

TOKISTAR TokiLux RGB

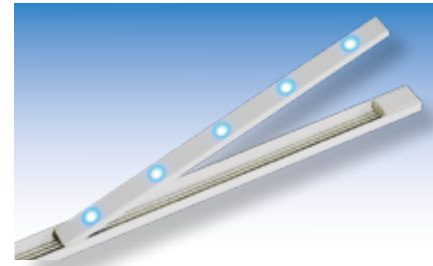
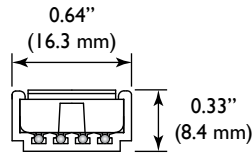


TOKISTAR LIGHTING



TokiLux™ RGB

Tokistar's TokiLux RGB color changing system creates vibrant and perfectly blended color. The compact profile is ideal for use in confined spaces or as edge lighting. Our control systems are easy to program and readily changed or animated to complement any theme or environment.



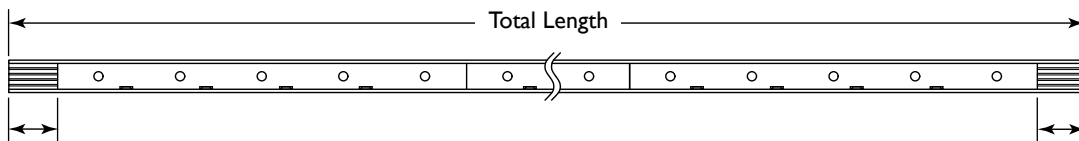
Operating efficiency adds to the overall economy and appeal of TokiLux. The 24 VDC system consumes only 3 Watts per foot. Although the life rating of LEDs is remarkable, independent color bars can be replaced to ensure the system is easily maintained for years of continuous service.

TokiLux RGB fixtures come with Color Bars inserted into a track. A single track can have up to 12 Color Bars. Multiple tracks can be interconnected with up to 48 Color Bars.

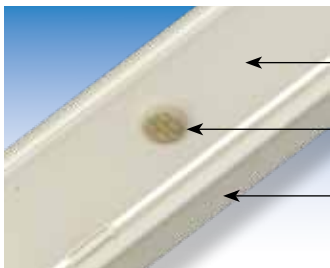
Specify by Catalog Number TLX-RGB

Lengths shown in this chart include space at the ends of each track to accommodate Connectors, Junction Bars or End Caps. Spacing of the LEDs is consistent throughout the system to create a uniform lighting effect.

Part No.	No. of Bars	Length	Watts / Volts
TLX-RGB-1	1	9 7/8"	2.0 W / 24VDC
TLX-RGB-2	2	17 3/4"	4.0 W / 24VDC
TLX-RGB-3	3	25 5/8"	6.0 W / 24VDC
TLX-RGB-4	4	33 1/2"	8.0 W / 24VDC
TLX-RGB-5	5	41 3/8"	10.0 W / 24VDC
TLX-RGB-6	6	49 1/4"	12.0 W / 24VDC
TLX-RGB-7	7	57 1/8"	14.0 W / 24VDC
TLX-RGB-8	8	65"	16.0 W / 24VDC
TLX-RGB-9	9	72 7/8"	18.0 W / 24VDC
TLX-RGB-10	10	80 3/4"	20.0 W / 24VDC
TLX-RGB-11	11	88 5/8"	22.0 W / 24VDC
TLX-RGB-12	12	96 1/2"	24.0 W / 24VDC



Specifications

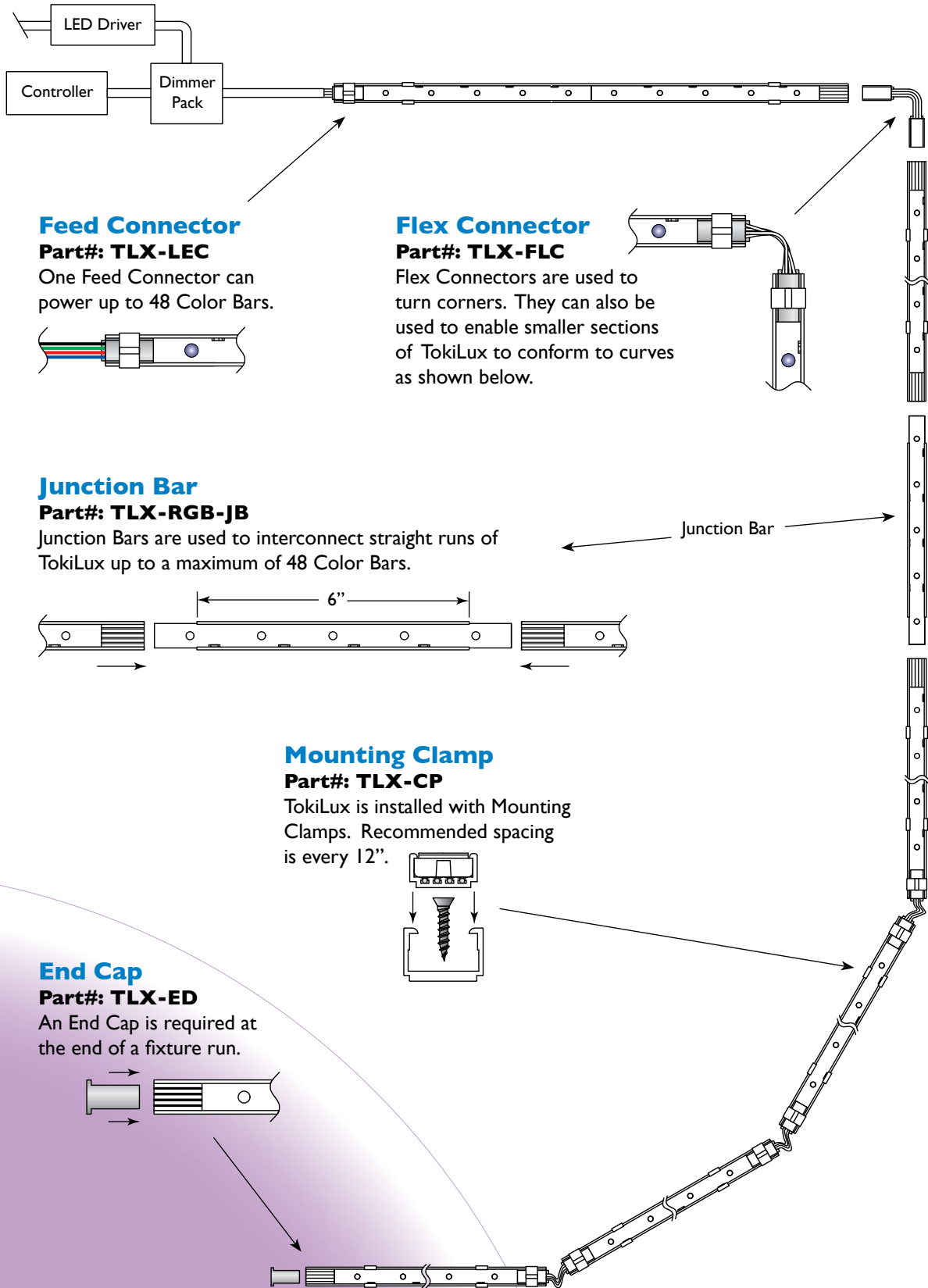


- ← **Color Bars** are rigid polycarbonate with flammability rating UL 94V-2
- ← **RGB Light Sources** are 0.40 Watt / 24VDC LEDs (5 per Color Bar)
- ← **TokiLux Track** is rigid polycarbonate with flammability rating UL 94V-0



System Overview

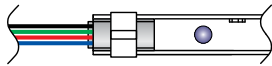
A TokiLux RGB System consists of a Lighting and Control System. The graphic below includes the Lighting System with associated components. Refer to Page 4 for specifications on the Control System.



Feed Connector

Part#: TLX-LEC

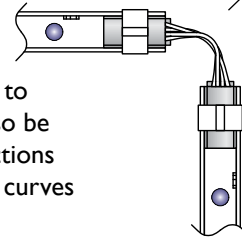
One Feed Connector can power up to 48 Color Bars.



Flex Connector

Part#: TLX-FLC

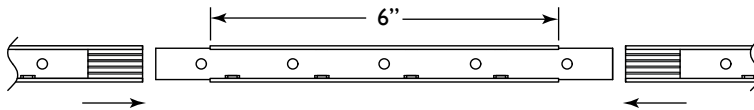
Flex Connectors are used to turn corners. They can also be used to enable smaller sections of TokiLux to conform to curves as shown below.



Junction Bar

Part#: TLX-RGB-JB

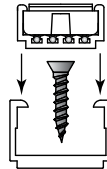
Junction Bars are used to interconnect straight runs of TokiLux up to a maximum of 48 Color Bars.



Mounting Clamp

Part#: TLX-CP

TokiLux is installed with Mounting Clamps. Recommended spacing is every 12".



End Cap

Part#: TLX-ED

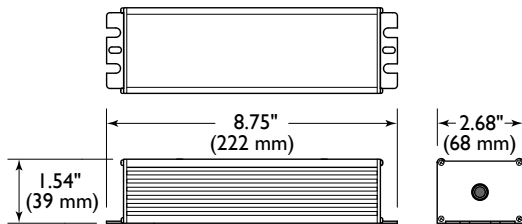
An End Cap is required at the end of a fixture run.



LED Driver

LDR24-96

Tokistar's LDR24-96 is a 96 Watt Class 2 LED Driver used to convert an AC input into a 24VDC output. It may be operated from a wide range of input voltages. The capacity is 48 Color Bars.



Specifications

Input Range: 100~277 VAC
Frequency Range: 50/60 Hz
Output: 24 VDC (+/- 3%)
Max. Output Current: 4.0A
Max. Output Power: 96W
Protection: Overload, Over voltage, Short Circuit, Over Temperature
Working Temperature: -30°C~+50°C

Mechanical Specifications

Dimensions: 2.68" x 8.75" x 1.54"
Weight: 998g / 2.20 lbs
Enclosure Rating: Suitable for use in Dry, Damp and Wet Locations/IP67 Rated
Mounting: Flange Mount

Safety Standards

UL 879, UL 8750, UL 1310 Class 2, TUV EN60950-1, EN61347-1, EN61347-2-3 ind. CAN/CSA C22.2 No. 223-M91, IP67 Rated

Control Systems

Color Mix System

Our economical Color Mix System is capable of being operated on demand. Up to 25 dimmer packs may be connected in series if the total length of all CAT5 cable does not exceed 165 feet from the control station to the last dimmer pack. CAT5 cables are included with units.

Color Mix features include:

- Cross-Fading, Fading, Flashing and Demo Mode
- Ten memory locations to mix and store your favorite color selections
- Six animation patterns which cycle between favorite color selections
- Rotary dials for precise color mixing/speed-rate adjustment
- Adjustable fading/flashing rate
- Control Station includes color-changing LED indicator



Part #: LC-3CH-CM

The Control Station is provided with a 50 foot CAT5 cable. Power to this unit comes from the LED Driver powering the first Dimmer Pack. The unit installs in a double-gang junction box.



Part #: LC-3CH-DP

Each Dimmer Pack is provided with CAT5 cable and capable of operating up to 48 Color Bars (96 Watts maximum). Dimensions: 1-1/2" x 3-1/2" x 4-1/16"

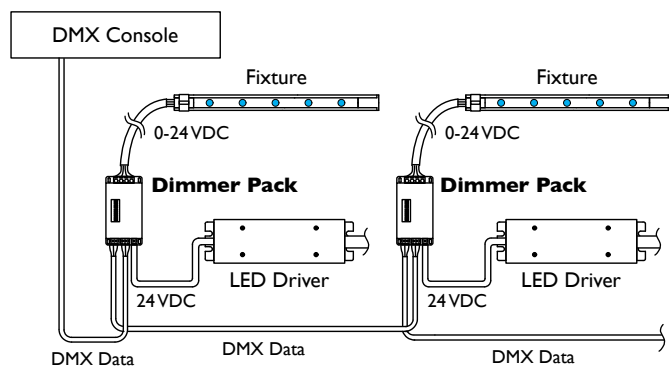
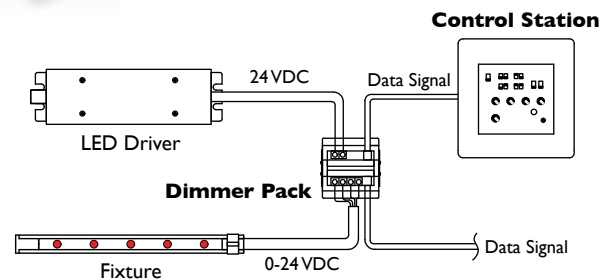
DMX System

Part #: LC-3CH-DMX

DMX Dimmer Packs are capable of operating up to 48 Color Bars (96 Watts maximum). Dimmer Packs are addressable, and may be used with any controller working on DMX protocol.

Dimensions: 3/4" x 1-3/4" x 3-1/2"

Up to 36 Dimmer Packs can be linked together with Data Cable. For applications exceeding 36 Dimmer Packs, a Splitter is required. Splitters can operate an unlimited number of Dimmer Packs. Consult factory for details on DMX Consoles and Splitters.



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