

**⚠ WARNING**

Risk of electrical shock. Disconnect power before servicing or installing luminaire.

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Risk of injury or damage. Luminaire will fail if not installed properly. Follow installation instructions.

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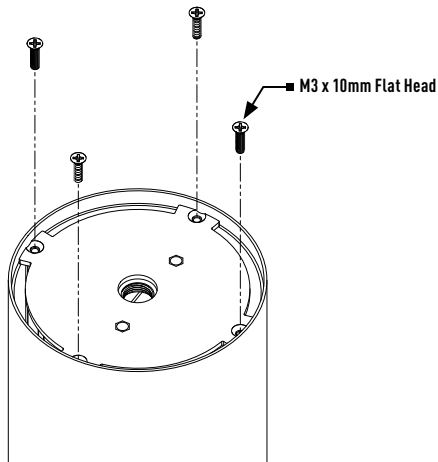
Risk of injury. Wear safety glasses and gloves during installation and servicing. Allow ample time to cool before handling.

**IMPORTANT SAFETY INSTRUCTIONS**

- Read all installation instructions before installing. It is important to save these instructions.
- Only install and connect LED module with power disconnected at the circuit breaker. Hot plugging, or connecting the module with power on, could damage the LEDs and is not covered by warranty.
- Observe and follow all label information and instructions regarding dry, damp and wet location listings, proper Intense LED module, warnings of installation near combustible materials and/or insulation.
- Be sure to connect ground wire to prevent electric shock or other potential hazards.
- The product must be installed in a manner consistent with the intended use and in compliance with the national electrical codes and local codes by a person familiar with the construction and operation of the product and the hazards involved.
- **WARNING:** Use only Intense Lighting trims listed for use with this fixture. Use of trims other than those listed by Intense Lighting is a violation of N.E.C 110-3(B) and voids all warranties.

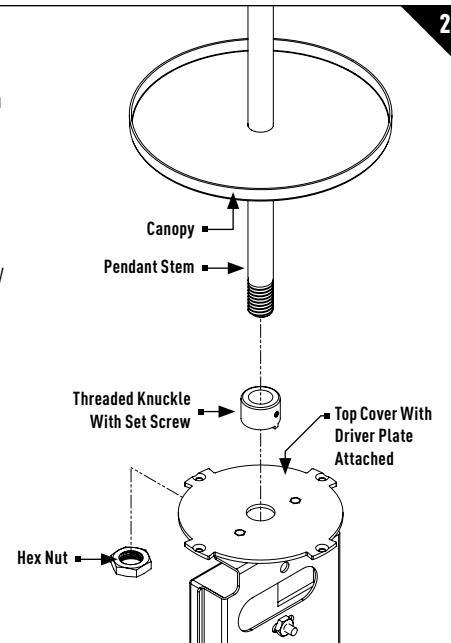
**TOP COVER REMOVAL:**

1. Remove all four M3 x 10mm flat head fasteners and keep for use on lid replacement.



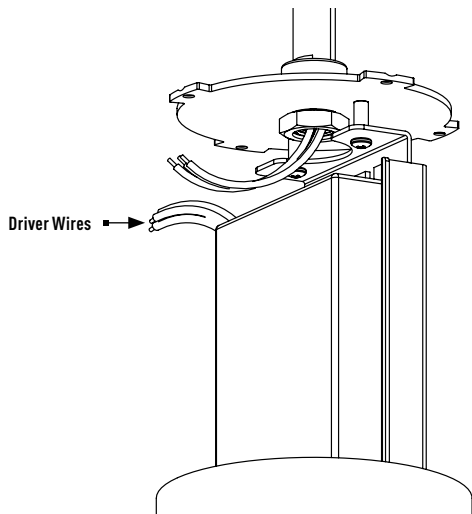
**FASTENING PENDANT STEM TO FIXTURE:**

1. Slide pendant stem through canopy and screw one hex nut before lid and another after lid. Leave 1/4" of pendant thread after lid. Tighten hex nuts together and ensure stem is securely fastened to lid.



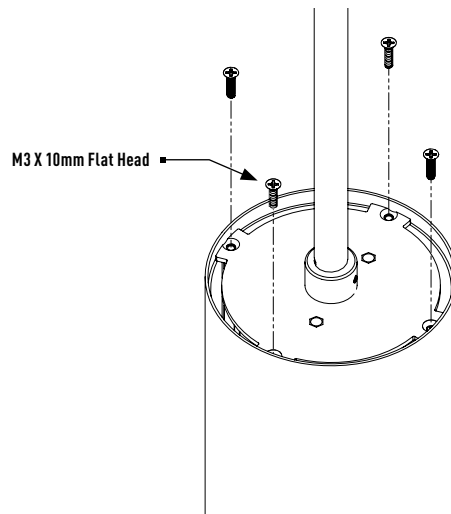
**WIRING PENDANT STEM:**

1. Feed wires through pendant stem
2. Make necessary wire connections securely



**TOP COVER INSTALL:**

1. Replace top cover with four M3 x 10mm flat head fasteners



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**ATTACH MOUNTING BRACKET TO JUNCTION BOX:**

1. Attach universal plate to junction box
2. Run wires through center clearance area of universal plate
3. Attach universal mounting plate to junction box by 2 x 8-32 pan head screws
4. Insure universal plate is flush to ceiling line and free of joint compound and debris

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**ELECTRICAL CONNECTIONS**

1. Make electrical connections through the clearance area of the universal plate
2. Connect ground wire from universal mounting plate to green (ground) supply wire and ground wire from fixture, white wire from cylinder to white (neutral) supply wire and black wire from cylinder to black (hot) supply wire. Use UL listed connectors or wire nuts (by others) to make the connections. Connect dimming wires if applicable, see page 4 & 5.

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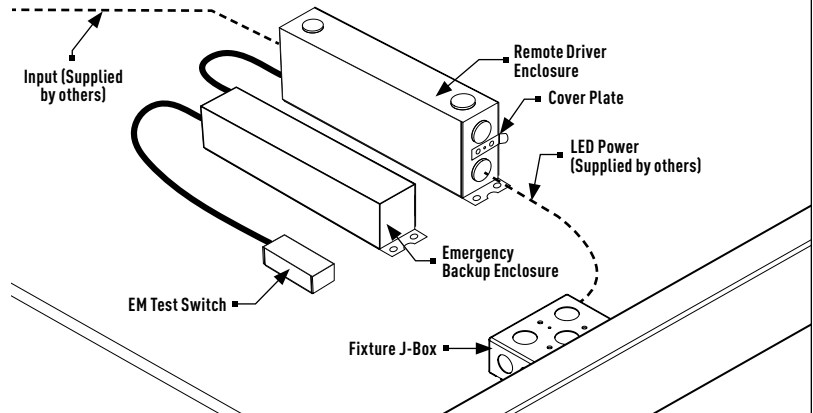
**STEM ATTACHMENT TO UNIVERSAL PLATE**

1. Make sure to leave a slight space between supplied hex nuts attached to the stem
2. Hang the stem onto the universal plate at the center retaining area, making sure wire connections are inside jbox area and securing canopy cover in position as shown
3. Tighten bottom hex nut below the universal plate to secure stem attachment
4. Place canopy cover against the universal plate for toolless attachment

### Remote Driver Housing Installation

#### REMOTE BOX INSTALLATION

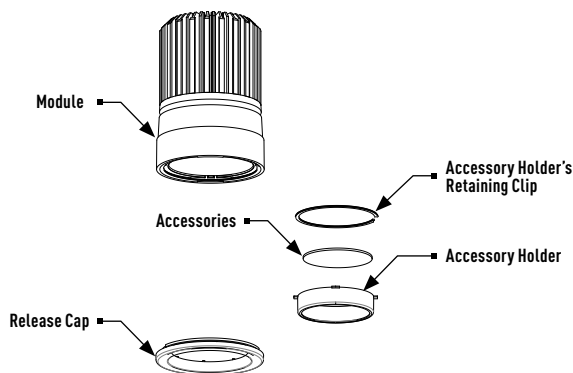
1. Attach remote box at two 1/4" holes on 6 inch centers with frame in installation hardware (supplied by others)
2. Remove cover plate
3. Remove required knockouts and run conduit to junction box fixture is attached to (\*\*maximum 50 feet length from fixture")
4. Run connecting wires for LED driver class 2 by local and national electrical regulations, minimum 18 AWG wire and at maximum 50 feet length
5. Make electrical connections (see wiring diagram at the end of this document)
6. Reinstall cover plate with supplied 8-32 hardware, insure wires are clear of box edges not pinched or damaged when cover is screwed down



### Accessory & Optics Installation

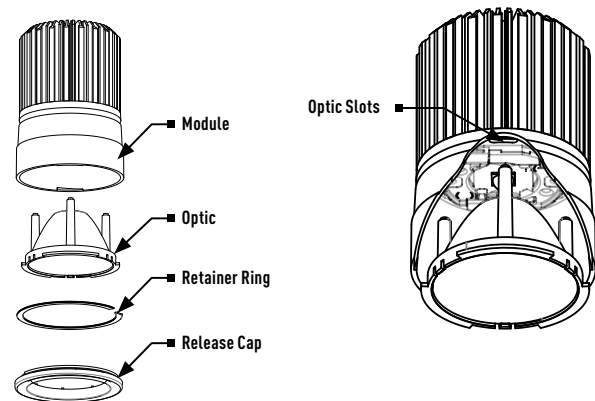
#### ACCESSORY HOLDER:

1. Rotate release cap by turning counter clockwise.
2. Install accessories into accessory holder and replace accessory holder's retaining clip.
3. Place accessory holder and accessory flush against optic and replace release cap.



#### OPTIC REPLACEMENT:

1. Remove trim, then remove module from channel and disconnect quick connect.
2. Rotate release cap by turning counter clockwise.
3. Set cap and retainer ring aside and change optics.
4. Align optic pins to slots in module.



### MODULE REMOVAL

1. Check that power is off at breaker, hot plugging may damage leds
  2. Remove Trim (see figure.1)
  3. Insert #1 flat head screw driver between optic and module cap as shown on detail call out (round pendant only, square pendant use finger to grip module at cap) pull down gently (see figure.2)
  4. **\*Take caution not to scratch surface of optic during this step, use #1 flat screw, larger screw driver may damage module\***
  5. Grasp module with hand and fully remove from housing (see figure 3)
  6. Disconnect quick connect from fixture to module
  7. Install Follow Steps In Reverse
- \*Snap module into channel and confirm module sits parallel to ceiling line and is securely fastened into fixture before reattaching trim or turning power back on to fixture\*

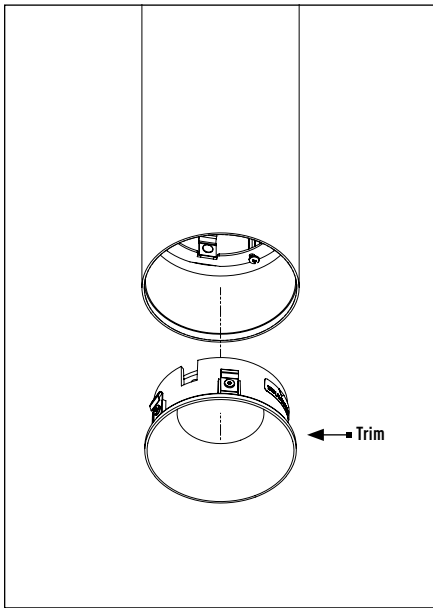


figure 1

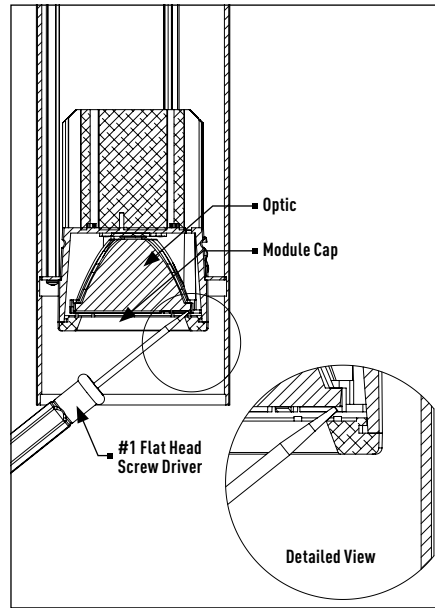


figure 2

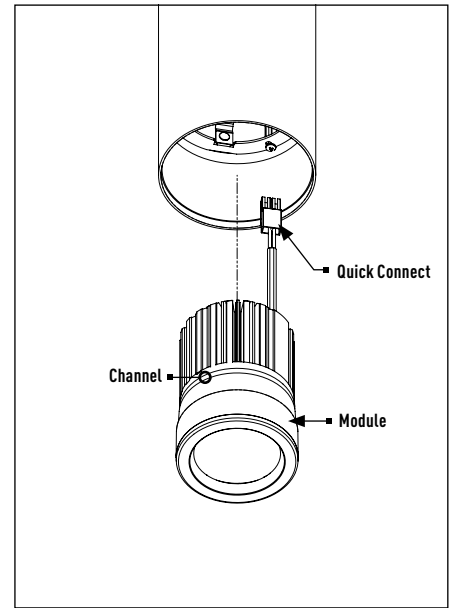


figure 3

# WIRING & DIMMING COMPATIBILITY

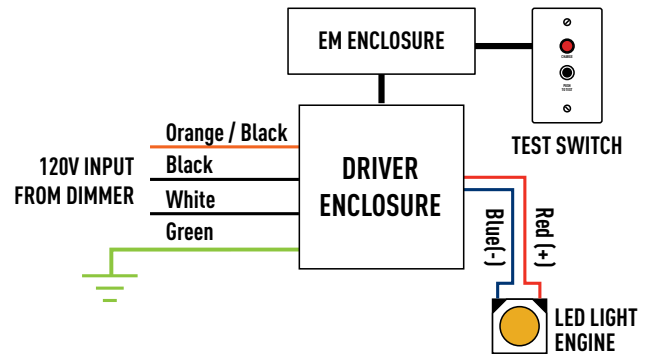
For use with all Intense Lighting product with supported dimming options.  
Please check configuration of product for correct dimming protocol.

## Phase Dimming or Lutron® LTEA2W Hi-Lume 2-Wire

- 120V Only
- Forward 1% / Reverse 5%

### COMPATIBLE DIMMERS

Product	Part Number(s)	Type
Leviton	IPE04	Reverse
Leviton	IPI06-1LZ	Forward
Leviton	6633-P	Forward
Lutron	DVELV300P	Reverse
Lutron	DVCL-153P	Forward
Lutron	S600P	Forward
Cooper	DLC03P	Forward
Cooper	DAL06P	Forward

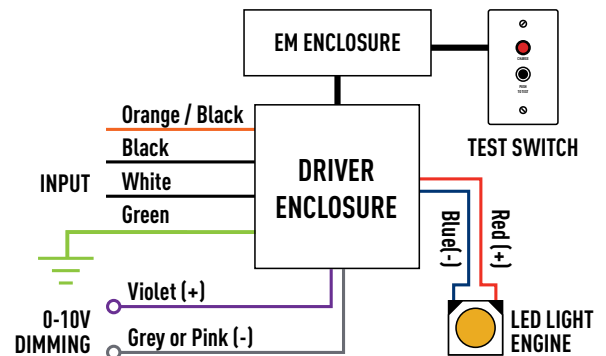


## 0-10V Dimming

- 120V or 277V
- Dims down to 1% or 0.1% light output
- Consult dimming manufacturer for installation instructions and power packs

### COMPATIBLE DIMMERS

Manufacturer	Part Number(s)
HUNT	PS-010-IV-120V, PS-010-WH-120V, PS-010-3W-IV-120, PS-010-3W-WH-120V, PS-010-IV-277V, PS-010-WH-277V, PS-010-3W-IV-277V, PS-010-3W-WH-277V, FD-010: PS-IFC-010-IV, PS-IFC-010-WH-120/277V, FD-010: PS-IFC-010-3W-IV, PS-IFC-010-3W-WH-120/277V, FD-010-120V, FD-010-277V
Leviton	Leviton Centura Fluorescent Control System, IlLumaTech™ IP7 Series, DPSPE-212
Lightotier	ZP600FAM120, MP1500FAM120, V2000FAMU
Lithonia	LEQ BC, LEQ LVBC, SLD LVBC, SQ1DC
Lutron	DVTV, NTFTV
Synergy	ISD BC 120/277

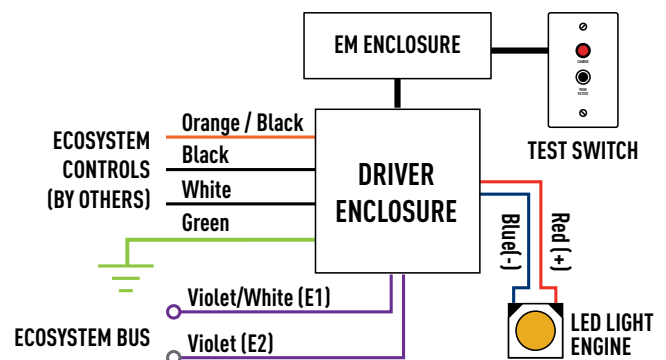


## Lutron® LDE1 Hi-Lume EcoSystem

- 120V or 277V
- Dims down to 1%
- Consult dimming manufacturer for installation instructions

### COMPATIBLE DIMMERS

Product	Part Number(s)
EcoSystem	CS-1L-WM, CS-2L-WM, CS-1L-CM, CS-2L-CM, EcoSystem ESN, Grafik Eye QS with EcoSystem, Quantum

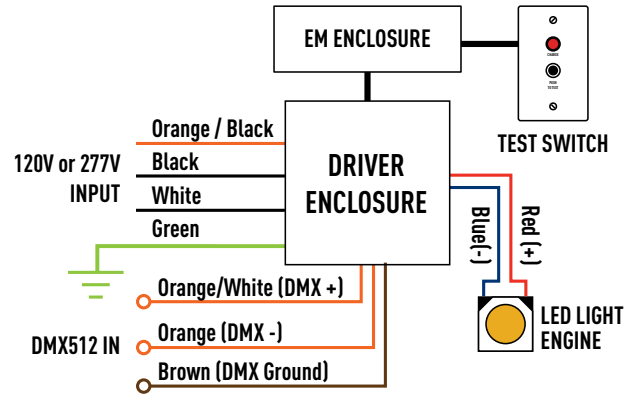


# WIRING & DIMMING COMPATIBILITY

For use with all Intense Lighting product with supported dimming options.  
Please check configuration of product for correct dimming protocol.

## DMX512 RDM (Cylinders without RJ45)

- 120V or 277V
- Dims Down to 0.1% Light Output
- RDM Channel Programmable



## DALI

- 120V or 277V
- Dims down to 0.1%

