

Quick Connect Parallel Wiring Instructions for LED Mini Cylinder

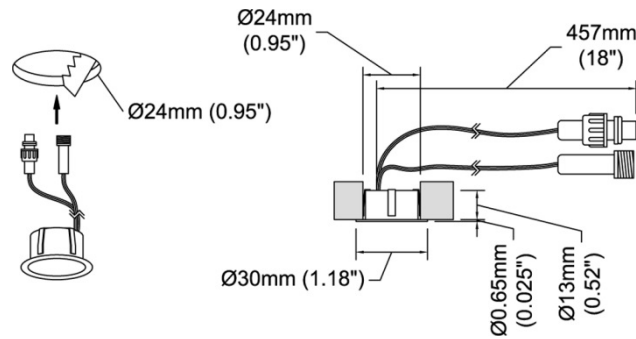
Caution

This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved. We recommend you use a licenced electrician.

To reduce the risk of fire, electric shock, or injury to persons, follow these guidelines:

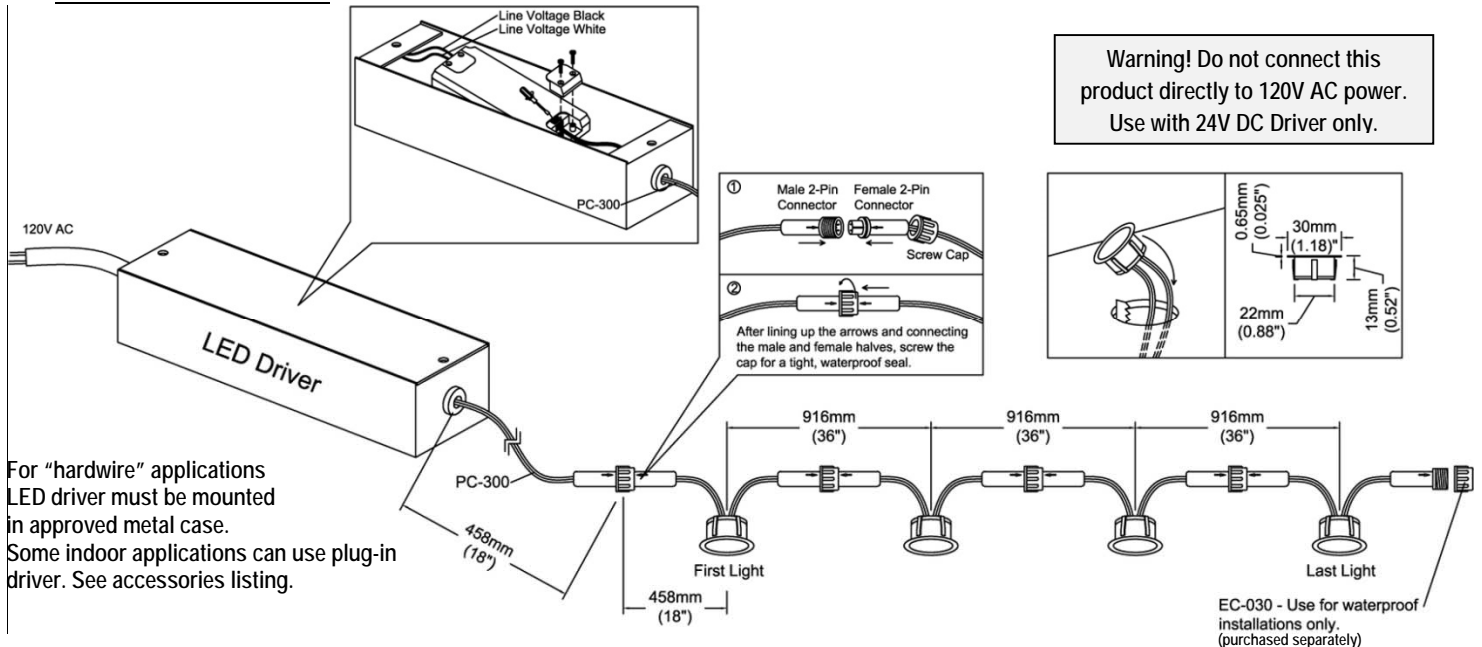
1. Indoor or outdoor application
2. Using the Quick Connections, connect all of the lights together then connect the first light to the LED driver.
Make sure the arrows on the female connector and the male connector are lined up.
3. Tighten the screw cap around the connectors to ensure a waterproof connection.
4. Connect power to driver as shown

Recessed mounting installation



- 1) Drill 24mm (0.95") hole for light.
- 2) Feed the wires with both connectors through mounting hole.
- 3) Do not cut off connectors and use marrets. This action will void the warranty.
- 4) Push light into hole. The spring clips will hold it in place firmly!
- 5) Repeat steps 1 through 4 for the remaining lights to be installed. Then follow the steps "Power up your lights"
- 6) Maximum number of lights on one Class II installation is 40 (using 30 Watt Class II driver)

POWER UP YOUR LIGHTS



1. Follow wiring instructions.
2. Use only wire harness supplied by Dainolite Ltd.
3. It is highly desirable to install LED driver within maximum 5 meters (15') of your last light.
4. Connect lead PC300 (purchased separately), to driver or use barrel connectors DCBC-52M (purchased separately) for driver output and DCBC-52F (purchased separately) for system.
5. When making connections respect polarity designations.

LED Power Supply (Class II approved)
 24V constant voltage.
 Non dimmable Drivers in metal case



- DMDR30-6 - 24V DC, 6W 5 x 1.7 x 1.25" (128 x 43 x 32mm)
- DMDR60-16 - 24V DC, 16W 5 x 1.7 x 1.25" (128 x 43 x 32mm)
- DMDR445-30 - 24V DC, 30W 8.7 x 2.9 x 1.8" (221 x 74 x 46mm)
- DMDR445-75 - 24V DC, 75W 8.7 x 2.9 x 1.8" (221 x 74 x 46mm)
- DRLED-96 - 24V DC, 96W 10.8 x 3 x 1.4" (274 x 76 x 34mm)

Plug-in non dimmable LED Driver



- PIDR-60- 24V DC, 60W 4.84 x 2.17x 1.38" (123 x 55 x 35mm)
- PIDR-96 - 24V DC, 96W 6.06 x 2.44x 1.50" (154 x 62 x 38mm)

LED Dimmable Drivers in metal case
 24V DC Class II certified

Dimmable

- DMDR43-20 - 20Watt 215 x 62 x 46mm (8.46 x 2.44 x 1.8")
- DMDR445-45 - 45Watt 220 x 73 x 45mm (8.7 x 2.9 x 1.8")

These drivers are compatible for use with **Lutron Caséta or MAELV and Legrand H700RM dimmers only. Use of any other brand or model will void warranty.**

Dimmers work best with min. load of 50%. When under this plateau, lights will flash at lowest threshold. Simply notch up dimmer until flashing stops. The Caséta series dimmer performs best with all wattage drivers!

Route power cord to nearest convenience outlet. Do not conceal power supply cord inside walls, ceiling or floors.
 Lower Wattage plug-in drivers can be made available for bulk purchases. Please contact dainolite@dainolite.ca with your requirements.

ACCESSORIES (purchased separately)

EC-030 - end cap for last terminal (use in outdoor applications only)



DCBC-53F - Female DC barrel connector.



DCBC-53M - Male DC barrel connector.



PC-300 - power cable to make connection to driver



CMG18-16 - Lo-voltage wire 18AWM-105C/600V approved for use behind walls in Class II installations (sold by the foot)



ODB-100403 - Waterproof outdoor LED driver case.



Warning:

Use only Dainolite Ltd. accessories listed on this page to insure full warranty coverage. Use LED driver to 80% capacity only. This will insure better functionality and longer life.

WARRANTY

Dainolite Ltd. offers a 5 year factory warranty from date of purchase for DLEDW-003. This warranty is expressly limited to repair or replacement of defective product only. Any consequential damages or labor costs arising from a defect are excluded.

This warranty only applies to products that have been assembled for use, using only Dainolite Ltd. components (drivers, harnesses and connectors). If any component in the finished assembly and final use is not supplied by Dainolite Ltd. said warranty is not applicable. Not all dimmers are compatible to be used with Dainolite Ltd. dimmable drivers. Consult product instruction sheet for list of approved dimmers. Use of unapproved dimmer will nullify your warranty.

Dainolite's obligation under this warranty shall not extend beyond the distributor's initial purchase price of the product. This warranty does not apply to products that have been altered, improperly installed, mishandled or misused.

DO NOT RETURN PRODUCT TO THE RETAILER.

For warranty:

Contact the factory directly in writing: Email dainolite@dainolite.ca. Include copy of purchase invoice and describe defect. A factory person will contact you directly to advise what further action will be taken.

For missing hardware or broken glass:

Contact the factory directly in writing: Email dainolite@dainolite.ca. The missing or broken parts will be shipped to you directly the same day after receipt of your email (weekend excluded).