2700K	RTL Trimless	WH White	WIFI Mobile Application + WiFi	(Blank) None required DEC-4C	WL² Wet Location IP65
	4 4 Foot	RGBW30K RGB + 3000K	RT T-Bar	BK Black	RF RF Remote Control (White)		4-Channel RJ45
	6 6 Foot	RGBW40K RGB + 4000K	RF Flanged	SL Silver	DMX DMX Wall Control (White)		DEC-5C 5-Channel RJ45/XLR
	8 8 Foot	RGBW50K RGB + 5000K			DMX-WIFI-W DMX Wall Control (White) + WiFi		
	XX Custom Length <small>Replace XX with Length in Feet</small>				DMX-WIFI-B DMX Wall Control (Black) + WiFi		

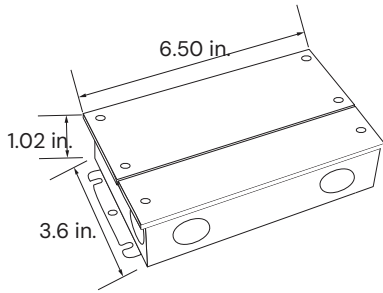
¹ Not required for Trimless
² Wet location option is available for the LED component only

Alcon 12100-10-R-RGBW Linear Recessed LED Color-Changing Light

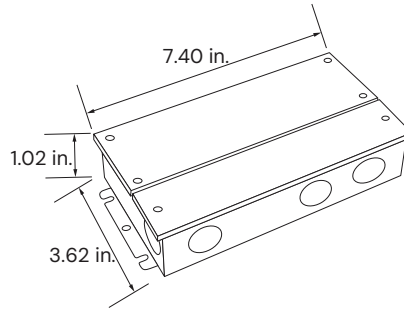
EXTERNAL DIMMING DRIVER SPECIFICATIONS

Non-Dimming Driver with Junction Box

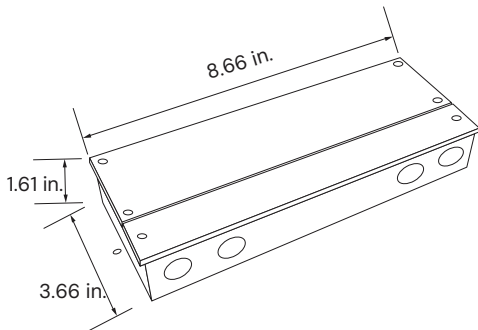
NDD-30W-24V



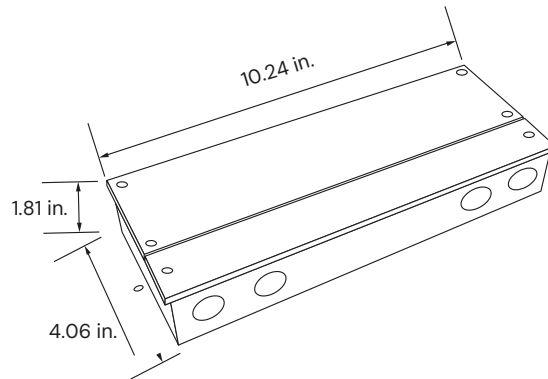
NDD-60W-24V



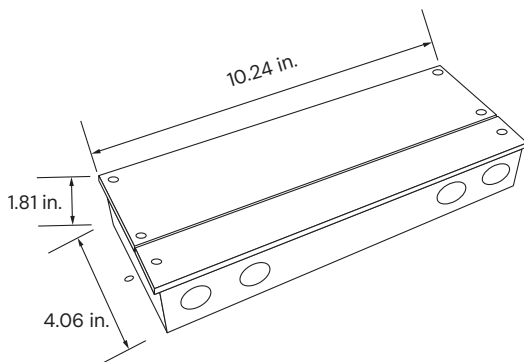
NDD-96W-24V



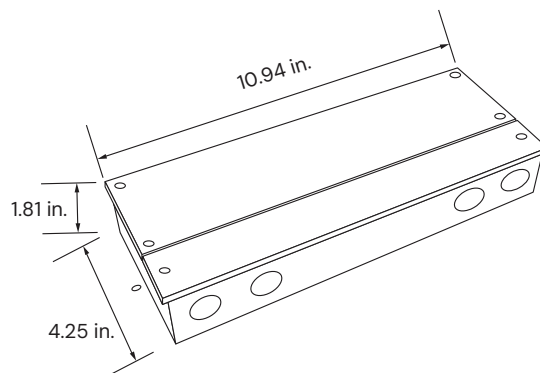
NDD-150W-24V



NDD-200W-24V



NDD-300W-24V



RGBW CONTROLS



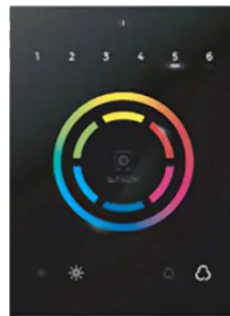
RF Remote Control
6.38" L x 1.65" W x 0.59" H



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

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 MERCHANDISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
✓	✓	✗	✓	✓

Alcon 12100-10-R-RGBW Linear Recessed LED Color-Changing Light