



TOKISTAR LIGHTING INSTRUCTION MANUAL

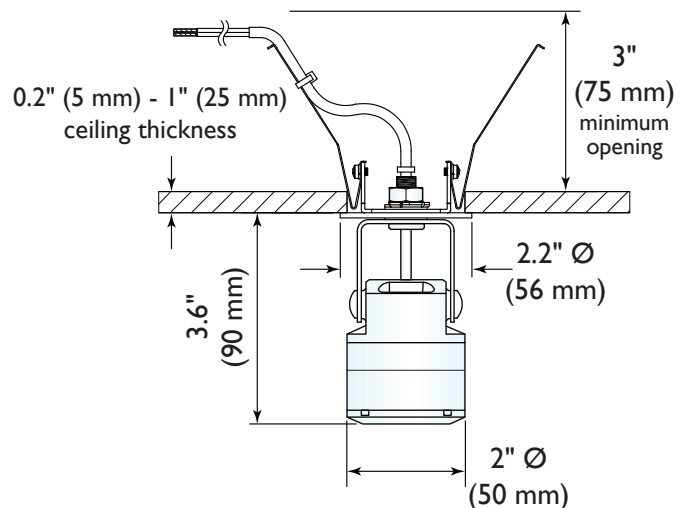
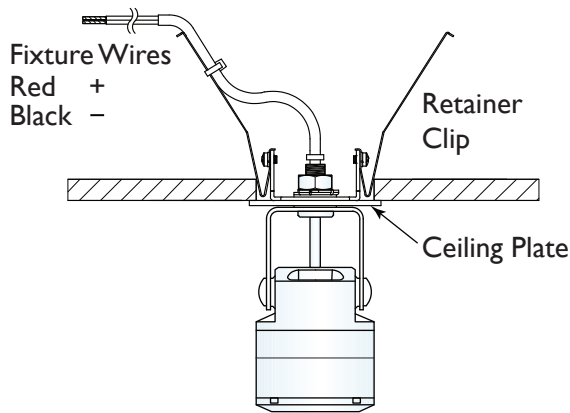
Focal SpotMini™ Series

Fixture Type: FSM

700mA

General Description

Tokistar's Focal SpotMini is a constant current low-voltage lighting system operating at 700mA. The light source is a 2.1 watt LED. The system operates from our LDRCC-40 dimmable LED driver. Up to 18 fixtures can be powered by the LED driver. The Focal SpotMini is for interior use only.



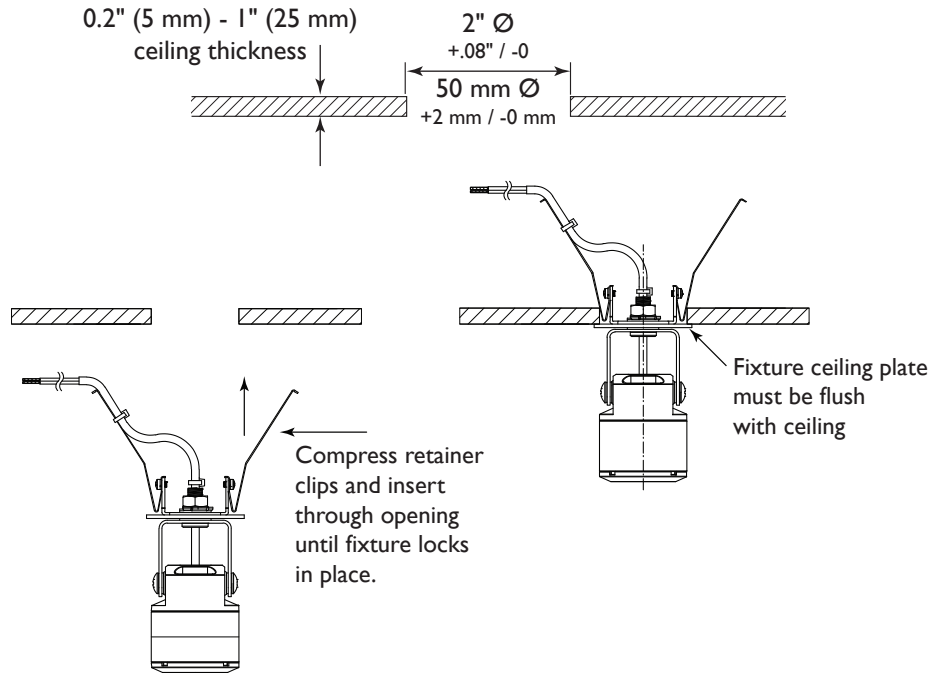
PRECAUTIONS

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. Do not modify the fixture.
6. Turn main supply to LED Driver on only after all connections have been made and tested.

Mounting Detail

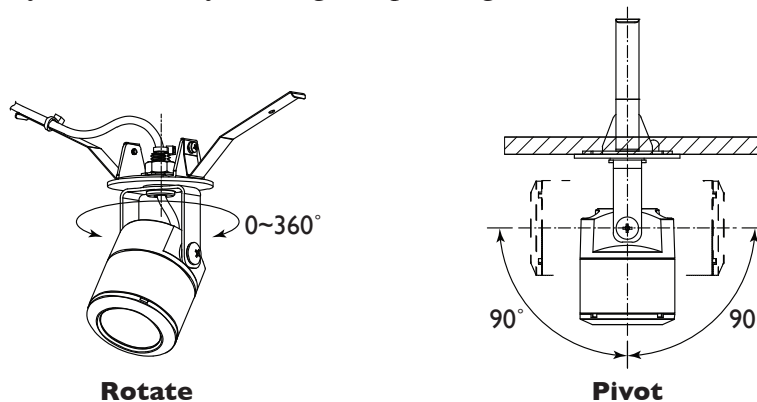
Provide a 2" (50 mm) diameter hole in the mounting surface. Insert the retainer clips through the opening until the fixture firmly locks in place.

Connect wires from the LED driver to the fixture wires.



360 Degree Rotation and 90 Degree Pivot

Beam direction is precisely controlled by rotating and pivoting the fixture.



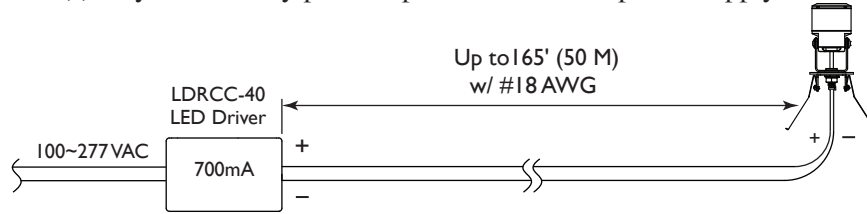
PRECAUTIONS

Fixtures must be installed on a flat surface.

Secondary Circuit Wiring

Lead Wire

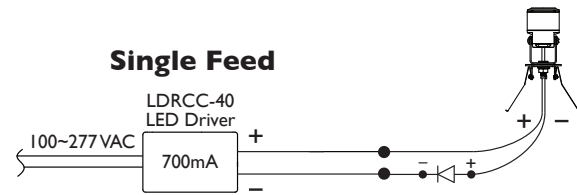
When using #18 AWG, fixture(s) may be remotely placed up to 165' from the power supply.



Wiring Diagrams

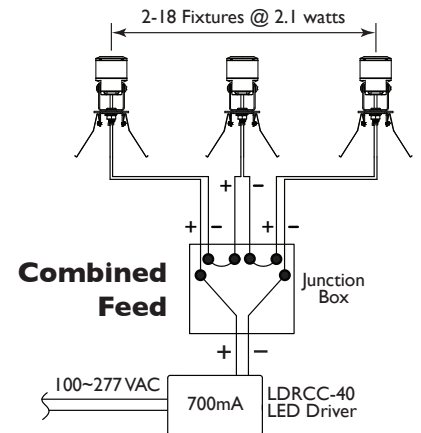
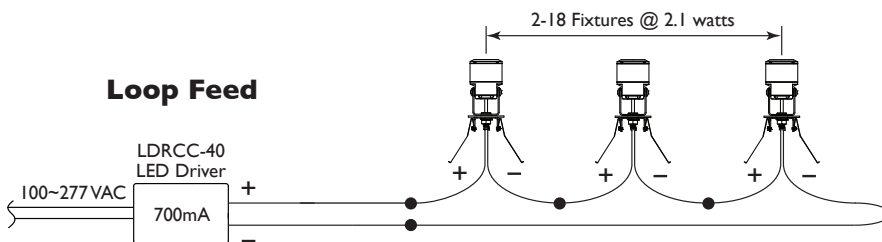
Single Fixture Diagram

A single fixture application requires the addition of a factory-installed diode in order to meet the minimum load levels of an LED driver.



Multiple Fixture Diagram

From 2-18 fixtures can be fed from a single LED driver. These may be wired in a series/loop configuration, or each fixture can have independent lead wires routed back to the LED driver location and combined in a junction box.

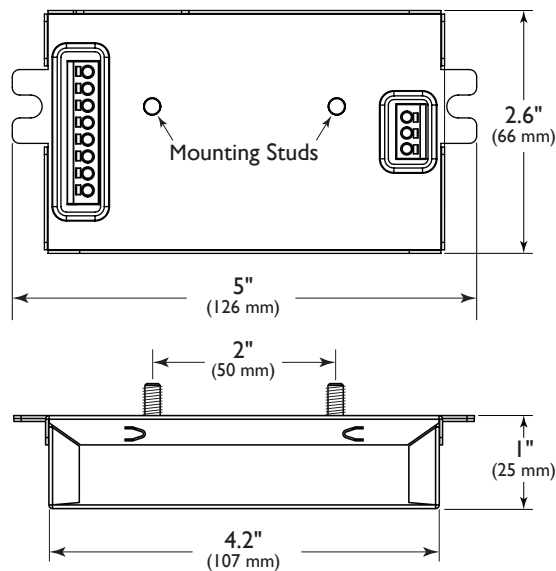


LED Driver

Part#: LDRCC-40

Tokistar's 40 watt LDRCC-40 constant current LED driver offers PWM dimming from 0-10 VDC dimming control and has full range dim-to-off capability. This ensures smooth flicker-free operation at all levels. The input is universal ranging from 100 to 277 VAC 50/60 Hz.

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



PRECAUTIONS

The LED Driver is rated for dry location only. It must be installed within an enclosure suitable for the environment.