



# PLED-04 - Installation instructions

Version française de ces instructions disponibles sur le site Internet: [www.dainolite.ca](http://www.dainolite.ca)

## Important information

### 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.

This low voltage cabinet light is suitable for mounting inside cabinet, under kitchen cabinet, furniture, shelf, display case and accent lighting.

Use only 24V DC LED driver supplied by Dainolite to max 96W for Class II installations. Do not use the full capacity of driver. We recommend 80% capacity usage. Following these guidelines will prolong the useful life of driver and LED light.

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

- a) Use only insulated staples or plastic ties to secure cords.
- b) Route and secure cords so that they will not be pinched or damaged when the cabinet is pushed to wall or permanently attached to the wall.
- c) This product is not intended for recessed installation in ceilings or soffits.
- d) The National Electrical Code (NEC) does not permit most LVT cords to be concealed where damage to insulation may go unnoticed. To prevent fire danger, do not run cord behind walls, ceilings, soffits or cabinets where it may be inaccessible for examination. Cords should be examined periodically and immediately replaced when any damage is noted.

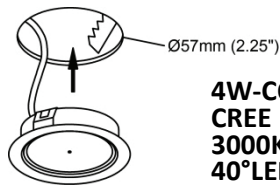
**Dainolite Ltd. offers a special cord model CMG18/16T that can be used to go behind walls and ceilings.**

**This cord meets NEC / UL / CSA standards.**

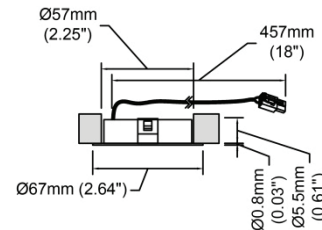
- e) This product may represent a possible shock or fire hazard if improperly installed. Install in accordance with these instructions, current electrical codes and / or the current National Electric Code (NEC). **Disconnect power prior to installation.**
- f) This product has no serviceable parts. Do not attempt to open.
- g) Do not use luminaire with a damaged lens, body or cable.

**SAVE THESE INSTRUCTIONS**

## Recessed mounting installation

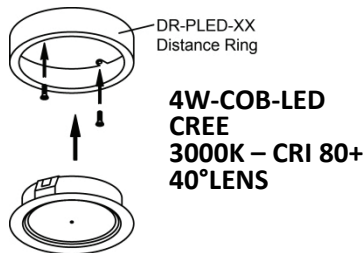


**4W-COB-LED  
CREE  
3000K – CRI 80+  
40°LENS**

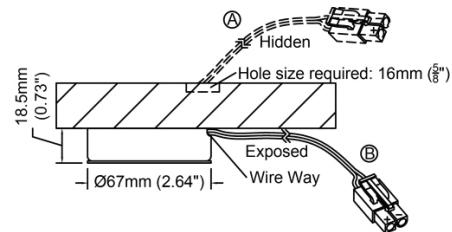


- 1) Drill 57mm (2.25") hole for puck light
- 2) Feed the LED puck wire with male connector through mounting hole and connect to female connector of wire harness (DLST42 four connector wire harness – purchased separately).
- 3) Do not cut off connectors and use marrets. This action will void the warranty. Use multiple (4) connector harness DLST42 (purchased separately) or single unit harness DLST42-5 (purchased separately).
- 4) Push puck into hole. The spring clips will hold the puck in place firmly!
- 5) Repeat steps 1 through 4 for the remaining pucks to be installed. Then follow the steps "Power up your lights"
- 6) Maximum number of pucks on one Class II installation is 19 (using 96 Watt Class II driver)

## Surface mount installation



**4W-COB-LED  
CREE  
3000K – CRI 80+  
40°LENS**



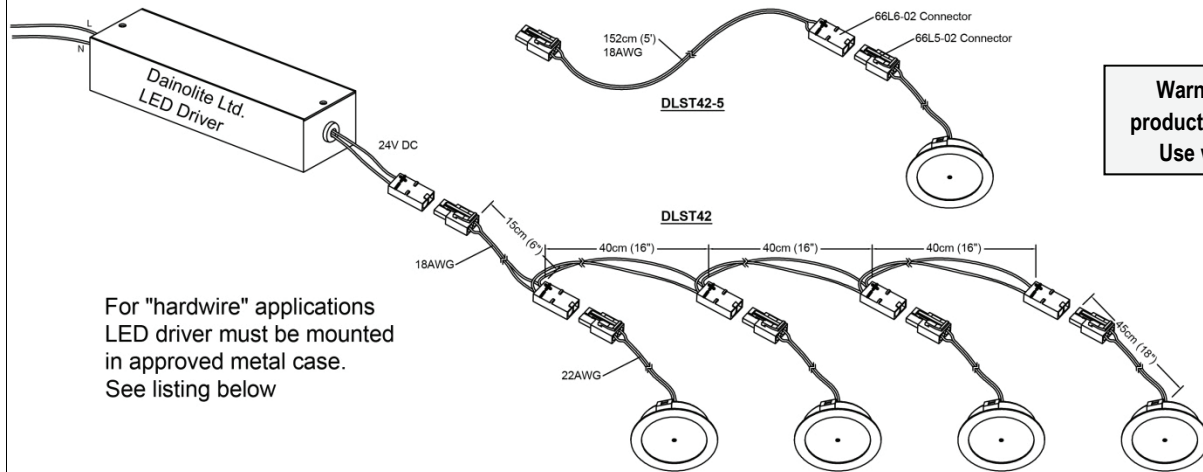
- 1) To surface mount PLED-04 use distance ring DR-PLED-XX (purchased separately).
 

**Using distance ring, installer has two options**

  - Ⓐ Pass wire through surface. Drill 16mm (5/8") hole. Attach distance ring with two screws provided. We recommend pre-drilling 1.6mm (1/16") pilot hole to help set the screw. Push puck into distance ring. Springs will hold the puck in place firmly.
  - Ⓑ Exposed wires on surface. Attach distance ring with two screws provided. We recommend pre-drilling 16mm (1/16") pilot hole to help set screw. Before attaching distance ring to surface, feed wire from puck light through "wire-way opening". Make sure wire does not get crimped during installation. Tighten distance ring to surface then push puck into distance ring. Springs will hold the puck in place firmly.
- 2) Do not cut off connectors and use marrets. This action will void warranty. Use multiple (4) connector harness DLST42 (purchased separately) or single unit harness DLST42-5 (purchased separately).
- 3) Repeat A or B for remaining pucks to be installed.
 

Position distance ring so that the wire-way openings align - all facing the back of the cabinet. Maximum number of pucks on one Class II installation is 19 (using 96Watt Class II driver)
- 4) Follow steps for "Power up your Lights"

## POWER UP YOUR LIGHTS



For "hardwire" applications LED driver must be mounted in approved metal case. See listing below

1. Whether lights are surface mounted or recessed mounted the wiring procedure remains the same.
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 harness to lead from LED Driver. Connectors are male and female and can be used in any sequence. If the distance between the connectors is greater than on the harness, do not use that connector but move on to the next closest one. For greater distance than 1.2M (48") connect two harnesses together or use extension DLST42-5 (purchased separately).
5. For "hardwire" applications from remote location see detailed instructions on website dainolite.ca.

### LED Hardwire Drivers with case

24V DC Class II certified

#### Non dimmable

DMDR60-16 - 16Watt	120 x 43 x 32mm (5 x 1.7 x 1.26")
DMDR445-30 - 30Watt	220 x 73 x 45mm (8.7 x 2.9 x 1.8")
DMDR445-75 - 75Watt	220 x 73 x 45mm (8.7 x 2.9 x 1.8")
DRLED96 - 96Watt	274 x 76 x 34mm (10.8 x 3 x 1.4")

### LED Hardwire Drivers with case

24V DC Class II certified

#### Dimmable

DMDR43-20 - 20Watt	215 x 62 x 46mm (8.46 x 2.44 x 1.8")
DMDR43-30 - 30Watt	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")

Driver requires a minimum load of half its total capacity.

These drivers are compatible for use with **LUTRON DVELV or DVCL type dimmer only. Use of any other brand or model will void warranty.**

### Plug-in Drivers

24V DC Class II certified

PIDR-60 - 60Watt	123 x 55 x 35mm (4.84 x 2.17 x 1.38")
PIDR-96 - 96Watt	154 x 62 x 38mm (6.06 x 2.44 x 1.50")

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](mailto:dainolite@dainolite.ca) with your requirements.

### WARRANTY

Dainolite Ltd. offers a 3 year factory warranty from date of purchase on all LED products. 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](mailto: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](mailto:dainolite@dainolite.ca). The missing or broken parts will be shipped to you directly the same day after receipt of your email (weekend excluded).