



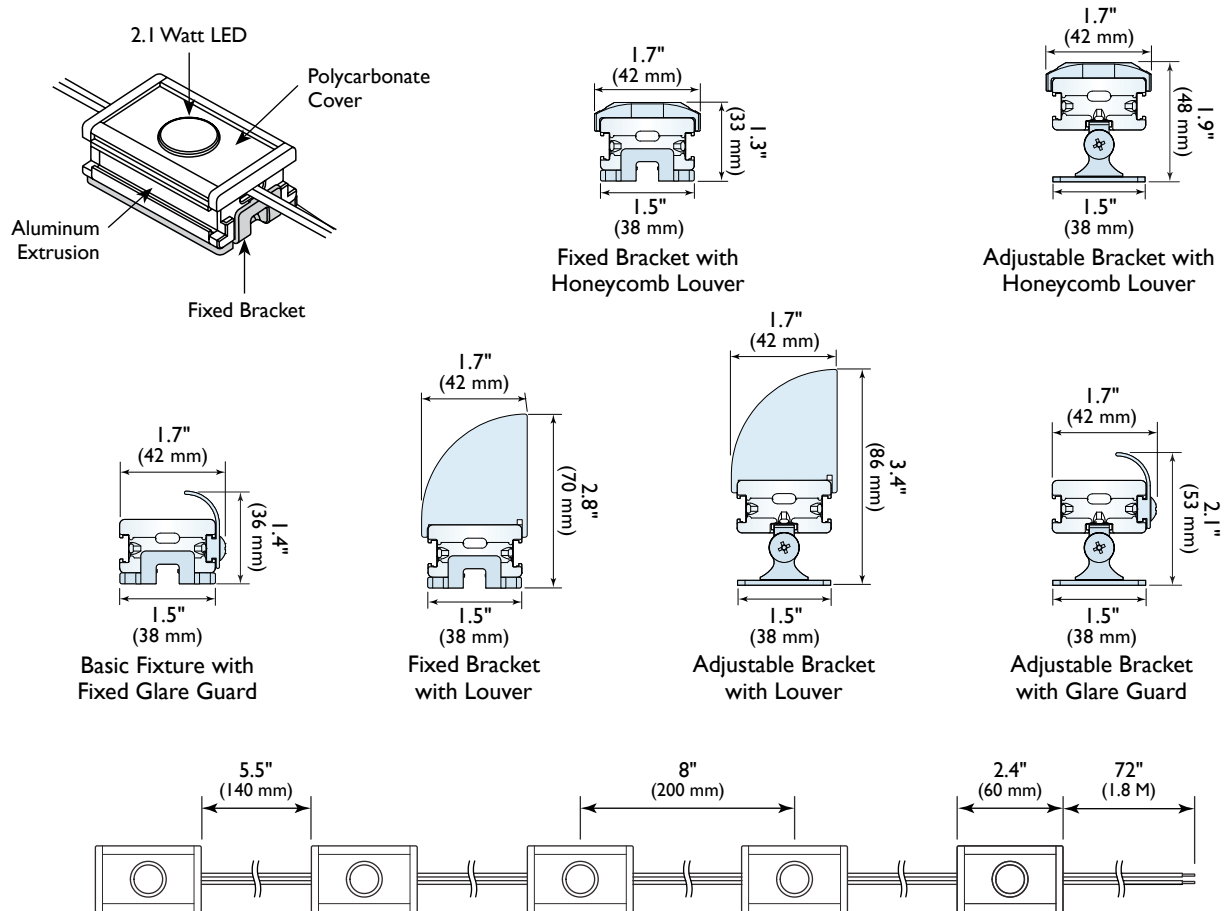
TOKISTAR LIGHTING INSTRUCTION MANUAL

I'Links Series

700mA

General Description

Tokistar's I'Links Series operates at 700mA and is designed for interior use. Light sources are 2.1 watt LEDs. A fixture may consist of 1 to 18 LED modules. Each I'Links fixture is labeled with its appropriate load. I'Links operate from our constant-current LDRCC-40 dimmable LED driver.



⚠ PRECAUTIONS

1. Read all instructions completely before beginning installation.
2. Turn off electricity before beginning installation.
3. All wiring is to be performed by a qualified electrician.
4. Installation must comply with the National Electrical Code, and all applicable codes.
5. Turn main supply to LED Driver on only after all connections have been made and tested.
6. Use only LED Drivers provided by Tokistar with the system.

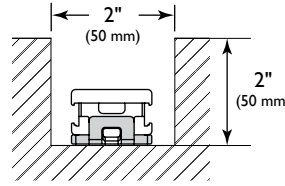
TOKISTAR® LIGHTING

1015 E. Discovery Lane
Anaheim, CA 92801

TEL: 714 772 7005 FAX: 714 772 7014
email: info@tokistar.com Website: tokistar.com

Space Requirements

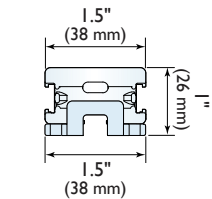
For proper air flow, the dimensions indicated are required to prevent heat build up.



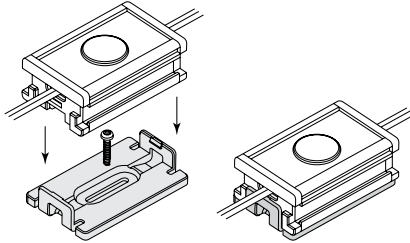
Mounting Brackets

Mounting options include fixed or adjustable brackets. One bracket is required per module.

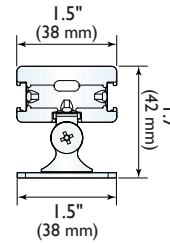
Fixed Bracket



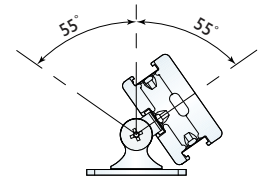
Basic Fixture with Fixed Bracket



Adjustable Bracket

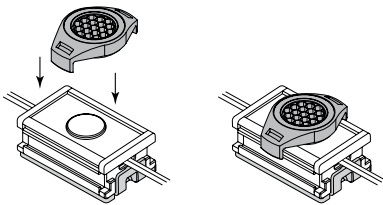


Basic Fixture with Adjustable Bracket



Louvers

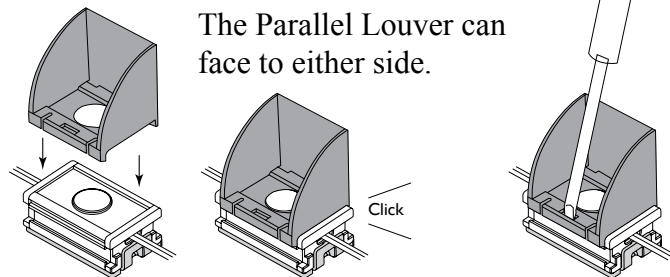
Honeycomb Louver



Align the center of the louver with the center of the lens before securely snapping in place

Parallel Louver

The Parallel Louver can face to either side.



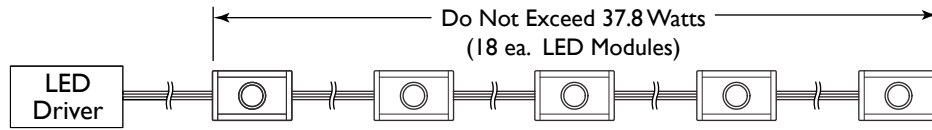
Align the center of the louver with the center of the lens before securely snapping in place

To remove a louver, insert a flat head screwdriver into the slot and apply gentle pressure.

PRECAUTION

Do Not Modify fixtures in the field.

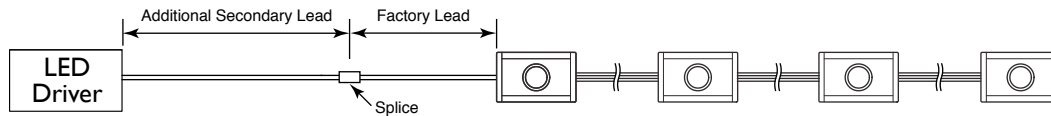
Secondary Circuit Limitation



Recommended Lead Wire Size

The distance from the power supply to the fixture, and the load of the fixture, will determine the proper size of secondary wire. Fixtures are provided with a factory lead. If additional wire needs to be attached, refer to the recommendation in this chart.

Secondary Lead Wires	
Wire Size	Wire Length
#18 AWG	300' (90 M)



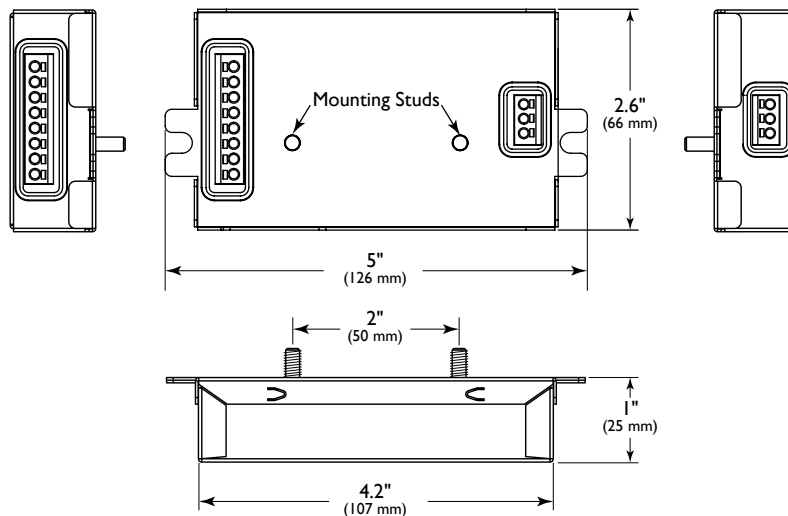
LED Driver

Part#: LDRCC-40

Our constant-current LED Driver operates on the PWM method and accepts input from 0-10 VDC dimming controls. The driver has full range dim-to-off capability.

The input is universal ranging from 100 to 277 VAC 50/60 Hz. The driver may accept wiring from the ends, or be mounted to an enclosure and accept wiring from below.

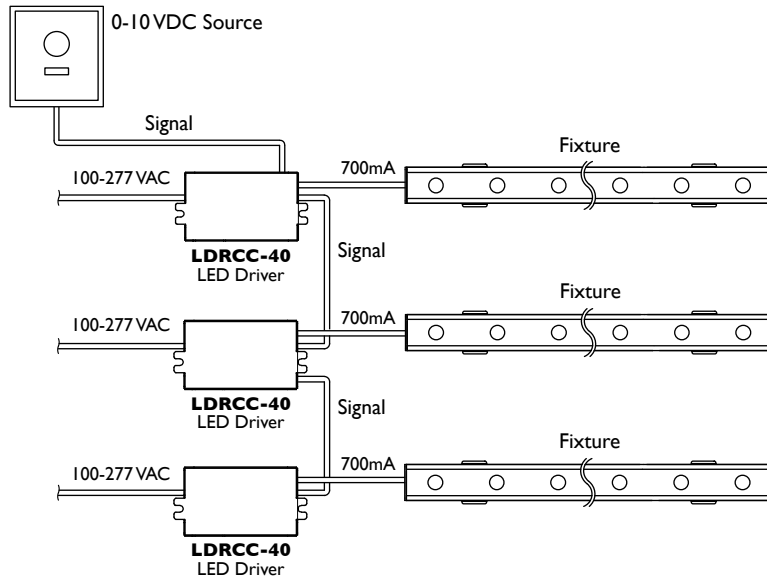
Part#	Input Volts	Output Voltage	Output Current	Capacity
LDRCC-40	100~277	3-57VDC	700mA	18 LEDs



Dimming Control

Up to 30 LDRCC-40 LED Drivers can be connected in series from a single 0-10 VDC source. The maximum distance from the 0-10 VDC source to the last LED driver is 250 feet/75 meters based upon the use of #18 AWG shielded cable.

For applications operating from DMX, Dali or other protocols, check with the dimmer manufacturer to provide a suitable interface to generate a 0-10 VDC signal.



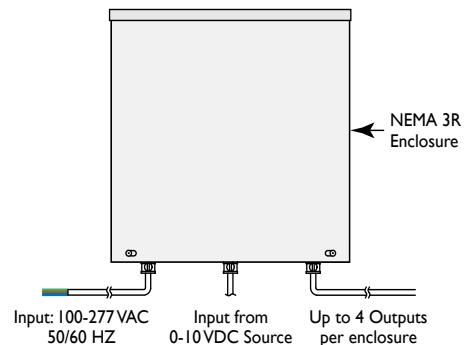
LED Driver Enclosures

Part#s: LDRCC-ENC-40, LDRCC-ENC-80, LDRCC-ENC-120, LDRCC-ENC-160

Tokistar offers a UL Listed enclosure including 1-4 LED drivers inside. The enclosure is rated NEMA 3R and suitable for wet locations. Terminal blocks provide reliable and convenient connection points.

The enclosure may be installed at remote locations up to 300 feet/90 meters from the fixture with the use of #18 AWG secondary wire.

Dimensions: 12.25" x 12" x 4.5"



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