ALCON LIGHTING

SPECIFICATION SHEET

Shop Now

Project Name: _____ Type: _____ Quantity: _____

FIXTURE SPECIFICATIONS

INTENDED USE
The 1-inch aperture low-profile recessed LED light made with durable, military grade aluminum provides architectural-grade linear lighting for today's residential and commercial or hospitality interior space. Offering strong performance and versatility in a variety of settings, including offices, classrooms, conference rooms, museums, retail outlets, restaurants and hotels. Featuring a customizable design, this fixture is available in standard lengths of 4', 6', and 8,' and may be joined in seamless runs of any length. Equipped with male and female quick connection harnesses, available in pre-fabricated or fully illuminated corners. Glare-free snap-in lens included.

PRODUCT FAMILY
12100-10-P | **Pendant**
12100-10-S | **Surface**
12100-10-R | **Recessed**
12100-10-PR | **Perimeter Recessed**
12100-10-R-RGBW | **Recessed RGBW**
12100-10-PR-RGBW | **Perimeter Recessed RGBW**

FEATURES
Construction: Durable, Military Grade Aluminum Field Cutable Installs Within Drywall Depth
Can Be Installed in Any Drywall Thickness
Beam Angle: 120°
Lens: Glare Free Snap In Frosted Acrylic for Even Distribution
Finish: Matte White
Length: 2', 3', 4', 6', 8' or custom lengths available
Shape Design: Fixture profile can be miter cut–in the field– to achieve desired shape design
CRI: 90+
Voltage: 24V LED Fixture, 100-277V Triac, ELV, MLV and 0-10V Remote Driver
LED Driver: Remote Transformer is Provided, Home Run Required at Every 16'
Wattage: 11W/FT (2 X 5.5W Strips)
Lumens: 1000lms/FT (2 X 500lms Strips)
Life: 50,000 Hours
Weight: ~1.7 lbs per foot
Warranty: 5 Years
Listings: cUL Listed, Title 24 JA8 Certified

2.36" | **0.63"** | **0.41"** | **0.49"** | **0.07"** | **3.94"**

EC- End Connector — 3.94", 0.89"

CRC - Continuous Row Connector — 2.76", 0.32"

CWC - Ceiling to Wall Connector — 0.32", 1.30"

AC - 90° Angle Connector — 0.32", 1.30"
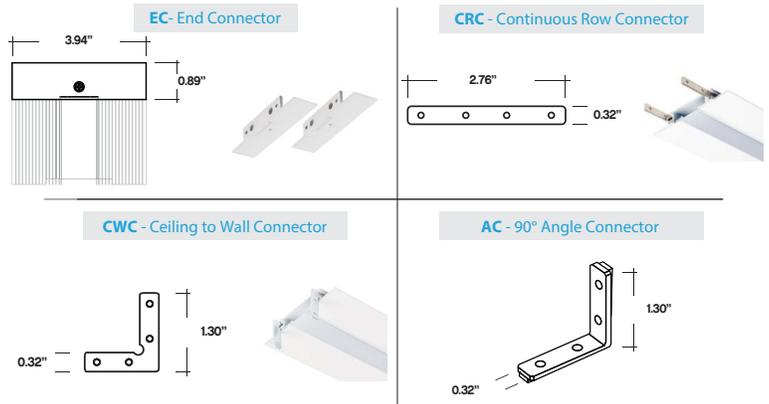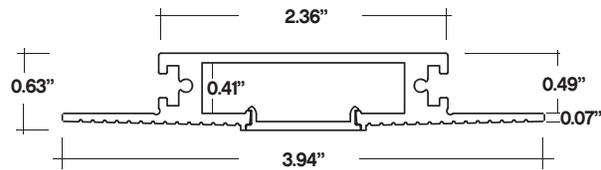
ORDERING INFORMATION   Example: (12100-10-LR-S-4-27K-010)

Model	Shape[1]	Specify Length: 2', 3', 4', 6' or 8' (Single Run)	Color Temp	Dimming Driver
12100-10-LR Low-Profile Recessed	**S** Single Run — Cont. Run		**27K** 2700K	**4N1** TRIAC, ELV, MLV & 0-10V Dimmming
	CR Continuous Run	Specify Run Length in Feet	**30K** 3000K	
	RC Rectangle — Rectangle	x / W L	**35K** 3500K	
	SQ Square — Square	x / W L	**40K** 4000K	
	L Single plane L-Run — L-Run	x / W L	**50K** 5000K	
	WC Wall to Ceiling Run — WtC Run	x / W C		

SPEC GRADE · **DIMMABLE** · **5 YEAR WARRANTY** · **JA8 TITLE 24** · **c ETL us** · **c UL us**

1 Continuous runs over 8' ship as components for field assembly

REMOTE DIMMING DRIVER SPECIFICATIONS

4N1 SERIES
**Compatible with most TRIAC, ELV, MLV & 0-10V Dimmers**

4N1-30W-24V
6.50 in.
1.57 in.
3.72 in.
0.87 in. diameter

4N1-60W-24V
7.40 in.
1.57 in.
3.72 in.
0.87 in. diameter

4N1-96W-24V
8.66 in.
1.57 in.
3.72 in.
0.87 in. diameter

4N1-150W-24V
10.24 in.
1.77 in.
4.13 in.
0.87 in. diameter

4N1-200W-24V
10.24 in.
1.77 in.
4.13 in.
0.87 in. diameter
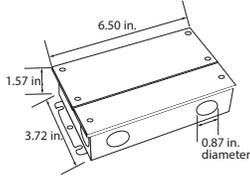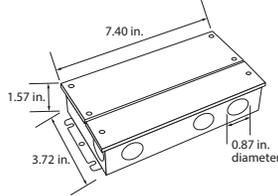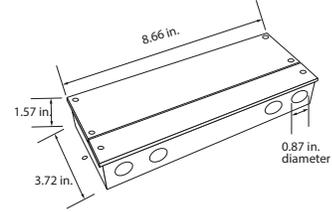
4N1-300W-24V
10.94 in.
1.77 in.
4.33 in.
0.87 in. diameter
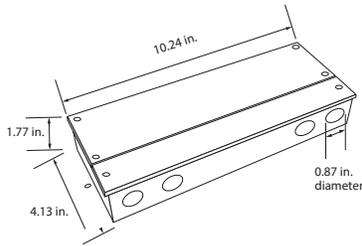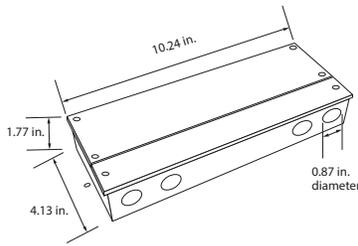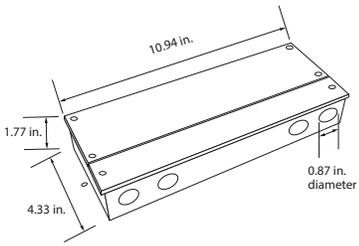
COLOR TEMPERATURE GUIDE

2700K	3000K	3500K	4000K	5000K
WARM WHITE	SOFT WHITE	NEUTRAL WHITE	COOL WHITE	DAY LIGHT
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
✓	✓	✓	✓	✓

WIRING DIAGRAM

TRIAC dimming

When 0-10V/1-10V wires are not in use, please keep insulators in place.

0-10/1-10V dimming