Installation Instructions
4″ Gravity Cylinder Remote Emergency Backup - Cable Mounted

> ⚠ **WARNING**
>
> Risk of electrical shock. Disconnect power before servicing or installing luminaire.

> ⚠ **WARNING**
>
> Risk of injury or damage. Luminaire will fail if not installed properly. Follow installation instructions.
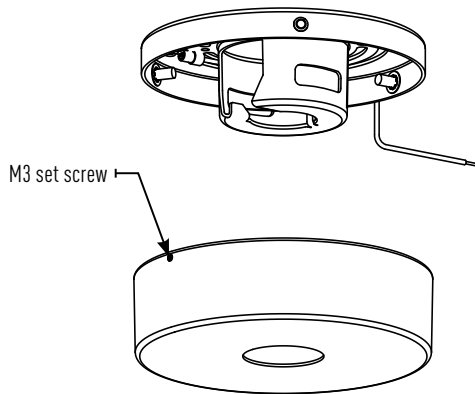
> ⚠ **WARNING**
>
> Risk of injury. Wear safety glasses and gloves during installation and servicing. Allow ample time to cool before handling.

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.
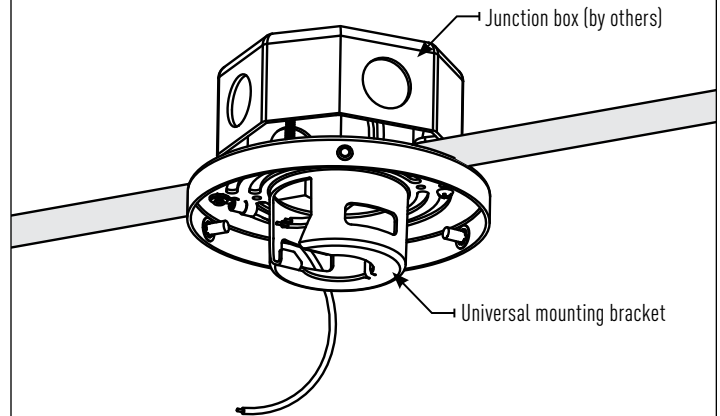

REMOVE CANOPY: — 1

1. Loosen M3 slotted set screw with a flat head screwdriver, pull canopy down to remove (twist clockwise or counter clockwise if hard to remove).
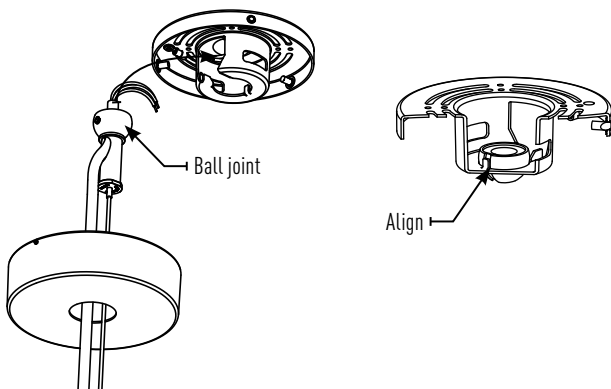

M3 set screw

ATTACH MOUNTING BRACKET TO JUNCTION BOX: — 2

1. Attach universal mounting bracket to junction box (by others) using hardware supplied.

Junction box (by others)

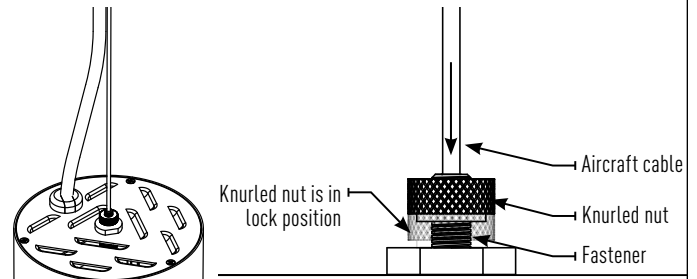Universal mounting bracket

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SUSPEND BALL JOINT: — 3

1. Thread end ball joint through canopy and insert through opening on universal mounting bracket.
2. Align the groove on the ball joint with the tab on the universal mounting bracket, opposite of the opening.

Ball joint

Align

FASTENING AIRCRAFT CABLE TO LID: — 4

1. Loosen knurled nut counter clockwise to top of fastener, then depress knurled nut and slide aircraft cable into housing until fixture is at desired height.
2. Turn knurled nut clockwise until tight to lock cable into position.
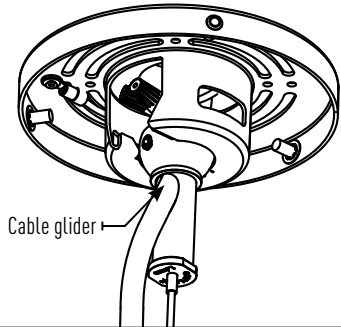

Knurled nut is in lock position

Aircraft cable

Knurled nut

Fastener

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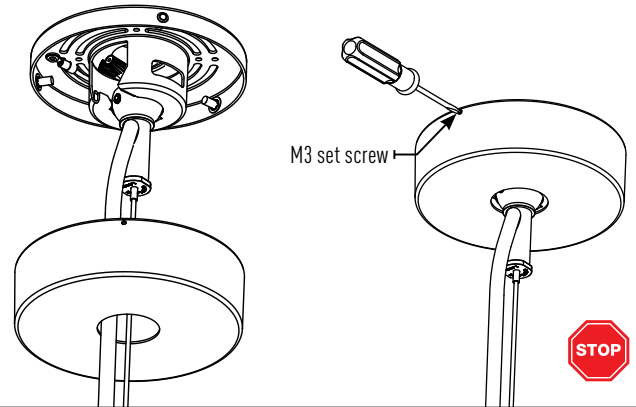
ELECTRICAL CONNECTIONS: | 5

1. Pull excess power cable through cable glider.
2. Make electrical connections side of universal mounting bracket.
3. Connect ground wire from universal mounting bracket 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.

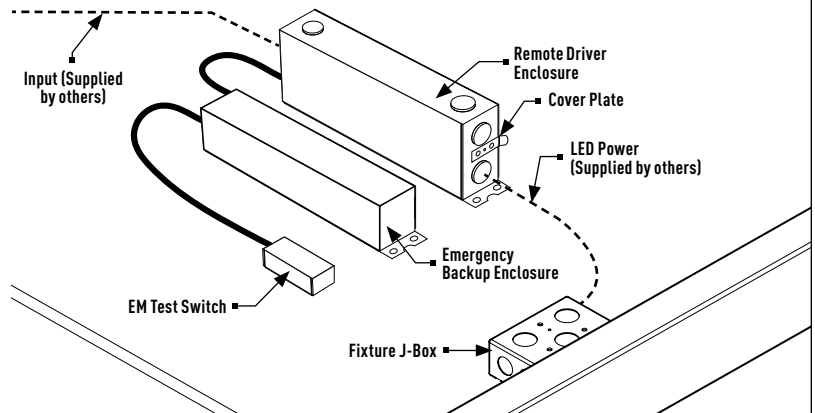Cable glider

MOUNT CANOPY: | 6

1. Slide canopy up and snap into the universal mounting bracket. May need to loosen M3 slotted set screw for clearance of canopy.
2. Tighten M3 slotted set screw with a flat head screwdriver.

M3 set screw
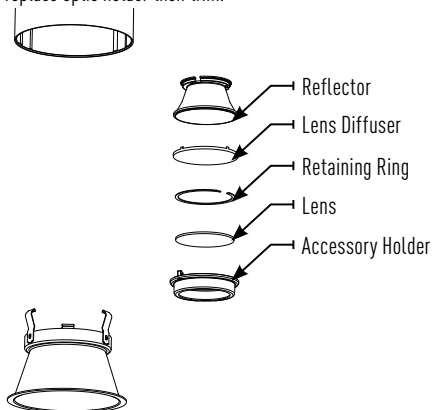
STOP

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

Input (Supplied by others)
Remote Driver Enclosure
Cover Plate
LED Power (Supplied by others)
EM Test Switch
Emergency Backup Enclosure
Fixture J-Box

REPLACING OPTICS / INSTALLING ACCESSORIES:

1. Remove trim, then remove optic holder from cylinder.
2. Remove retaining ring that secures optic, then remove optic.
3. Install accessory in optic holder and/or insert new optic.
4. Secure retaining ring and replace optic holder then trim.

Reflector
Lens Diffuser
Retaining Ring
Lens
Accessory Holder

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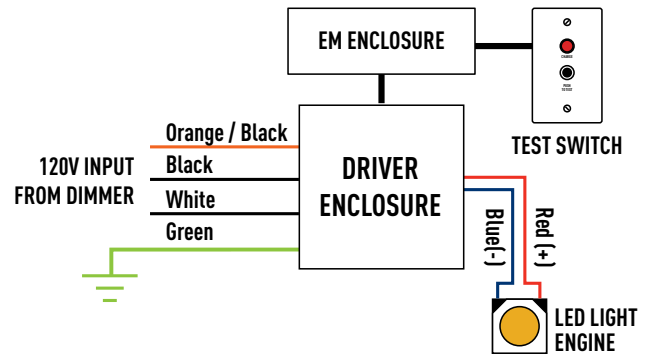
WIRING & DIMMING COMPATIBILITY

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

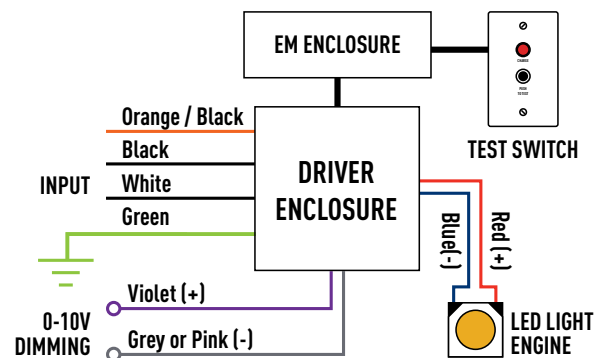| Product	Part Number(s)	Type
Leviton	IPE04	Reverse
Leviton	IPI06-1LZ	Forward
Leviton	6633-P	Forward
Lutron	DVELV300P	Reverse
Lutron	DVCL-153P	Forward
Lutron	S600P	Forward
Cooper	DLC03P	Forward
Cooper	DAL06P	Forward

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

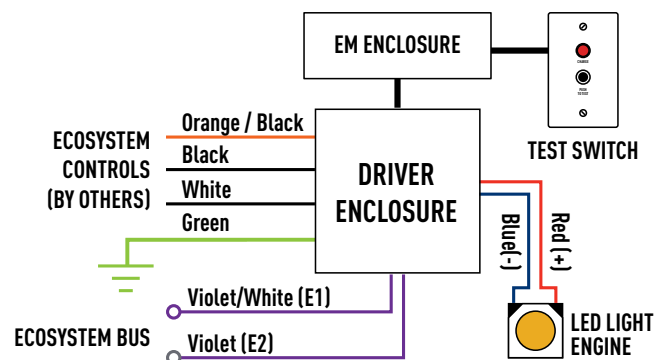| Manufacturer	Part Number(s)
HUNT	PS-010-IV-120V, PS-010-WH-120V, PS-010-3W-IV-120, PS-010-3W-WH-120V, PS-010-IV-277V, PS-010-WH-277V, PS-010-3W-IV-277V, PS-010-3W-WH-277V, FD-010: PS-IFC-010-IV, PS-IFC-010-WH-120/277V, FD-010: PS-IFC-010-3W-IV, PS-IFC-010-3W-WH-120/277V, FD-010-120V, FD-010-277V
Leviton	Leviton Centura Fluorescent Control System, IllumaTech™ IP7 Series, DPSPE-212
Lightolier	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

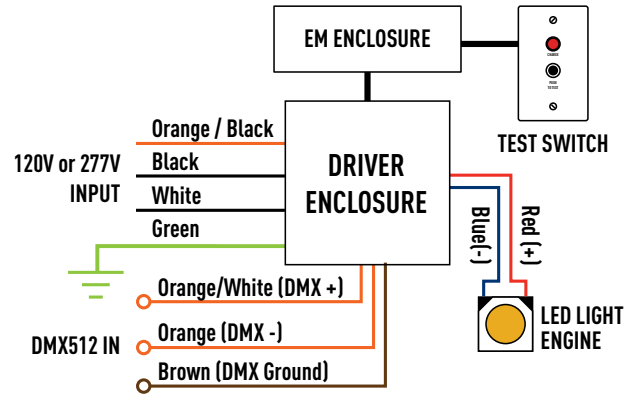| Product	Part Number(s)
EcoSystem	CS-1L-WM, CS-2L-WM, CS-1L-CM, CS-2L-CM, EcoSystem ESN, Grafik Eye QS with EcoSystem, Quantum

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

EM ENCLOSURE

TEST SWITCH

Orange / Black

120V or 277V INPUT
Black
White
Green

DRIVER ENCLOSURE

Blue(-)
Red (+)

Orange/White (DMX +)
Orange (DMX -)

DMX512 IN

Brown (DMX Ground)

LED LIGHT ENGINE

DALI

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

EM ENCLOSURE

TEST SWITCH

Orange / Black

120V or 277V INPUT
Black
White
Green

DRIVER ENCLOSURE

Blue(-)
Red (+)

Orange (DALI DA)
Orange/White (DALI DA)

LED LIGHT ENGINE

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