

LED Ruler

Installation instructions for RULER Series

WARNING: These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with the owners manual, current electrical codes and/or the current National Electric Code (NEC).

CAUTION - To reduce risk of fire, electric shock or injury to persons:

1. This light is intended for indoor use only.
2. **Do not link more watts in a series than the maximum capacity of the driver. See Table 1 for details.**
3. Mount light only to surfaces that are mechanically sound.
4. Not intended for lighting aquariums.
5. Use only with factory-recommended 350mA power supply (sold separately). Factory warranty will be void if used with a non-recommended power supply, transformer or driver.
6. Not intended for recessed application.

MOUNTING LED RULER

Each run requires a RULER-CONKIT, sold separately.

Note: To ensure proper placement of the LED Ruler lighting system, it is recommended that all Rulers, inline connectors or linking extensions, power cord and end cap be interconnected to determine total length prior to installation. Also consider location of power supply and how lead wires to the lead fixture will be routed. Make sure the total number of LEDs does not exceed the maximum. See Table 1.

1. Locate desired position for light. Remember to leave 1" clearance at both ends to plug in power supply cord, connector(s) or end cap. In order for the fixture to light, each end must have a connector of some kind or an end cap attached so that the required series wiring 'loop' is complete.
2. Attach clips to fixture and mark location of corners of mounting clips.
3. Remove mounting clips from fixture and hold one at a time at each marked location. Now, mark the location of mounting holes.
4. Install clips with screws provided and snap lead fixture into clips.
5. Repeat steps (1-4) for each of the remaining lights.
6. Attach end cap to last fixture to complete the series and attach power cord to lead fixture. See Figure 1.

NOTE: The LED Ruler is designed for use with a switched outlet. Do not connect to a dimmer. This will void the warranty and drastically shorten the life of the fixture's LEDs.

ATTACHING POWER SUPPLY

1. When using plug-in power supply LED-DR10-350PI, connect the driver's lead wires to the lead wires of the power cord using a terminal block or wire nuts, making sure to match polarity: black and white striped lead wire is negative (to be connected to red lead from power supply); solid black lead wire is positive (to be connected to black lead from power supply).
2. When connecting a hardwire power supply, enclose the driver in a rated junction box and connect wires using a terminal block or wire nuts, making sure to match polarity (as detailed in step 1).
3. Attach lead wires with insulated staples, as necessary to secure them to the mounting surface.

LINKING UNITS

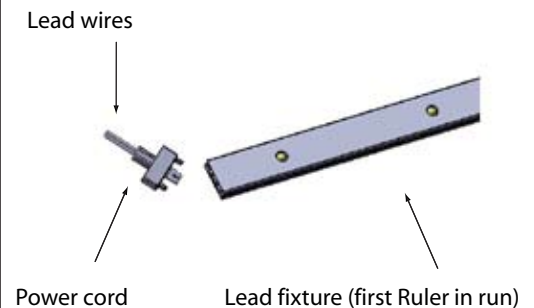
1. An inline connector is supplied with each fixture. If a 'jumper' or extension is needed, use only RULER type such as RULER-EX6 (6" length), RULER-EX12 (12" length), or RULER-EX36 (36" length); each sold separately. A corner connector (RULER-90) is sold separately for connecting fixtures at 90 degrees to each other.
2. Do not exceed the maximum wattage capacity of the power supply in any series.

NOTE: RULER-2 = 2.5 watts; RULER-3 = 3.75 watts; RULER-4 = 5 watts; RULER-5 = 6.25 watts

Table 1
Maximum Run for Compatible Drivers

Part Number	Maximum Watts	Maximum LEDs	Type
LED-DR10-350PI	10	8	Plug-in
LED-DR12-350	12	9	Hardwire
LED-DR18-350	18	14	Hardwire
LED-DR36-350D	2 x18	2 x14	Hardwire

Figure 1



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