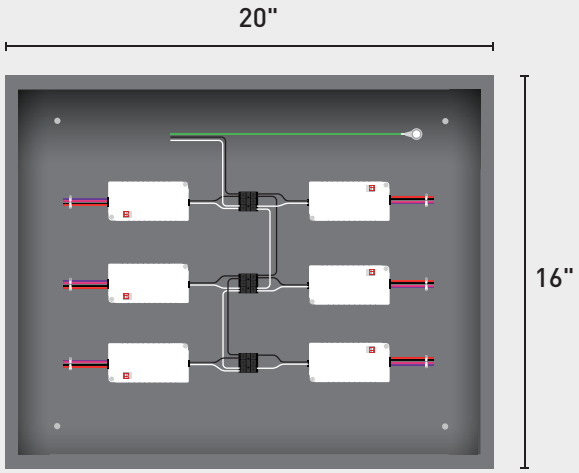
Drivers and Enclosure Guide

Enclosures (Optional)

All remote drivers require enclosures by code. Euchips makes your specification process easier by offering different driver enclosures to fulfill all of your project needs. See options below.

6-Driver pre-wired
Enclosure houses up to
6 dimming drivers.



EUCHIPS offers applications assistance for configuration of remote drivers and remote driver enclosures.

1.Contact your local euchips representative with your project's light fixture specification and zoning information.

2.EUCHIPS's application team will provide support to configure and specify enclosures for your project.

CAUTION READ BEFORE INSTALLATION

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.
THIS PRODUCT MUST BE INSTALLED BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED, IN ACCORDANCE
WITH THE APPLICABLE NEC CODE.

- Switch off main power before installing or maintaining enclosures.
- Enclosures must be installed in applications where the ambient temperature does not exceed 25°C during normal operation.
- DO NOT connect or disconnect fi xtures to remote drivers within enclosure when drivers are energized, as this may result in permanent damage to the LED array.
- We will not accept any warranty claims if incorrect driver or light engine is used.

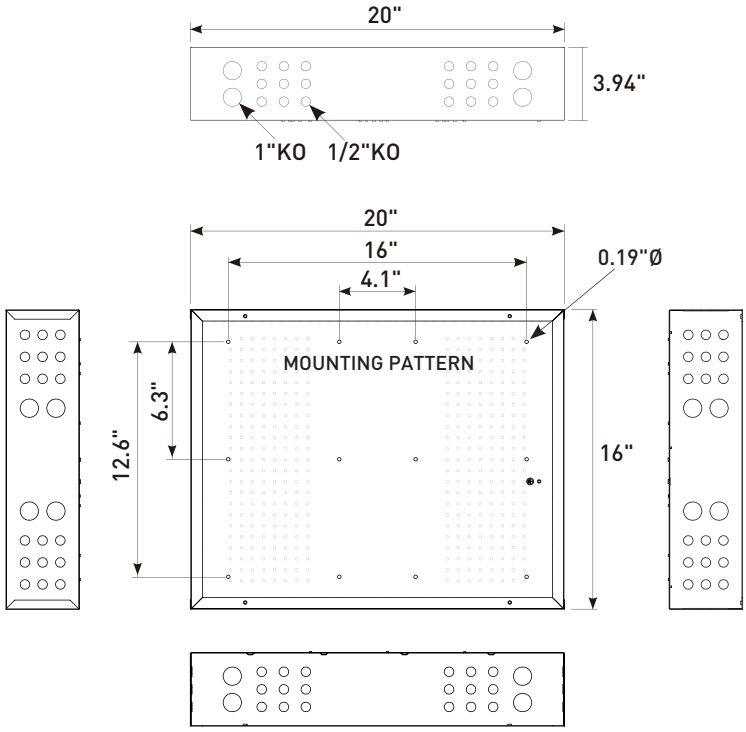
ENCLOSURE INSTALLATION:

1. Remove enclosure cover by loosening (4) #8-32 Pan head screws to access twelve mounting holes indicated.
2. Secure enclosure to surface using (6/4/3) #8 or #10 screws (not provided).
3. Enclosure MUST be surface mounted and is not intended for recessed mounting.
4. After electrical connections are made, reattach enclosure cover.

Required tools:

- #2 screwdriver

2016 ENCLOSURE DIMENSIONS

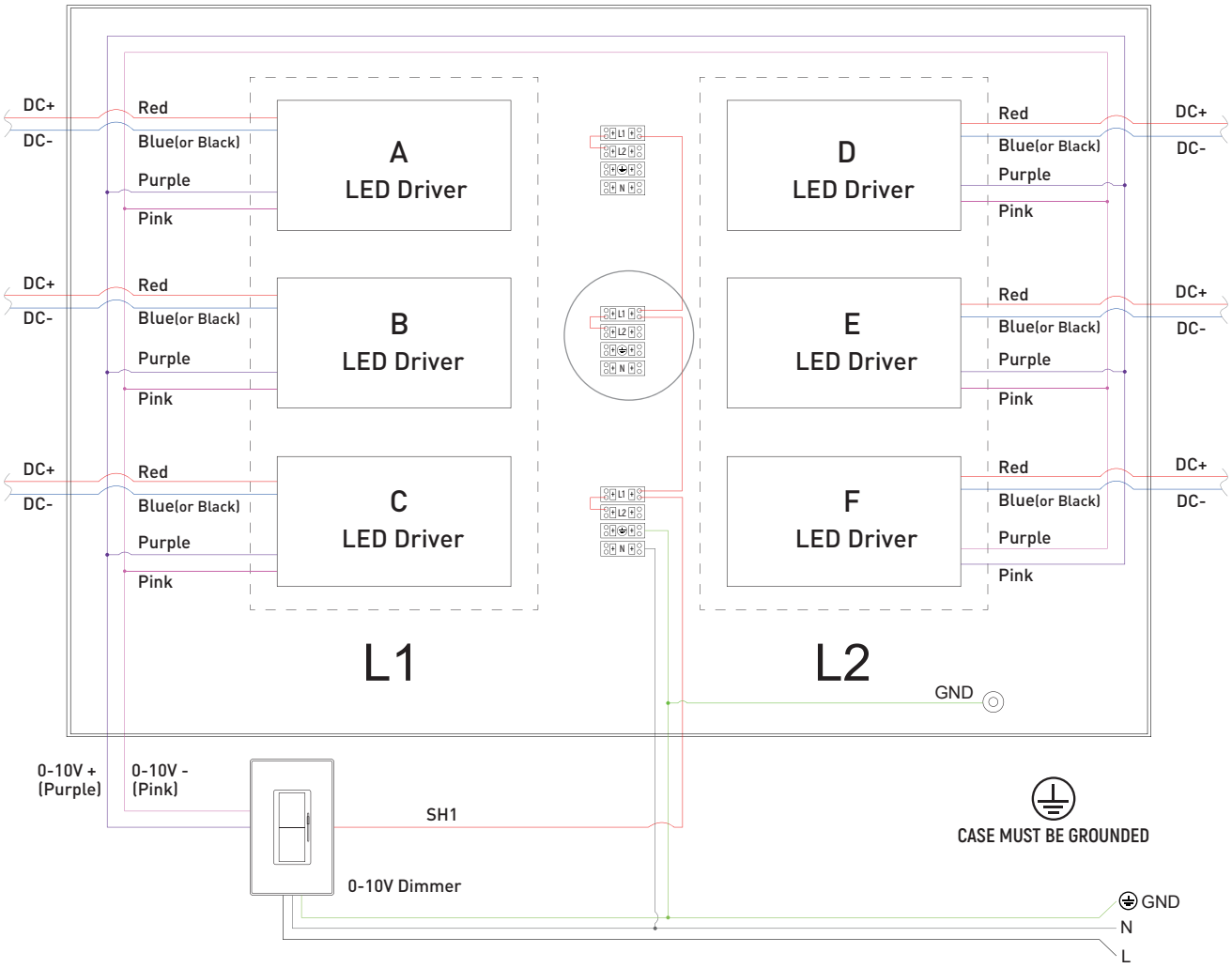


NOTES:

1. Remote Power Supplies can only be used with specific fixture types. Confirm power supply compatibility on light fixture label.
2. Different fixture types cannot be combined on a single Remote Power Supply (e.g., 7W and 9W cannot be used on the same Remote Power Supply). Multiple fixtures on a single power supply must have identical power requirements.
3. Field wiring should be according to NEC code; per article 411.7, all connections per enclosure must be made to a single branch circuit
4. Electrical engineer and/or electrician on site is responsible to ensure compliance with all local and national codes
5. All switched hot connections to the remote power supplies are made in the field by qualified electrician for maximum zoning flexibility.
6. All remote power supplies have a common neutral connection
7. Electrical engineer and/or electrician on site is responsible for ensuring circuit and dimmer loads are within specifi cations
8. The enclosure is secured by screws, the wires are connected via terminals inside the box, and then linked to the mains power supply.
9. Case must be grounded

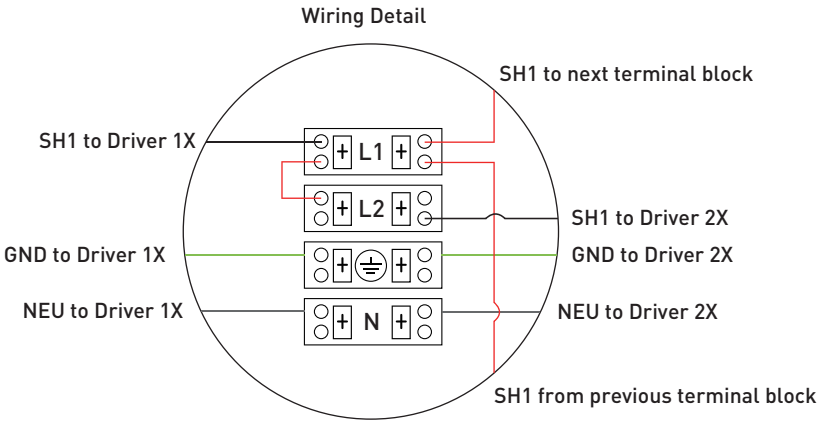
0-10V Wiring Instructions

0-10V Dimming



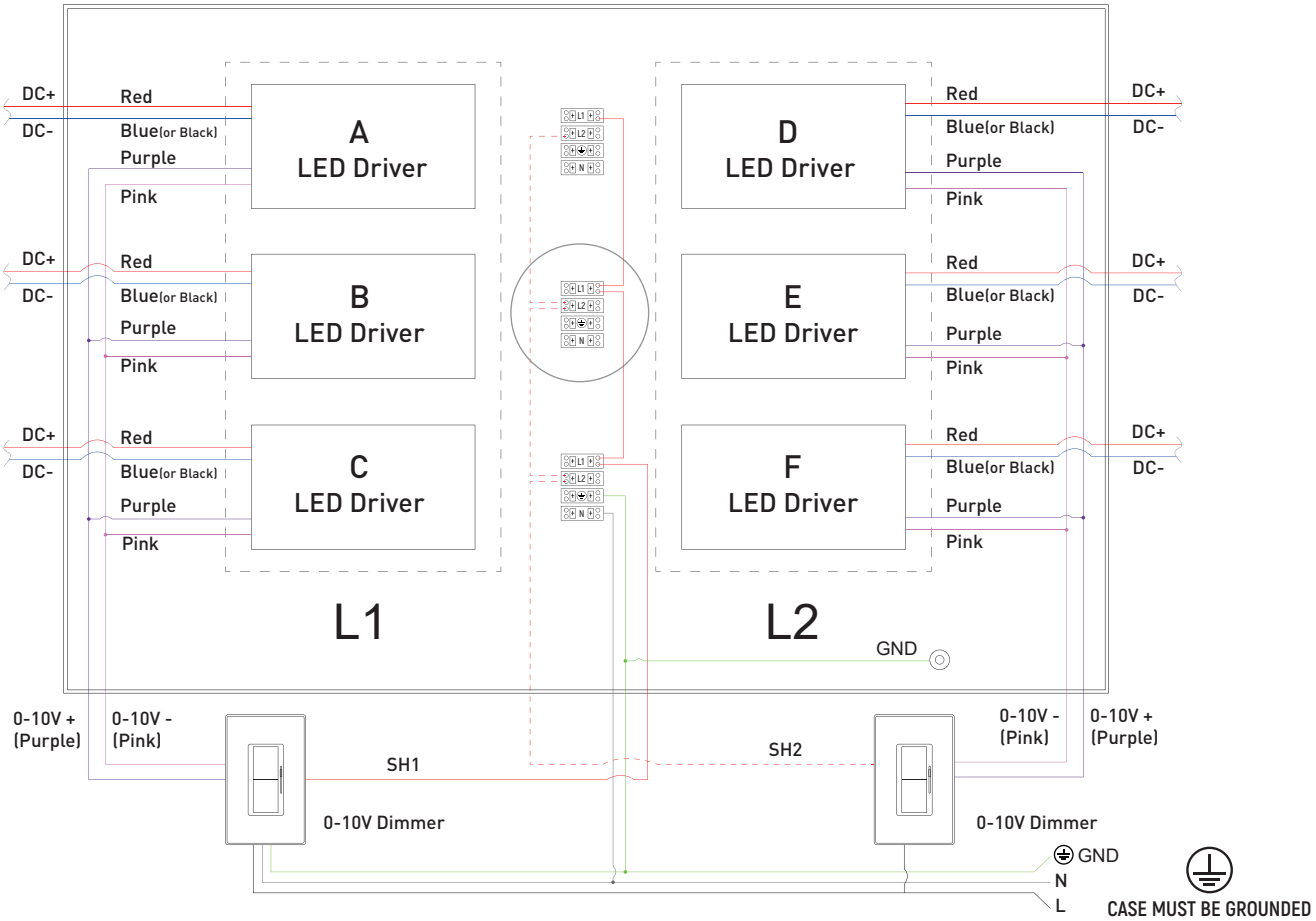
Installer Supplied Switch Hot Wiring 20-12AWG

To have remote power supplies on single switched hot, installer to use jumper from L1 to L2 on each terminal block and use jumper from L1 to L1 from one terminal block to the next



0-10V Wiring Instructions

0-10V MULTIPLE SWITCHED HOTS
REPRESENTATIVE DRAWING. ALL DRIVERS CAN BE SWITCHED INDEPENDENTLY.
REQUIRES A SINGLE BRANCH CIRCUIT.



Installer Supplied Switch Hot
Wiring 20-12AWG

To switch L1 remote power supplies together, installer to use jumper from L1 to L1 from one terminal block to the next. To switch L2 remote power supplies together, installer to use jumper from L2 to L2 from one terminal block to the next.