



TOKISTAR LIGHTING INSTRUCTION MANUAL

Reveler Series

General Description

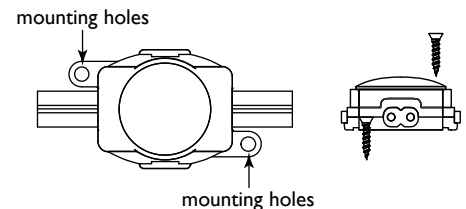
Tokistar's Reveler Series is a 12 VAC lighting system using 1.8 watt LEDs sealed to a flexible cable.

Light Source	
Description	Part No.
2" O.C. 1.8 Watt LED	RV-50-2700
2" O.C. 1.8 Watt LED	RV-50-3000
2" O.C. 1.8 Watt LED	RV-50-5500
2" O.C. 1.8 Watt LED	RV-50-BL
4" O.C. 1.8 Watt LED	RV-100-2700
4" O.C. 1.8 Watt LED	RV-100-3000
4" O.C. 1.8 Watt LED	RV-100-5500
4" O.C. 1.8 Watt LED	RV-100-BL
6" O.C. 1.8 Watt LED	RV-150-2700
6" O.C. 1.8 Watt LED	RV-150-3000
6" O.C. 1.8 Watt LED	RV-150-5500
6" O.C. 1.8 Watt LED	RV-150-BL

Mounting Fixtures

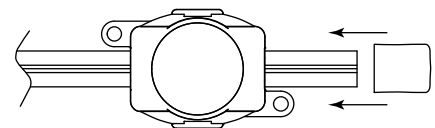
Direct Screw Mounting

Each LED socket has two mounting holes in opposing corners designed to accept screws. For secure mounting, use two screws. Screws must be firmly attached to support the weight of the fixture.



End Caps

Reveler fixtures are supplied with factory sealed end caps on the end of each run. If it is necessary to trim a fixture, a new end cap must be sealed on the end of the conductor cable with a permanently-bonding adhesive such as silicone.



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 transformer on only after all connections have been made and tested.
6. Use only transformers provided by Tokistar with the system.
7. Certain adhesives produce a bi-product of corrosive gas during their curing process, and should not be used in conjunction with our LED Systems where the gas cannot be vented. Consult with the Sealant company for such applications.

TOKISTAR® LIGHTING

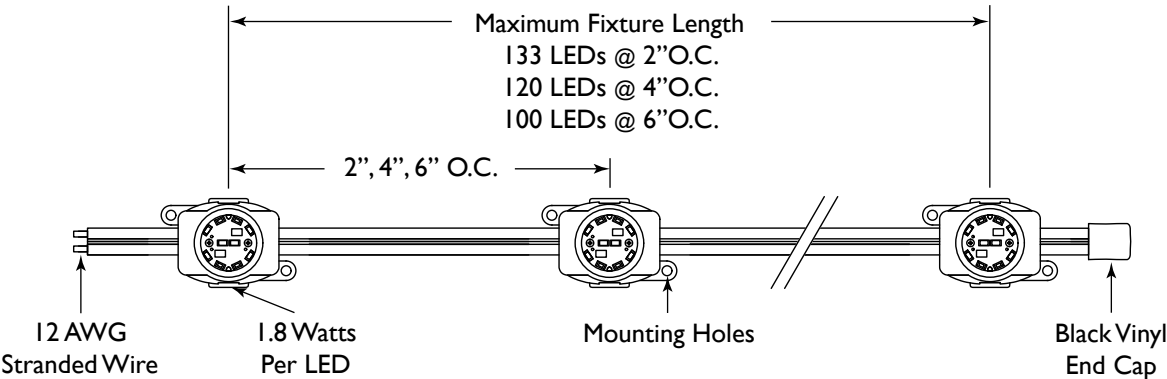
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Secondary Circuit Limitation

To minimize voltage drop and keep conductors safely within their limitations, do not exceed the maximum lengths shown for each independent fixture. Conforming to these lengths will ensure no fixture exceeds 20 Amps (240 watts @ 12 volts).

Maximum Run Lengths	
Socket Spacing	1.8 Watt / 12 VAC LED
2" (50 mm)	22' 2" (6.7 M)
4" (100 mm)	40' 0" (12.2 M)
6" (150 mm)	50' 0" (15.2 M)



Transformer Instructions

Transformer Location

Transformers should be installed in an accessible location. Magnetic transformers generate heat and must be installed in locations where there is free-air circulation. For additional information, please refer to the instruction manual provided with your transformer.

Transformer Mounting

Select a suitable location capable of supporting the weight of the transformer. Use the two keyholes provided on the mounting flange. The transformer must be mounted vertically with the wiring compartment pointing down.

Secondary Circuit Protection

Transformers are provided with circuit breakers to protect secondary circuits. The maximum size circuit breaker on a transformer is 25 amps, but the circuit wired to the breaker **MUST NOT EXCEED 20 AMPS**.

There are several transformer sizes available, and different size breakers installed in them. For applications with multiple output transformers the total load should not exceed the breakers rating, and the total combined load of all outputs should not exceed the transformers rating.

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