

Installation Instructions

IS-R1084R3

1 of 8

For Use With Gravity 2-inch Shallow New Construction Downlight
(GDS2DR & GDS2DS)

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.

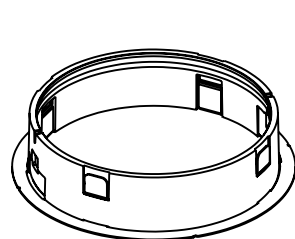
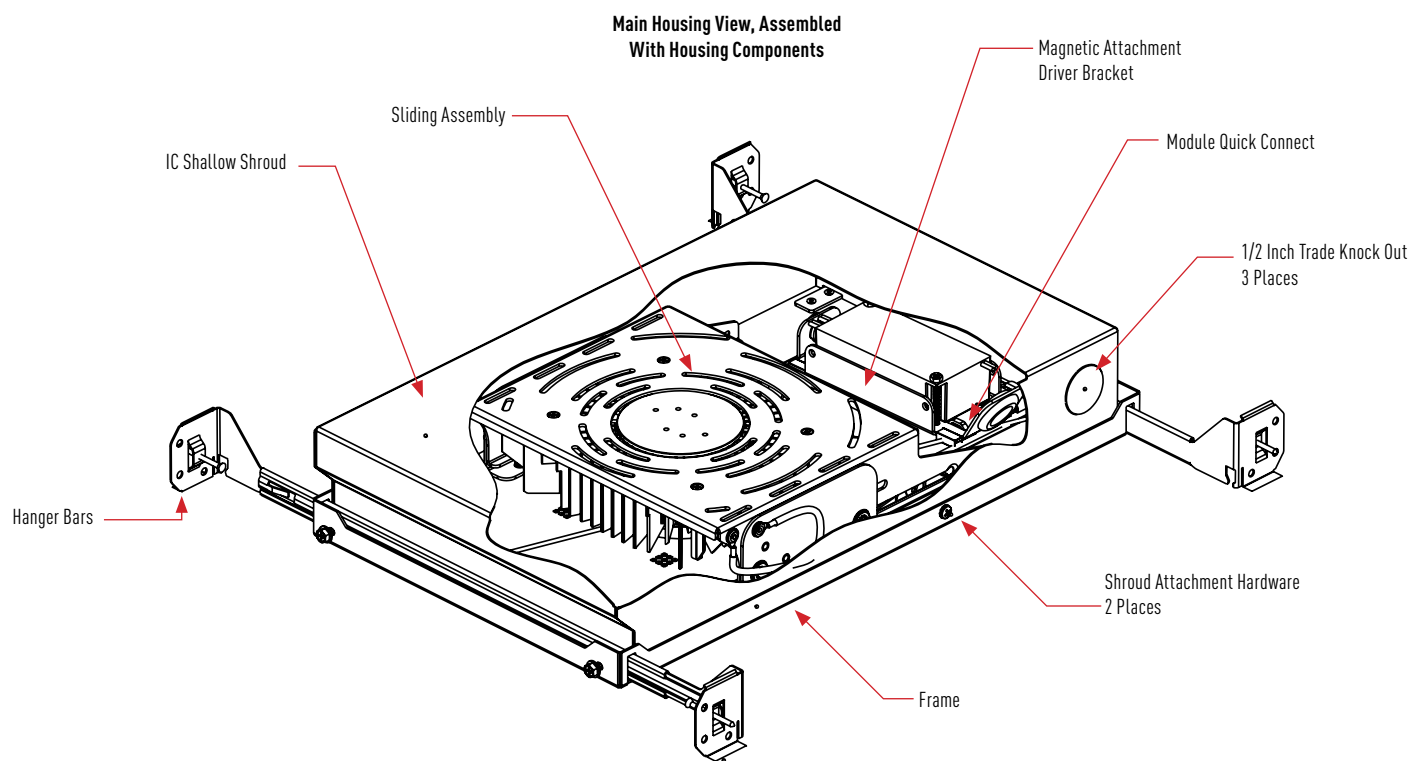
WARNING

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

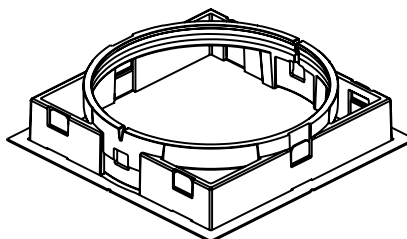
IMPORTANT SAFETY INSTRUCTIONS

- 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.
- Connectors on modules and approved housings are keyed for specific voltage combinations; do not force or attempt to bypass connectors.
- 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.
- Turn off power at circuit breaker before attempting to install or perform maintenance on the fixtures.
- 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.
- Do not block the trim aperture as this may cause unsafe operating conditions.
- WARNING: RISK OF FIRE.** Non-IC fixture requires that insulation must be kept at least 3" away from all sides of the fixture. Minimum of 90°C supply conductors. Consult a qualified electrician before installation.

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.



Round Collar



Square Collar

Standalone Optics

IP-0P45NS	(7° Narrow Spot)
IP-0P45SP	(16° Spot)
IP-0P45NF	(24° Narrow Flood)
IP-0P45FL	(36° Flood)
IP-0P45WF	(48° Wide Flood)
IP-0P45VF	(60° Very Wide Flood)

Available Filter Media

PFL2-45	Hex Louver
PFL4-45	Soft Focus Film

INSTRUCTIONS LHM-01062022 P-1

INTENSE LIGHTING | 3340 E La Palma Ave, Anaheim, CA 92806 | tel 714 630-9877 | fax 714 630-9883

For Intense Lighting's limited product warranty, go to www.intenselighting.com. For a printed copy of the warranty, you may call 800 961-5321.

© 2022 Intense Lighting, LLC. All rights reserved. Note: This document is subject to change without notice.

Installation Instructions

For Use With Gravity 2-inch Shallow New Construction Downlight (GDS2DR & GDS2DS)

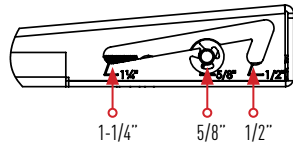
COLLAR HEIGHT SETTING:

Before installing new construction shallow frame into ceiling, slide shallow mechanism forward and set tension to ceiling thickness as indicated (tension hardware not accessible in ceiling because of small aperture size) slide mechanism back to the downlight position.

- 1/2" setting for single 1/2" sheet rock or laminated MDF
- 5/8" setting for single 5/8" sheet rock
- 1-1/4" setting for double 5/8" sheet rock (consult factory for thicker ceilings)

NOTE: COLLAR HEIGHT MUST BE SET BEFORE INSTALLATION OF FIXTURE. COLLAR HEIGHT CAN NOT BE SET AFTER CEILING IS CLOSED.

Ceiling Height Adjustment Settings



Ceiling Height Adjustment Hardware

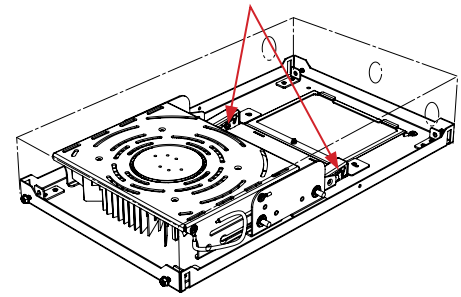
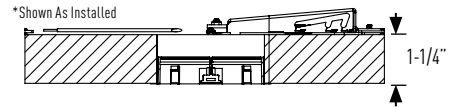
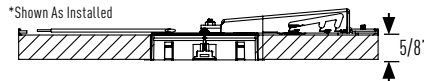
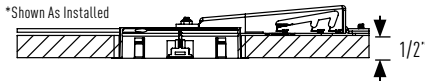


Fig. 1

Fig. 2

Fig. 3



1

ELECTRICAL ACCESS:

1. Remove access panel by removing M3 flathead fastener (replace when finished)
2. Run conduit to connection (provided by others) leave no less than 12" of wire inside shroud for driver service access
3. Make electrical connections
4. Replace access panel and fastener

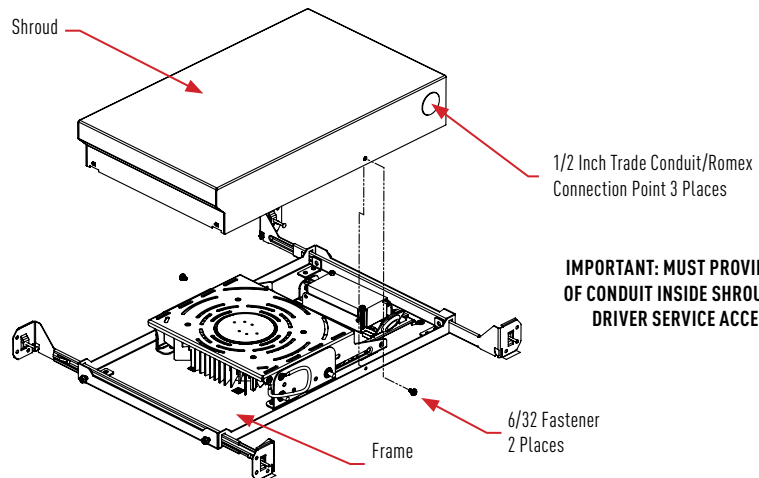
IMPORTANT: MUST PROVIDE 12" OF CONDUIT INSIDE SHROUD FOR DRIVER SERVICE ACCESS

M3 Flat Head Fastener Access Panel

2A

ALTERNATIVE ELECTRICAL ACCESS:

1. Set aside (2) 6-32 fasteners provided
2. Run conduit to connection (provided by others) leave no less than 12" of wire inside shroud for driver service access
3. Make electrical connections
4. Place housing back onto ceiling frame
5. Attach housing cover with (2) 6-32 fasteners provided



2B

Installation Instructions

For Use With Gravity 2-inch Shallow New Construction Downlight
(GDS2DR & GDS2DS)

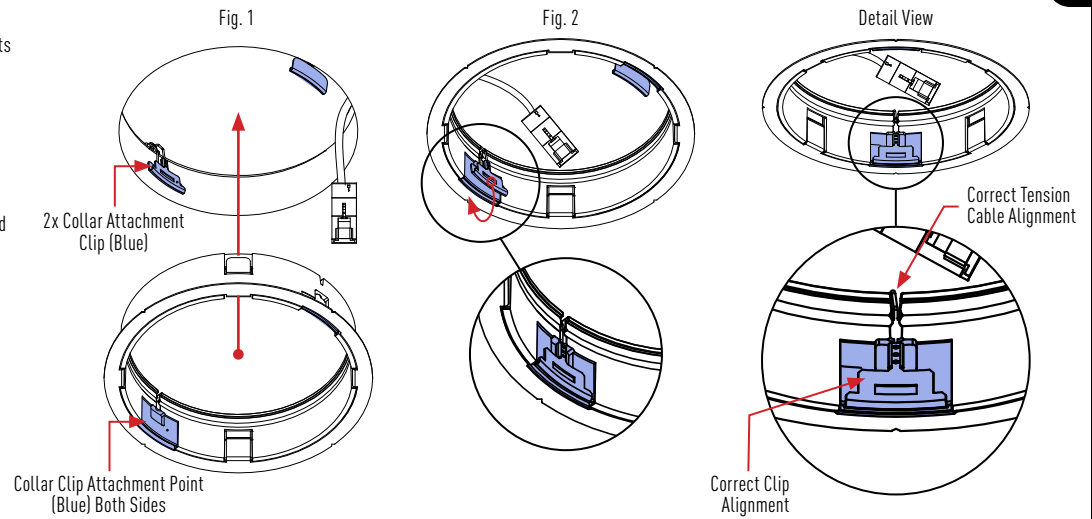
IS-R1084R3

3 of 8

3

COLLAR INSTALLATION:

1. Push blue attachment clips flush against ceiling. Align collar at blue attachment points with blue clips. (See Fig. 1)
2. Grip attachment clip and pull tension down below ceiling level and engage clip onto attachment point (Fig. 2)
3. Repeat step on other side of collar while holding collar in place
4. Collar should be flush against the ceiling and clip evenly placed in position (see detail)



Installation Instructions

IS-R1084R3

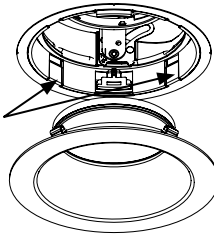
4 of 8

For Use With Gravity 2-inch Shallow New Construction Downlight
(GDS2DR & GDS2DS)

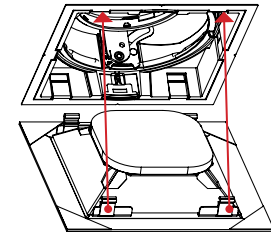
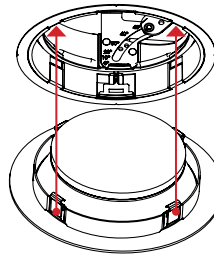
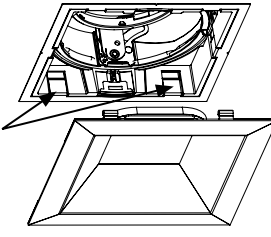
TRIM INSTALLATION:

1. Position trim clips to collar attachment locations
2. Press trim against ceiling until flush with ceiling

Clip Attachment Locations (4 Places)



Clip Attachment Locations (4 Places)

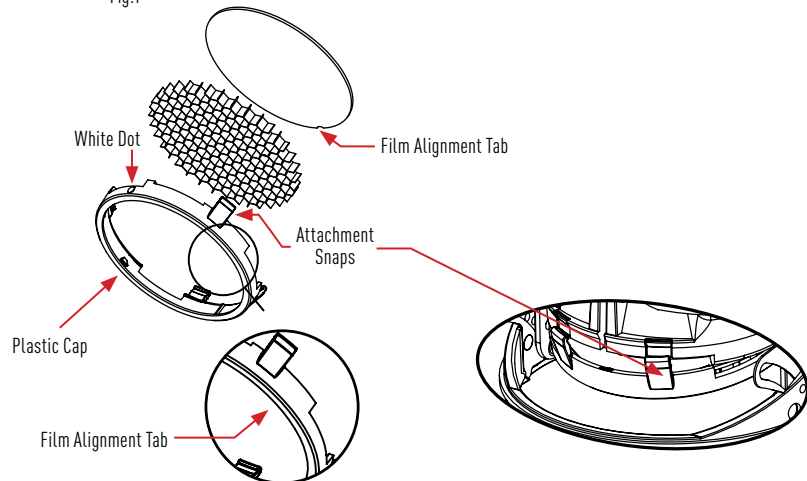


4

ACCESSORY INSTALLATION:

1. Remove plastic cap from module assembly by gripping cap and pulling snaps away from module at slight angle (Fig. 1)
2. Install accessories into cap and press until snapped into place (Hex louver and film position interchangeable)
3. Reinstall plastic cap by aligning white dot towards center and snap flush against LED engine

Fig.1



5

OPTIC REPLACEMENT:

1. To remove secondary optic, turn secondary optic tab slightly counter clockwise to remove from snap position (tip of screwdriver can be used against side of tab) (Fig. 2)
2. To install secondary optic, align triangle marks on optic and opening as shown on Fig. 2
3. Use protective paper shipped with film and press secondary optic against center of primary optic with finger, then turn tab clockwise until snaps into position
4. Reinstall plastic cap by aligning white dot towards center of tilt adjustment feature and snap flush against LED engine

Fig.1

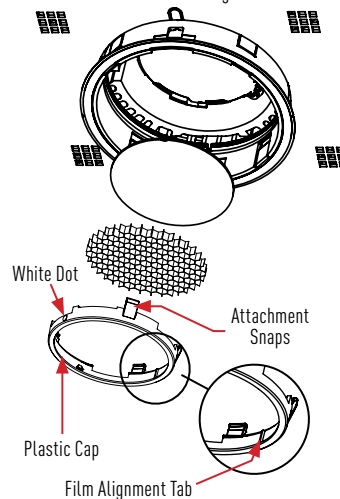
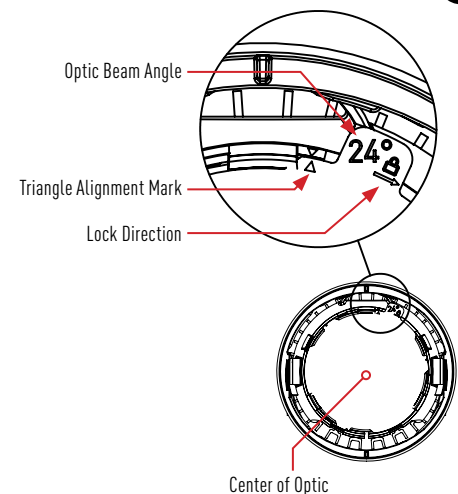


Fig.2



6

Installation Instructions

For Use With Gravity 2-inch Shallow New Construction Downlight
(GDS2DR & GDS2DS)

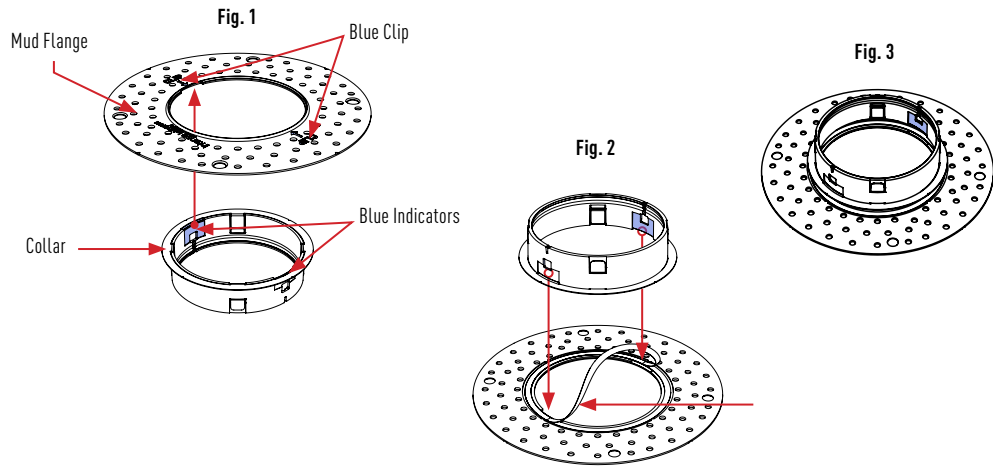
IS-R1084R3

5 of 8

TRIMLESS INSTALLATION:

TRIMLESS MUD RING INSTALL:

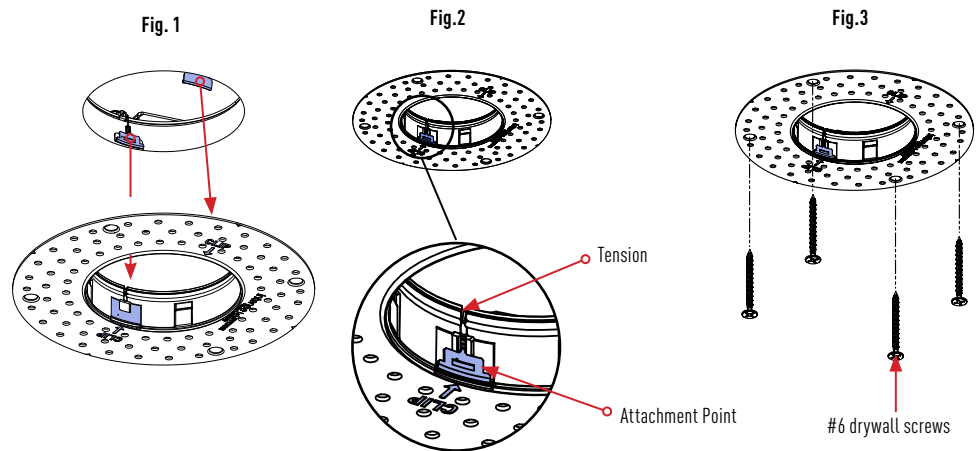
1. Find the orientation features (blue clip location on mud ring) and align With the blue indicators on collar (Fig. 1)
2. Peel off backing on mud ring (Fig. 2)
3. Press the collar into the mud ring (Fig. 3)



L1

TRIMLESS INSTALLATION

1. Align collar at blue attachment points with blue clips. Push collar flush against the ceiling (Fig. 1)
2. Grip attachment clip and pull tension down below ceiling and engage clip onto attachment point, push flush to ceiling (Fig. 2)
3. Repeat steps for other clip
4. Mud ring should be flush against the ceiling and the clip evenly placed in position
5. Secure perforated mud ring to housing using #6 drywall screws (supplied by others) (Fig. 3)
6. Insure mud flange is centered to fixture opening
7. Apply joint compound over perforated mud ring and feather out accordingly



L2

Installation Instructions

For Use With Gravity 2-inch Shallow New Construction Downlight
(GDS2DR & GDS2DS)

IS-R1084R3

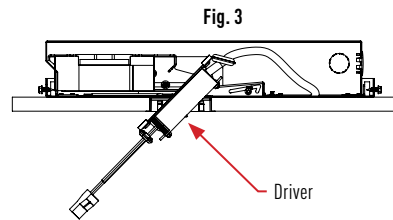
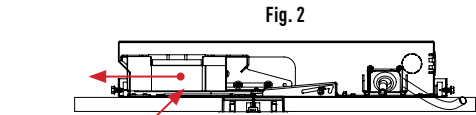
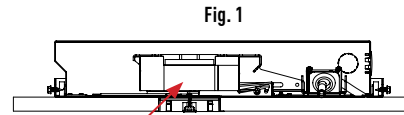
6 of 8

DRIVER SERVICE

S1

STEPS:

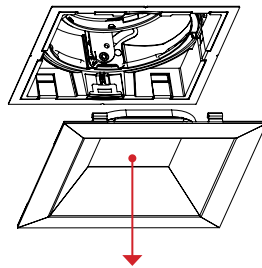
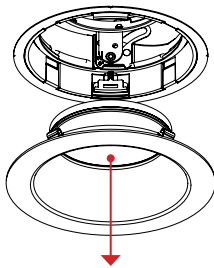
1. Remove trim from housing (refer to page 5, section S2)
2. Slide mechanism back into service position. Be careful not to pinch fingers against heatsink.
3. Disconnect module quick connect
4. Pull driver through ceiling aperture (as shown)
5. Remove driver from plate, cut small zip ties used to bind wire
6. Install new driver and make wire connections
7. Reverse steps 4-1 for re-install



TRIM REMOVAL:

1. Remove trim from fixture by pulling trim out one side at a time.
2. To reinstall trim please see page 4, section 9

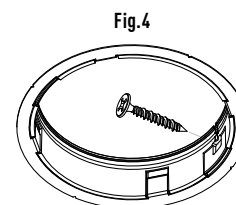
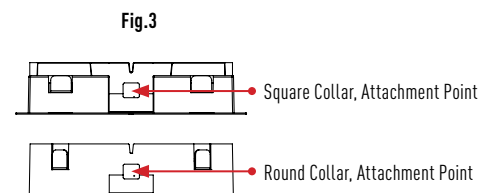
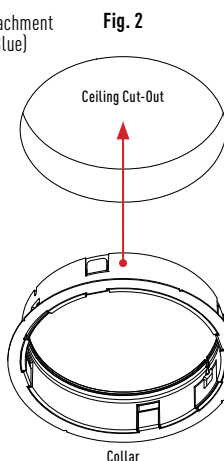
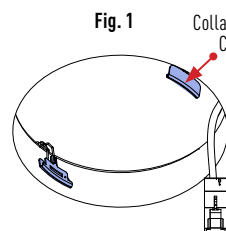
S2



INSTALL COLLAR SERVICING

In the event of tension cable system failure, use (2) provided deck screws.

1. If the tension cable is damaged, cut the cable closest to the frame and discard the blue collar attachment clip (Fig. 1).
2. Align collar centered to housing opening and ceiling cut-out. Insert and hold (Fig. 2)
3. Press screw point into collar attachment point through the ceiling medium (Fig. 3)
4. Hand tighten fastener until snug against collar (do not over tighten) (Fig. 4)
5. Repeat step 3-4 for opposite side.



S3

INSTRUCTIONS LHM-01062022 P-4

INTENSE LIGHTING | 3340 E La Palma Ave, Anaheim, CA 92806 | tel 714 630-9877 | fax 714 630-9883

For Intense Lighting's limited product warranty, go to www.intenselighting.com. For a printed copy of the warranty, you may call 800 961-5321.

© 2022 Intense Lighting, LLC. All rights reserved. Note: This document is subject to change without notice.

WIRING & DIMMING COMPATIBILITY

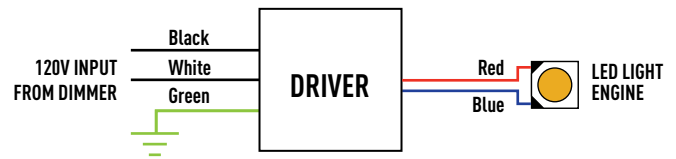
For use with all Intense Lighting product with supported dimming options.
Please check configuration of product for correct dimming protocol.

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

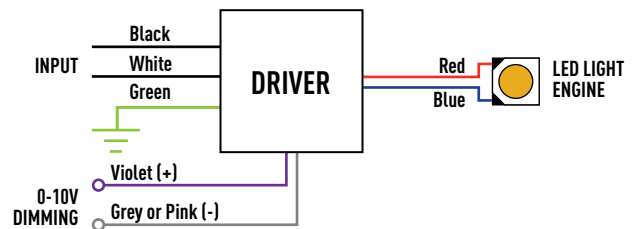


0-10V Dimming

- 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

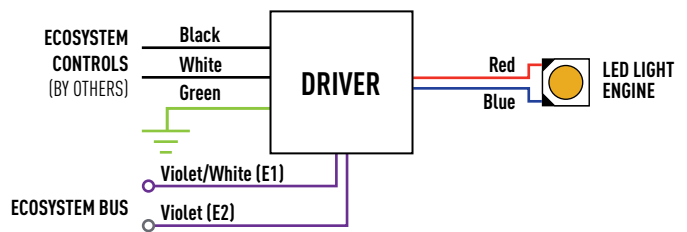


Lutron® LDE1 Hi-Lume EcoSystem

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

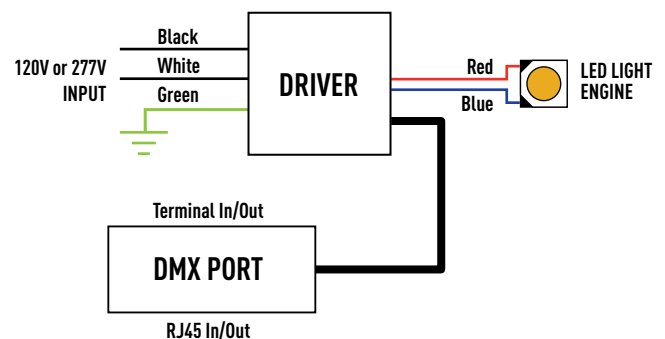
COMPATIBLE DIMMERS

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



DMX512 RDM (Downlights with RJ45)

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

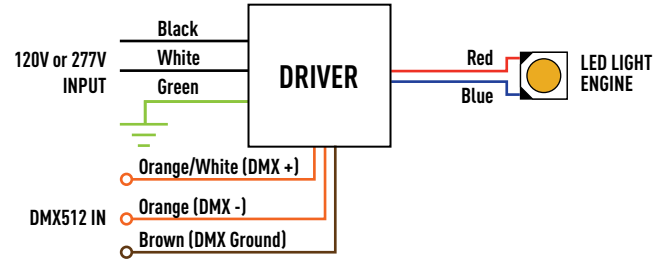


WIRING & DIMMING COMPATIBILITY

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

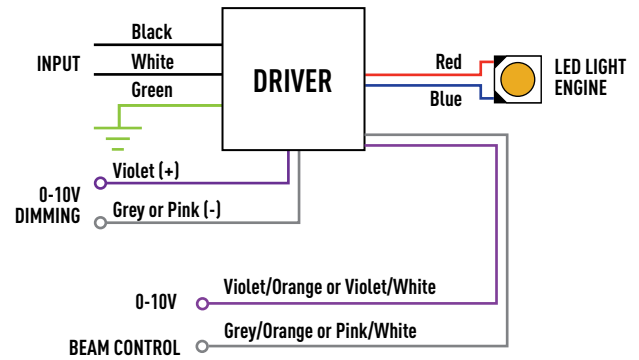


0-10V With Dynamic Beam

- 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

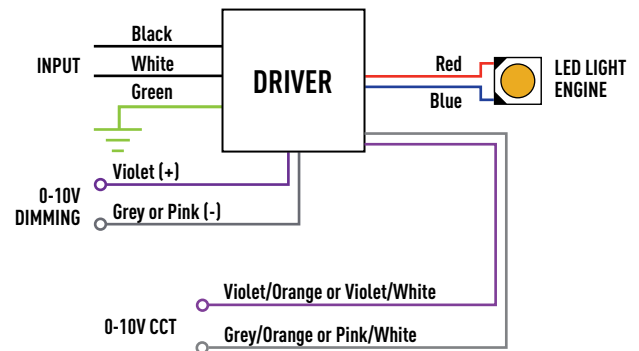


0-10V With Tunable White

- 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



DALI With Tunable White

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

