



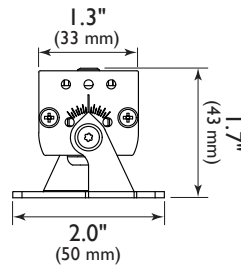
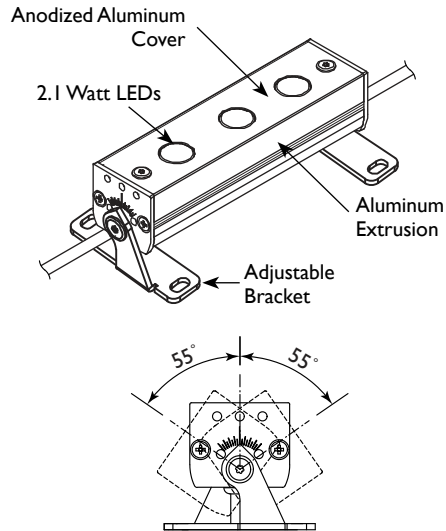
TOKISTAR LIGHTING INSTRUCTION MANUAL

O'Links Series

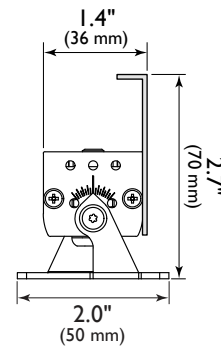
700mA

General Description

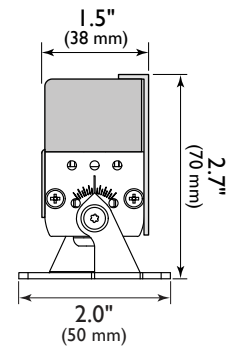
Tokistar's O'Links Series operates at 700mA and is designed for interior and exterior use. Light sources are 2.1 watt LEDs. O'Links can be provided as single and 3-LED fixtures. Each fixture is labeled with its appropriate load. O'Links operate from our constant-current LDRCC-40 dimmable LED driver.



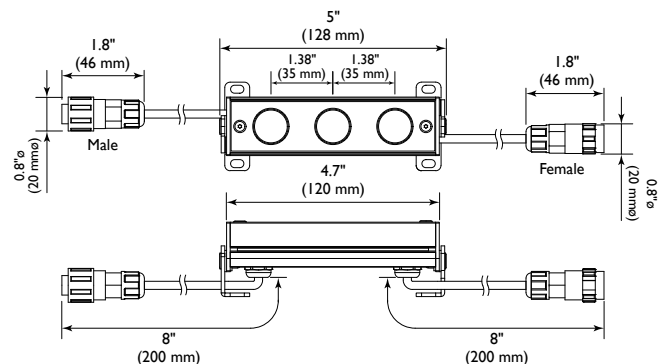
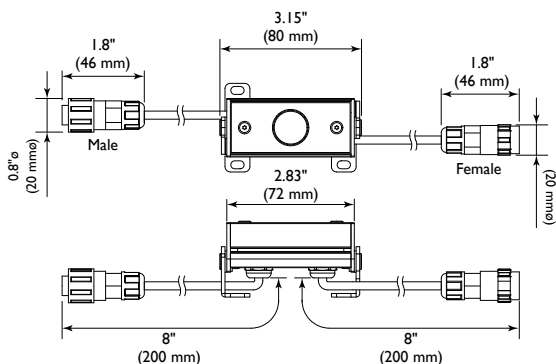
OL Series
Standard



OL-GG Series
O'Links with Glare Guard



OL-GGL Series
O'Links with Glare Guard and Louvers



! 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.

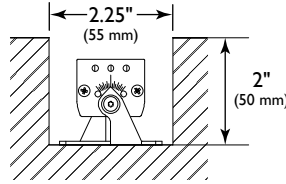
TOKISTAR® LIGHTING

1015 E. Discovery Lane
Anaheim, CA 92801

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

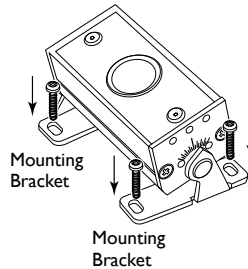
Space Requirements

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



Mounting

Securely mount fixtures using screws on all four mounting holes.



O'Links Connectors

Part #: OL-CON

Each run of O'Links requires this feed connector with a 6.5 Ft. (2 M) lead.

Female Connector



Part #: OL-EXT-1M (3 Ft. length)

Extension cables extend the distance between fixtures and may be added to OL-CON connectors to reach remote LED Driver locations.

Female Connector

Male Connector

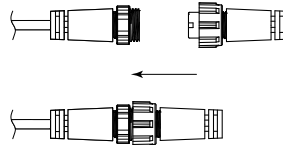


Part #: OL-EC

The End Cap insulates a female connector at the end of a run.

Female Connector

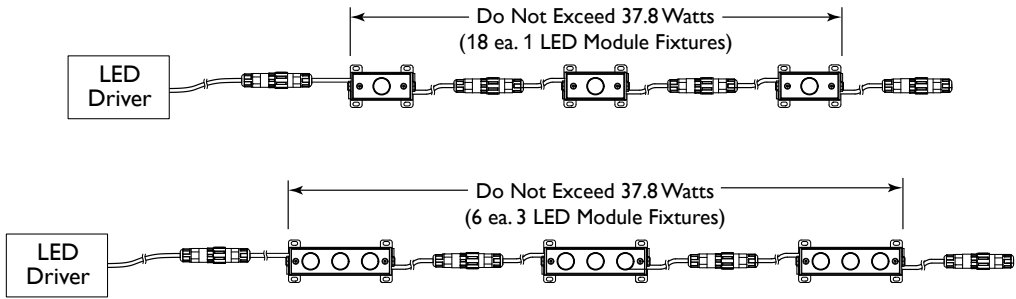
End Cap



PRECAUTION

Do Not Modify fixtures in the field.

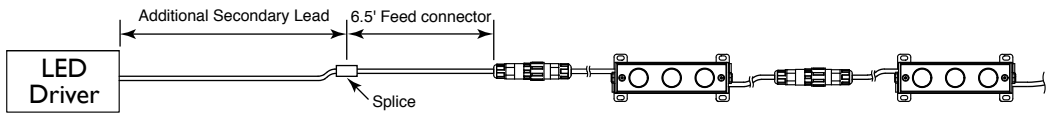
Secondary Circuit Limitation



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. Feed Connectors are provided with a 6.5' lead. If additional wire needs to be attached to the Feed Connector, refer to the recommendation in this chart.

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



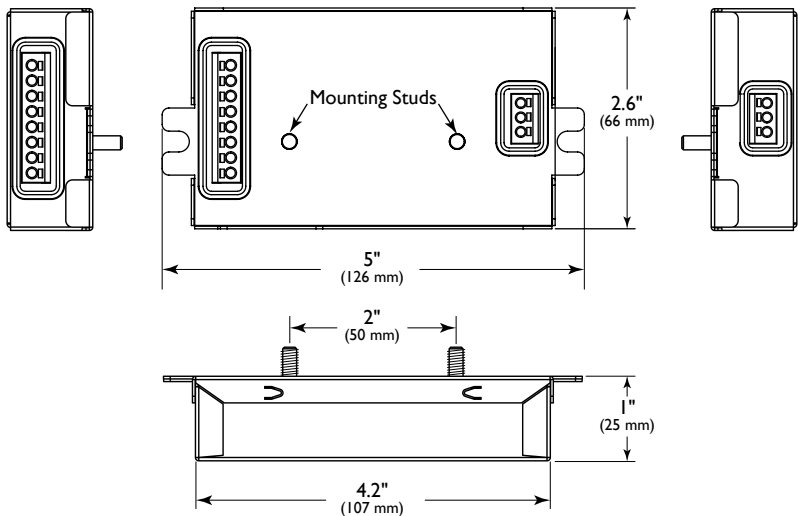
LED Driver

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.

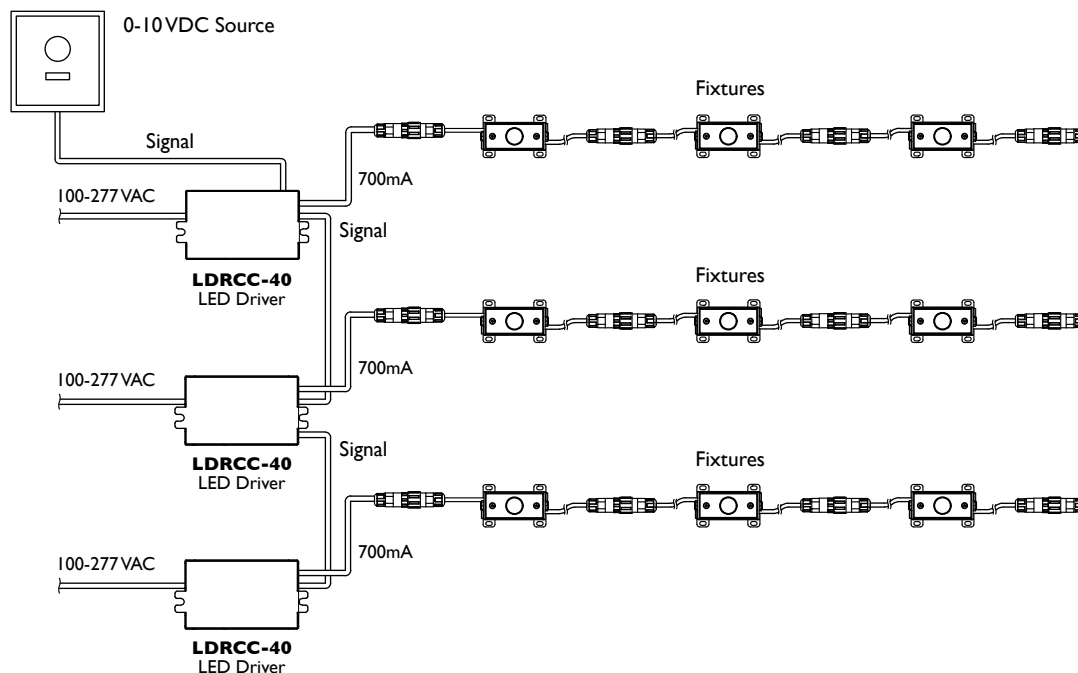
Part#	Input Volts	Output Voltage	Output Current	Capacity
LDRCC-40	100~277	3-57VDC	700mA	18 LEDs



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.



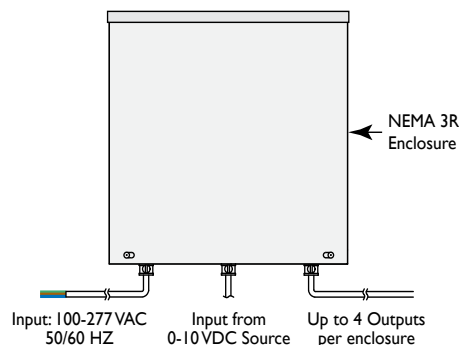
LED Driver Enclosures

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. 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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