

TOKiSTAR

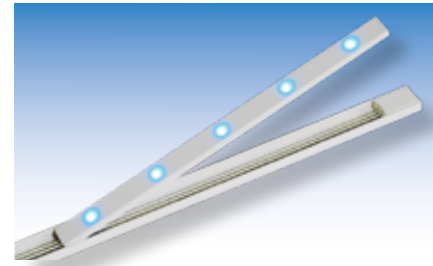
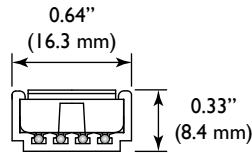


TOKiSTAR LIGHTING



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.



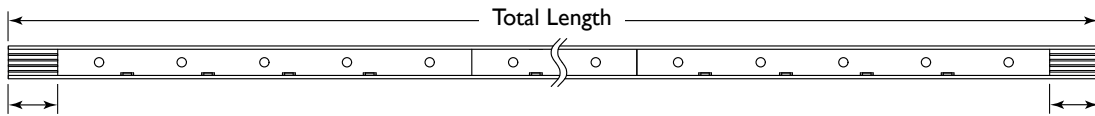
Operating efficiency adds to the overall economy and appeal of TokiLux. The 24 VDC system consumes only 3 Watts per foot. Although the life rating of LEDs is remarkable, independent color bars can be replaced to ensure the system is easily maintained for years of continuous service.

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.

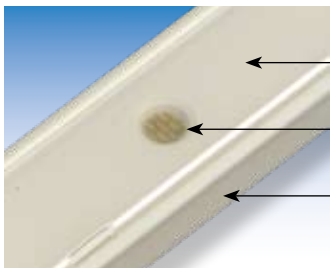
Specify by Catalog Number TLX-RGB

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 PVC with flammability rating UL 94V-2

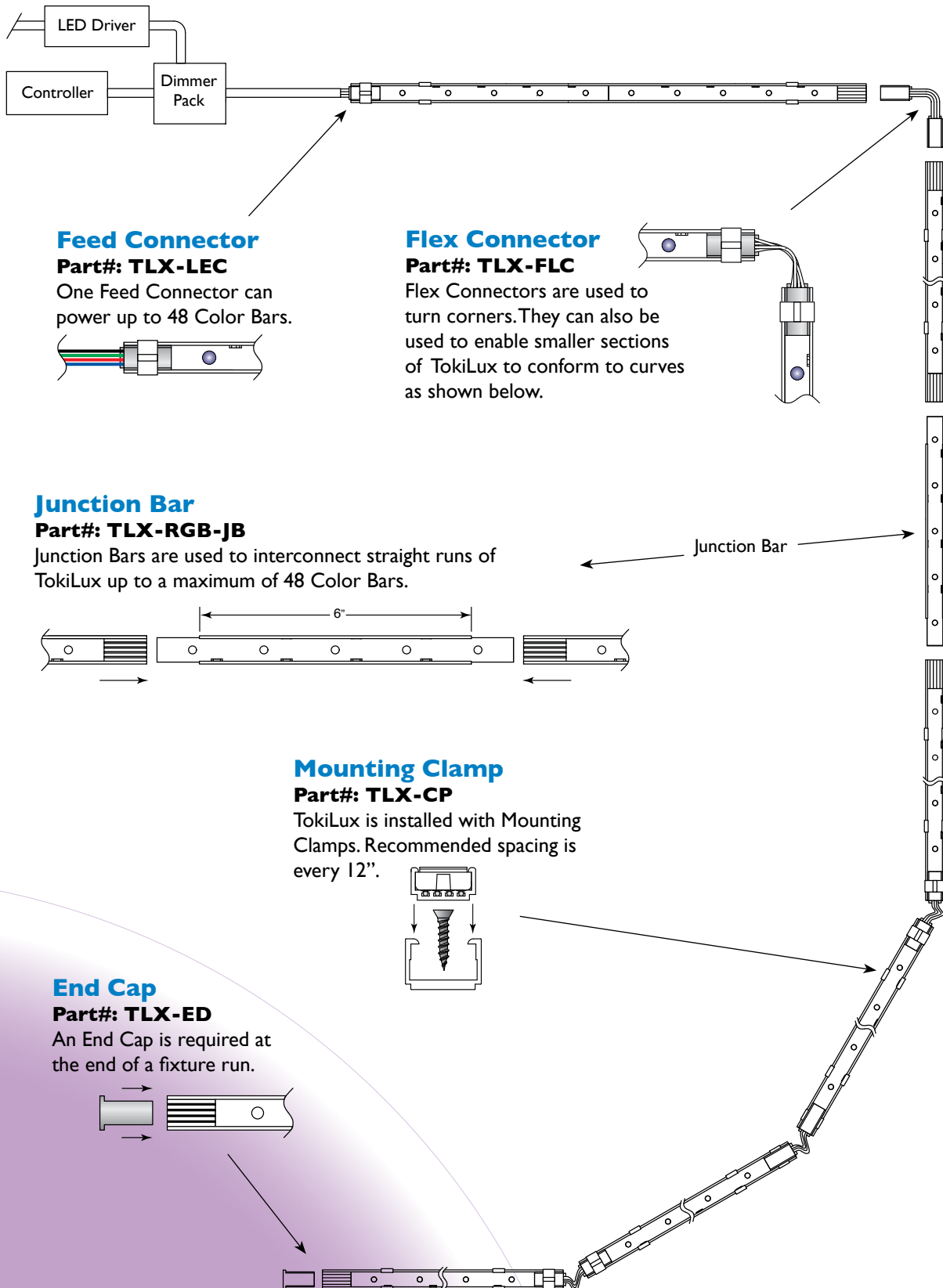
← **RGB Light Sources** are 0.40 Watt / 24VDC LEDs (5 per Color Bar)

← **TokiLux Rail** is rigid PVC with flammability rating UL 94V-0

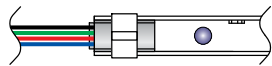


System Overview

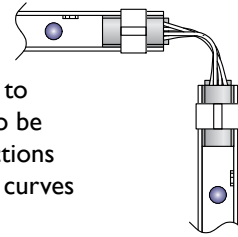
A TokiLux RGB System includes a Lighting and Control System. The graphic below includes the Lighting System with associated components. Refer to Page 4 for specifications on the Control System.



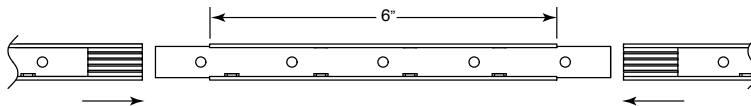
Feed Connector
Part#: TLX-LEC
 One Feed Connector can power up to 48 Color Bars.



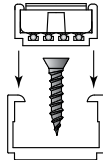
Flex Connector
Part#: TLX-FLC
 Flex Connectors are used to turn corners. They can also be used to enable smaller sections of TokiLux to conform to curves as shown below.



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

LDR24-120

This dual output 120 Watt Class 2 LED Driver converts an AC input into a 24VDC output and may be operated from a wide range of input voltages. The capacity is 48 Color Bars per output (60 Color Bars Total).



Specifications

Input Range: 100~240 VAC
Frequency Range: 50/60 Hz
Output: 24VDC (Adjustable +5% / -30%)
Max. Current Total: 5.0A (Both Outputs Combined)
Max. Current Per Output: 4.0A
Max. Power: 120W (Both Outputs Combined)
Max. Power Per Output: 96W
Protection: Overload, Overcurrent, Short Circuit
Operating Temperature: -30°C to +60°C

Mechanical Specifications

Dimensions: 3.6" x 11" x 2.25"
Weight: 4 lbs
Enclosure Rating: Nema 3/IP65
Mounting: Flange Mount
Connection: Knockouts for 1/2" Conduit

Control Systems

Color Mix System

Our economical Color Mix System is capable of being operated on demand. One Control Station can operate up to twelve Dimmer Packs. Each Dimmer Pack operates up to 48 TokiLux RGB modules. CAT5 cable is provided to link the components together.



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.

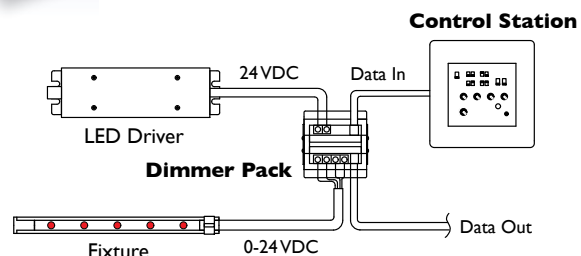
Color Mix features include:

- 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-DP

Each Dimmer Pack is provided with a 25 foot CAT5 cable and capable of operating up to 48 RGB LED modules (96 Watts maximum). Dimensions: 1-1/2" x 3-1/2" x 4-1/16"



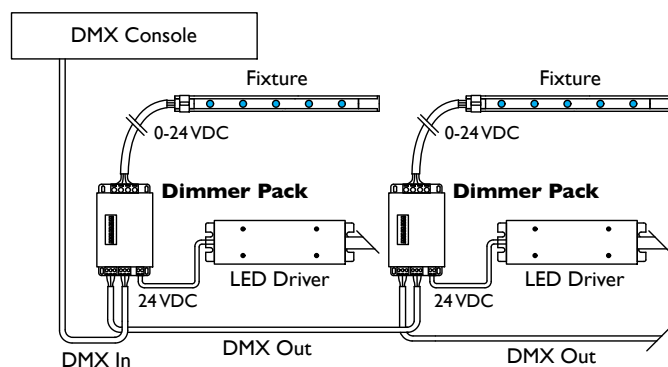
DMX System

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 30 Dimmer Packs can be linked together with Data Cable. For applications exceeding 30 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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