EyeLine

Installation Instructions

Susp/Wall LED

ID-EL EyeLine Wiring

Continuous Run and Standalone Configurations

DO NOT POWER UP ROW UNTIL ALL FIXTURES ARE INSTALLED AND CONNECTED



IMPORTANT SAFETY AND HANDLING PROCEDURES

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.

Driver Pod with One Driver



- Will only have one pair of Red and Blue or Red/White and Blue/White and will terminate in 3 pole connector.
- Connect all reds together. .
- Connect all blues together.
- If installation of a sensor is required, refer to page 2 for wiring instructions.
- Connect building power.



- Will have two pairs of Red and Blue or Red/White and Blue/White and will terminate in 2 pole connector.
- Connect one pair of wires from the driv-. er pod to red and blue wires.
- Connect other pair of wires from the . driver pod to red/white and blue white.
- . If installation of a sensor is required, refer to page 2 for wiring instructions.
- Connect building power. •



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EyeLine

Installation Instructions

Susp/Wall LED

ID-EL EyeLine Wiring

Continuous Run and Standalone Configurations



IMPORTANT SAFETY AND HANDLING PROCEDURES

Driver Pod with One Driver and Sensor

- To connect sensor, open driver pod housing cover and locate purple and brown dimming control wires.
- Connect driver pod purple (+) wire to sensor red (+) wire using supplied connector.
- Connect driver pod brown (-) wire to sensor white (-) wire using supplied connector.
- Install driver pod cover and connect building power.

DO NOT POWER UP ROW UNTIL ALL FIXTURES ARE INSTALLED AND CONNECTED

Driver Pod with Two Drivers and Sensor

- To connect sensor, open driver pod housing cover and locate purple and brown dimming control wires.
- Connect driver pod purple (+) wire to sensor red (+) wire using supplied connector.
- Connect driver pod brown (-) wire to sensor white (-) wire using supplied connector.
- Install driver pod cover and connect building power.



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PAGE 2

ID RI Mount Drywall

Mount Installation

R1 mounting system is designed to work with 1/2" and 5/8" drywall. Minimum plenum height of 8-1/2" is reguired for power mount installation. Non-power mount installation is covered in steps 2 to 9 of this document. Power mount installation is covered, in

steps 11 to 23 of this document.

IMPORTANT: Refer to supplied layout drawings to determine exact mounting locations.

IMPORTANT: All mount locations require a 4-1/2" hole cut in drywall ceiling.



Install 1/4"-20 supplied in hardward kit and fully tighten bottom plate against stud assembly.

IMPORTANT: Ensure bottom plate is fully secured.



Drill 4-1/2" diameter hole at required mounting location.

From below, tilt and insert top plate inside ceiling .



Thread bottom plate assembly into top plate until full contact with bottom of drywall sheet. If needed, rotate slightly, align slot in bottom plate with hole in top plate and attach screw supplied in hardware kit.



Slide canopy onto 1/4"-20 and install cable gripper.

IMPORTANT: Fully tighten cable gripper against canopy and 1/4"-20 nut below bottom plate.



Remote Driver Mount

Drywall



Center top plate above ceiling hole as shown.



Begin threading factory prepared stud assembly into top plate. IMPORTANT: Stop after approximately I inch and move to next step.



Insert suspension cable inside cable gripper and push through exit side. IMPORTANT: Ensure end of suspension cable is visible through exit port of cable gripper.



Page I

ID_RI_Mount_Drywall



IMPORTANT: Cable adjustment is done by pressing release spring. CAUTION: Ensure fixture is fully supported before any adjustments are made. After final adjustments, trim excess cable below canopy.



While feeding driver pod through ceiling hole, tilt upper section forward and lower section back to fully insert above ceiling.



To complete fixture installation, refer to supplied fixture installation instructions and layout drawings.



Move driver pod back and position directly above ceiling access hole.

Note: Above ceiling view shown for reference only.



Remote Driver Mount

Drywall

Drill a 4-1/2" hole at required mounting location. Prepare power feed conduit (supplied by others) and pull through ceiling hole. Connect conduit and connectors to 7/8" hole on A/C side of driver pod. Tuck wires inside A/C wiring cavity.

14b Driver Pod Installation



Make sure driver pod is centered above ceiling access hole.



Begin driver pod installation by tilting and guiding through ceiling hole.



For 1/2" drywall ceilings only, assemble 1/4"-20 bolt and nut supplied in hardware kit.

For 5/8" drywall ceilings use only 1/4"-20 bolt for next step.



ID_RI_Mount_Drywall



Install 1/4"20 bolt through driver pod wiring cavity and pull through center hole as shown.



Feed fixture power cord through bottom plate and lower plate to fixture level. Complete low voltage wiring connections inside driver pod wiring cavity. Raise bottom plate to ceiling and secure to driver pod with supplied screws.



Install 1/4"-20 nut supplied in hardware kit. <u>IMPORTANT:</u> Leave a 1/4" gap at the bottom for cable gripper attachment. Install cable gripper onto stud. Ensure cable gripper is fully tightened against 1/4"20 nut.





Drywall



Slide canopy and bottom plate on suspension cable and lower to fixture level. Insert suspension cable inside gripper and push through exit side.

IMPORTANT: Ensure end of suspension cable is visible through exit port of cable gripper.



collar set screw to lock in place.

20 Suspension Cable Adjustment

Refer to supplied fixture installation instructions for proper installation. Once fixtures are installed, make any necessary adjustments at the cable gripper by pushing release spring. <u>IMPORTANT</u>: Ensure fixture sections are fully supported before adjustments are made.

23 Fixture Installation
Refer to supplied fixture
installation instructions.

To complete fixture installation, refer to supplied fixture installation instructions and layout drawings.

ATTENTION: Install in accordance with national and local building and electrical codes.

Page 3

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Remote Driver Mount

ID R3 Mount Surface



ings to determine exact mounting locations.



Remove housing cover and 2 screws.



Remote Driver Mount

Surface

Install housing at required mounting location. Attach to structure with appropriate hardware (supplied by others).



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IMPORTANT: Ensure housing is secure to ceiling.



Prepare 1/4"-20 bolt for installation by attaching 1/4"-20 nut supplied in mounting kit.

Ensure nut is flush with head of bolt as shown.



Install bolt prepared in step 5 inside mounting bracket hole as shown.

Install second 1/4"-20 to secure to mounting bracket. IMPORTANT: Ensure nut is fully tightened to bolt.



IMPORTANT: Feed suspension cable through housing cover removed in step 2. Install spacer and cable gripper onto housing 1/4"-20 bolt and fully tighten. IMPORTANT: Fully tighten cable gripper against spacer and 1/4"-20 bolt.



Insert suspension cable inside cable gripper and push through exit side. IMPORTANT: Ensure end of suspension cable is visible through exit port of cable gripper.

ATTENTION: Install in accordance with national and local building and electrical codes.

ID_R3_Mount_Surface



Slide housing cover up and over cable gripper.



Re-install housing cover and screws removed in step 2. Cable adjustment is done by pressing release spring. Ensure fixture is fully supported before any adjustments are made. After final adjustments, trim excess cable below cover.



Install driver pod at required mounting location. Attach to structure with appropriate hardware (supplied by others).



Determine required power feel location. Remove 7/8" knockout in housing and attach electrical conduit (supplied by others).





Remote Driver Mount

Fixture Installation 11 12 Refer to supplied fixture installation instructions.

To complete fixture installation, refer to included fixture installation instructions and layout drawings.



Remove driver pod housing and 4 screws.



Prepare 1/4"-20 bolt for installation by attaching 1/4"-20 nut supplied in hardware kit.

Ensure nut is flush with head of bolt as shown.



Insert bolt assembly inside mounting bracket and push through.

IMPORTANT: Ensure bolt location is as shown.



Page 2

ID_R3_Mount_Surface



Install 1/4"20 nut and fully tighten against mounting bracket. Install spacer and cable gripper to 1/4"-20 stud. <u>IMPORTANT</u>: Fully tighten cable gripper against spacer and 1/4"-20 nut.





Feed suspension cable through housing cover removed in step 12. Insert cable inside cable gripper and push through exit side. <u>IMPORTANT:</u> Ensure end of suspension cable is visible through exit port of cable gripper.



removed in step 12.

Surface



Remote Driver Mount



Feed fixture power cord through driver pod cover and driver pod housing mounting bracket. Pull excess cable inside housing. Trim as needed and complete low voltage wiring connections inside driver pod housing.



To complete fixture installation, refer to supplied fixture installation instructions and layout drawings.



Refer to supplied fixture installation instructions for proper installation. Once fixtures are installed, make any necessary adjustments at the cable gripper by pushing release spring. <u>IMPORTANT</u>: Ensure fixture sections are fully supported before adjustments are made.



Page 3

ID_R5_Mount_Grid_Span



From below ceiling, using a hole saw, drill a 1-1/2 or 2" hole in the at required mounting location.



Remote Driver Mount

Remove adjacent ceiling tile. From above ceiling, locate supplied Caddy spanner bar above mounting location and snap to t-bar grid.

Grid Ceiling - 24" Span Mount



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Install supplied 1/4"-20 bolt, nut and 2 washers as shown. Center above mounting hole and fully tighten to Caddy spanner bar.



Attach tie off cables (supplied by others) to support spanner bar to structure. From below ceiling, install second 1/4"-20 nut onto 1/4"-20 bolt.

IMPORTANT: Lock spanner bar to t-grid using appropriate hardware (supplied by others).



IMPORTANT: Ensure bottom of nut is 9/16" away from end of 1/4"-20 bolt.



Install canopy, spacer and cabler gripper as shown. IMPORTANT: Fully tighten gripper against 1/4"-20 bolt. From above ceiling, tighten nut against canopy to secure all components.



Insert suspension cable inside gripper and push through exit side.

IMPORTANT: Ensure end of suspension cable is visible through exit port of cable gripper.

Page I



ID_R5_Mount_Grid_Span



CAUTION: Ensure fixture is fully supported before any adjusments are made. After final adjustments, trim excess cable below canopy.



To complete fixture installation, refer to supplied fixture installation and layout drawings.



Remote Driver Mount

Grid Ceiling - 24" Span Mount

Refer to supplied layout drawings to determine exact mount location.

From below ceiling, using a hole saw, drill a 3" hole in ceiling tile at required mounting location.



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Install conduit connector (supplied by others) and supplied coupling on bracket. Tighten connector against coupling.



Insert bolt and washer through slot in crossbar. Position bracket assembly under crossbar and feed bolt through center hole. Fully tighten with supplied nut. Center crossbar above mounting hole and snap to t-grid.



ment to t-grid.



From below, install second 1/4"-20 nut supplied in hardware kit.

IMPORTANT: Ensure bottom of nut is 5/16" away from bottom of 1/4"-20 bolt.



Install grid clips as shown using screws supplied in hardware kit.

ATTENTION: Install in accordance with national and local building and electrical codes.

ID_R5_Mount_Grid_Span



Snap grid clips onto t-bar and secure with appropriate hardware (supplied by others).

Attach tie off wires (supplied by others) to grid clips as shown.



Attach unjacketed 1/2" flexible conduit (supplied by others) and conduit connector (supplied by others) to supplied wire cover.





Tilt and slide wire cover inside driver pod cutout to secure in place.

Remove driver pod cover and 3 screws.



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Driver pod can also be mounted on a wall above ceiling. For this option, remove cover screws. Ensure wire cover is sealed and attached to back of driver pod housing. Use appropriate hardware (supplied by others) to secure driver pod housing to structure.



For battery pack installation, disconnect test light/ switch from driver pod housing. Remove lock nut and install in 1//2" hole in supplied canopy as shown.



as shown. **19b** OPTIONAL: Drive Pod Wiring



Attach unjacketed 1/2" flexible conduit (supplied by others) and conduit connector (supplied by others) to one of the available knockouts in driver pod housing.



Bring flexible conduit above power location and trim excess length.



Attach flexible conduit to bracket and conduit connector installed in step 13 on page 2.

ID R5 Mount Grid Span



requires running 2 low voltage wires from driver pod for connection to battery pack test light/switch.



Cable adjustment is done by pressing release spring. CAUTION: Ensure fixture is fully supported before any adjustments are made After final adjustments, trim excess cable below canopy.



Install supplied conduit elbow to bracket with conduit and connector (supplied by others). Remove elbow cover and have wiring ready for splicing test light/switch installed in canopy in step 22 on page 3. Re-install elbow cover after all connections are done.

28	Power Cord Installation
power	cord -
Incort fixture low voltage power cord through	

Insert fixture low voltage power cord through canopy hole and feed all the way into driver pod housing for wiring connections.

25 Cable Gripper Installation canopy

Align canopy bushing with coupling and install canopy, spacer and cable gripper as shown. Fully tighten gripper against 1/4"-20 bolt.

spacer

cable gripper

IMPORTANT: From above ceiling, tighten nut against canopy to secure all components.



Trim excess power cord and complete wiring connections inside driver pod housing.

After all connections are complete, re-install driver pod cover and screws removed in step 19.



Insert suspension cable inside gripper and push through exit side.

IMPORTANT: Ensure end of suspension cable is visible through exit port of cable gripper.



fixture installation instructions and layout drawings.



Page 4

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Remote Driver Mount

ID_R6_Mount_On_Grid



Mount Installation

is covered in steps 9 to 22 of this document.

Refer to supplied layout drawings to determine exact mounting locations.



IMPORTANT: Ensure cable gripper is fully tightened against spacer and Caddy clip before installing fixture.



Separate Caddy clip assembly from supplied hardware kit. Install stud in bottom half as shown. <u>IMPORTANT</u>: Insert top clip in bottom piece, rotate and click closed around t-grid. Ensure the 2 pieces are locked together before next step.



Insert suspension cable inside gripper and push through exit side.

IMPORTANT: Ensure end of suspension cable is visible through exit port of cable gripper.

Grid Ceiling - On Grid



Remote Driver Mount



IMPORTANT: Secure Caddy clip to structure using approved tie off cable (supplied by others).



Install canopy, spacer and thread cable gripper onto Caddy clip 1/4"-20 stud.



Cable adjustment is done by pressing release spring. CAUTION: Ensure fixture is fully supported before any adjustments are made. After final adjustments, trim excess cable below canopy. Notch ceiling tile around Caddy clip and install.



To complete fixture installation, refer to supplied fixture installation instructions and layout drawings.

Page I

ATTENTION: Install in accordance with national and local building and electrical codes.

ID_R6_Mount_On_Grid



Secure driver pod bracket to Caddy clip using hex nut and square head bolt supplied in mounting kit. Ensure parts are oriented and installed as shown.

Driver Pod Bracket Installation 10 tie off cable -IMPORTANT: Secure driver pod bracket to

structure using approved tie off cable (supplied by others).



Grid Ceiling - On Grid



Install another tie off cable approximately 17 inches away from first tie off cable.



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Secure driver pod box to bracket using sheet metal screw supplied in hardware kit.



Ensure driver pod is secure to bracket.



Bring power supply conduit (supplied by others) and open wire cover supplied in hardware kit.

Power Feed Installation 15

Connect power feed to wire cover.



Insert wire cover and slide in position to lock inside driver pod housing.



ID R6 Mount On Grid



Remove driver pod cover and 3 screws.



Feed power cord through canopy and fitting inside the driver pod housing.



Remove knockout at power feed location. Install nut Refer to steps 4 to 8 on page I for attachment of on fitting supplied in mounting kit.

Ensure nut is installed to bottom of threaded section. Secure fitting inside driver pod housing with second nut. Ensure fitting is tight.



required length and complete electrical connections.

Grid Ceiling - On Grid



Remote Driver Mount





canopy, spacer and suspension cable.

Ensure canopy power entry bushing is aligned with fitting inside driver pod.

Driver Pod Cover Installation 22 Re-install driver pod cover removed in step 17.

Notch ceiling tile as required to clear power feed fittings. Install ceiling tile below driver pod.



For battery pack option, remove test light/switch from driver pod. Install in canopy next to power feed hole. Install second fitting provided in mount kit next to power feed fitting. Refer to steps 4 to 8 on page I for attachment of canopy, spacer and suspension cable. Re-connect test light/switch wiring.



ATTENTION: Install in accordance with national and local building and electrical codes.