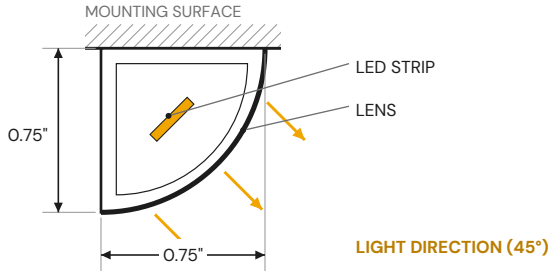
WARNING: RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

15256 INSTALLATION INSTRUCTIONS FOR: 45-DEGREE LED LINEAR LIGHT

Safety Precautions:

- **Read Carefully:** Read all instructions before installing and keep them for future reference.
- **Qualified Installation:** Fixture must be installed by a qualified electrician in accordance with national and local building and electrical codes.
- **Avoid Wet Conditions:** Do not handle or connect electrical components with wet hands or while standing in water. Disconnect power before servicing.
- **Verify Power Source:** Confirm that the driver output matches the fixture rating (24 volts DC) before connecting.
- **Class 2 Driver:** Use only with a Class 2 driver. The driver is not included and is sold separately.
- **Wet Locations:** Fixture is rated for wet locations (IP68). The optional splice box is IP66 (do not submerge). Install the driver only as permitted by its own location rating and instructions.
- **Mounting:** Surface mount with concealed brackets, secured 4" from each end and every 30" on center.
- **Operating Temperature:** -13°F to 113°F (-25°C to 45°C).
- **Maximum Run:** 13 ft of continuous run per feed position; longer runs require an additional feed position. Maximum fixture length is 144".
- **Wire Lead Strength:** Soldered leads and connectors are rated to 50 lbs of pull force. Do not use leads or connectors to pull or support the fixture.
- **Two-Person Installation:** Fixture should be installed by two people.

Note: Prior to installation, all 24 VDC wires must be present near the fixture. Refer to the driver installation instructions for additional information.



PROFILE (NOT TO SCALE)

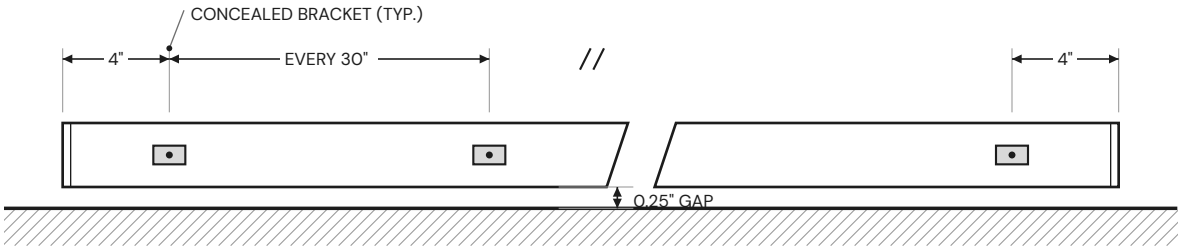
Step 1

1.1 Determine where the fixture(s) will be installed. Lay the fixture(s) on the surface and mark reference points for the concealed brackets: 4" from each end of the fixture and every 30" in between.
**NOTE: If mounting next to a wall, leave a 0.25" gap so the fixture can be removed later if needed.*

1.2 Confirm the lens will face the sign, surface or area to be lit. Light is directed at 45° from the profile (see the profile detail above).

1.3 Fixtures are made to order up to 144". Do not cut the fixture.

PLAN VIEW, MOUNTING SIDE (NOT TO SCALE)



WALL (IF MOUNTING NEXT TO ONE)

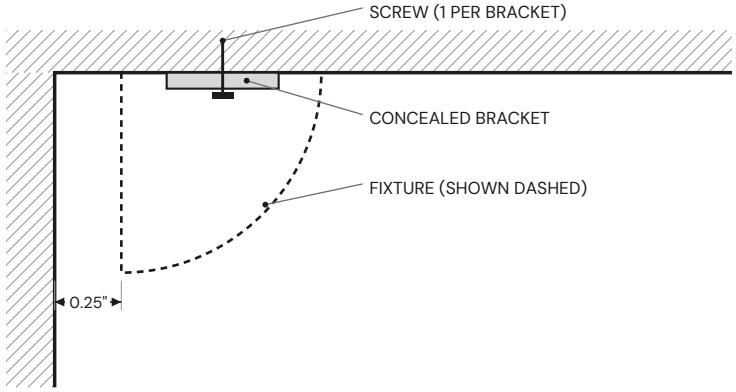
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15256 INSTALLATION INSTRUCTIONS FOR: 45-DEGREE LED LINEAR LIGHT

Step 2

2.1 Align the concealed brackets with the reference marks and secure each bracket to the surface with 1 screw using the provided hardware.

2.2 **NOTE: If mounting next to a wall, keep the 0.25" gap between the wall and the fixture so the fixture can be removed later if needed.*



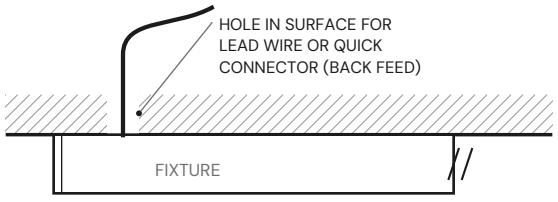
SECTION VIEW

Step 3

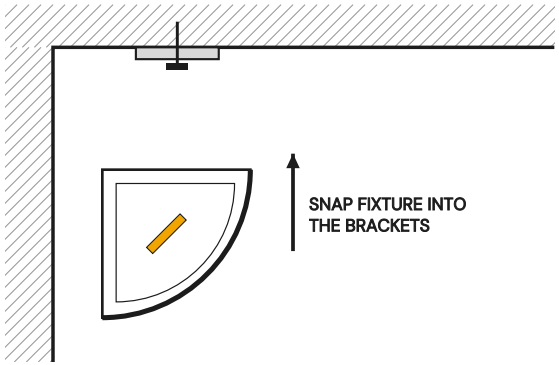
3.1 For a back feed (LBP, LBPQC, RBP or RBPQC), make a pass-through hole in the surface for the lead wire or quick connector, depending on the power feed option. For an end feed (LP, LPQC, RP or RPQC), route the lead wire or connector along the surface from the end of the fixture. Pass the lead wire or connector through the hole before snapping the fixture in.

3.2 Snap the fixture into the mounting brackets.

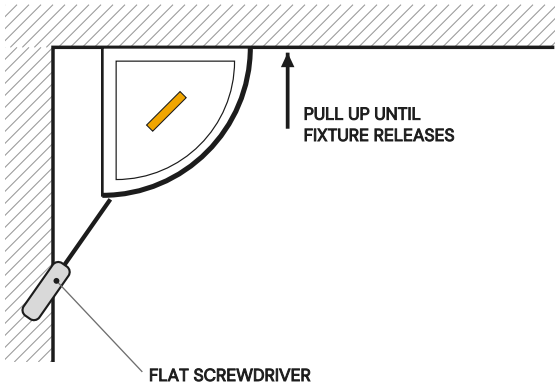
3.3 To remove the fixture, carefully insert a flat screwdriver at the bottom edge of the extrusion, then pull up until the extrusion releases.



SIDE SECTION



SECTION VIEW



SECTION VIEW

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15256 INSTALLATION INSTRUCTIONS FOR: 45-DEGREE LED LINEAR LIGHT

Step 4

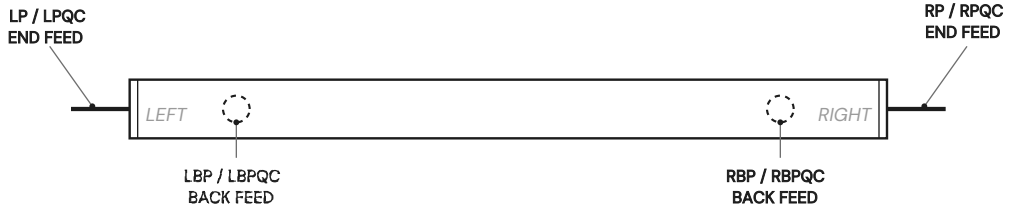
4.1 Identify the feed positions ordered. Feed Left and Feed Right are independent, one per end, and at least one end must be a powered feed. Wire leads are 72" long; quick connects (QC) are 6" long and use a female connector.

4.2 Follow one of the two options below to connect the fixture to the driver.

Option 1 (Quick Connect): Secure the female quick connect to the male quick connect of the matching wet connector cable (48", included with quick connect feeds). Feed the male quick-connect cable through conduit to the driver.

Option 2 (Wire Leads): Feed the wire leads to the driver.

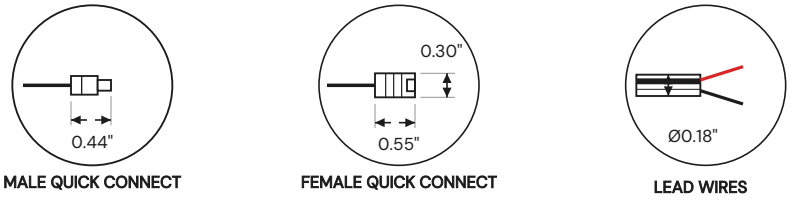
POWER FEED POSITION OPTIONS AND ORIENTATION

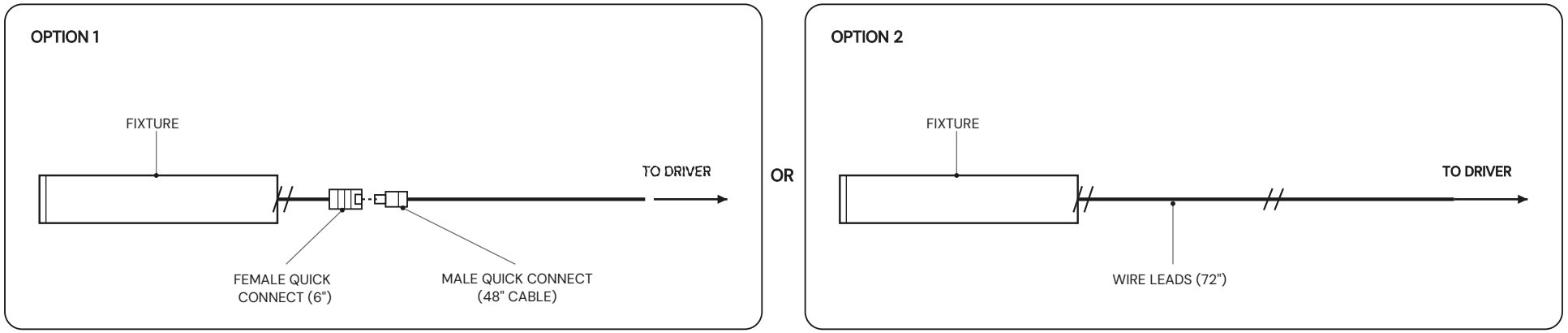


VIEW OF LENS SIDE, LENS FACING UP. BACK FEEDS EXIT THE MOUNTING SIDE (DASHED). NOT TO SCALE.

WIRE LEADS (72")	QUICK CONNECTORS (6")
LP - Left Wire End Feed	LPQC - Left Female QC End Feed
LBP - Left Wire Back Feed	LBPQC - Left Female QC Back Feed
RP - Right Wire End Feed	RPQC - Right Female QC End Feed
RBP - Right Wire Back Feed	RBPQC - Right Female QC Back Feed

CONNECTOR DETAILS (2-PIN)





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15256 INSTALLATION INSTRUCTIONS FOR: 45-DEGREE LED LINEAR LIGHT

Step 5

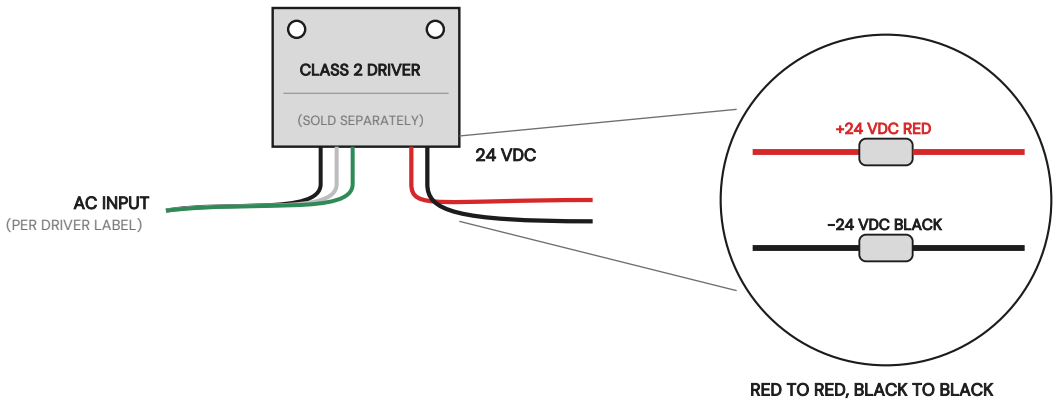
5.1 Connect the 24 VDC output of the driver to the fixture as shown, observing polarity (+24 VDC red, -24 VDC black).

5.2 Connect the driver AC input, and any dimming control wiring, as shown on the driver label and in the driver installation instructions.

5.3 Select a driver rated for the total fixture load (7.1 W/ft) and confirm the run does not exceed 13 ft per feed position (see table below).

5.4 Restore power and verify operation.

DRIVER WIRING (SCHEMATIC)



DRIVER COMPATIBILITY AND MAX CONTINUOUS RUN

Driver Model	Size (L x W x H)	Output	Fixture load basis
2520-30 (30W)	6.50" x 3.73" x 1.61"	~4.2 ft	7.1 W/ft
2520-60 (60W)	7.40" x 3.73" x 1.61"	~8.5 ft	7.1 W/ft
2520-96 (96W)	8.66" x 3.73" x 1.61"	~13.5 ft (at fixture max)	7.1 W/ft
2540 (40W)	3.78" x 2.17" x 0.94"	~5.6 ft	7.1 W/ft

Note: Driver capacity is shown for reference. Maximum continuous run for a single feed position is 13 ft (fixture limit). Longer runs require an additional feed position.

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15256 INSTALLATION INSTRUCTIONS FOR: 45-DEGREE LED LINEAR LIGHT

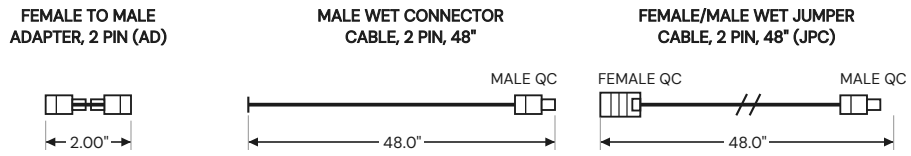
Step 6

6.1 Sections link in series from one feed point. Do not exceed 13 ft of continuous run per feed position; longer runs require an additional feed position.

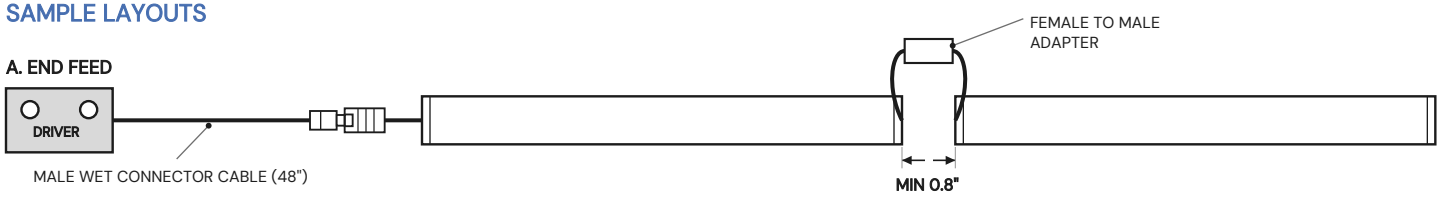
6.2 To join two feed points, connect the female quick connects with the female-to-male adapter. Leave a minimum of 0.8" between fixture ends for the connection (see layouts below).

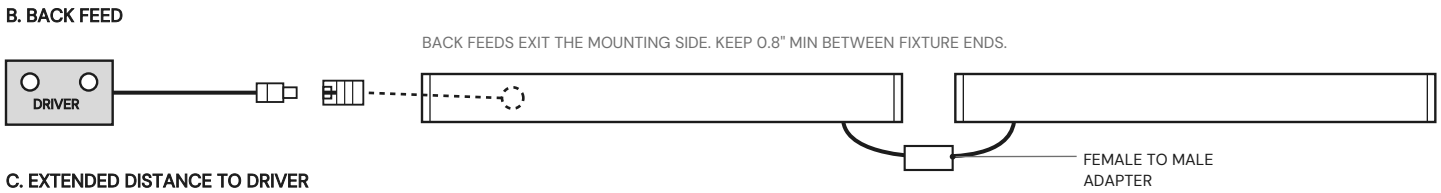
6.3 To extend the distance to the driver, use the female/male wet jumper cable (48"). The male wet connector cable (48") connects the fixture to the driver.

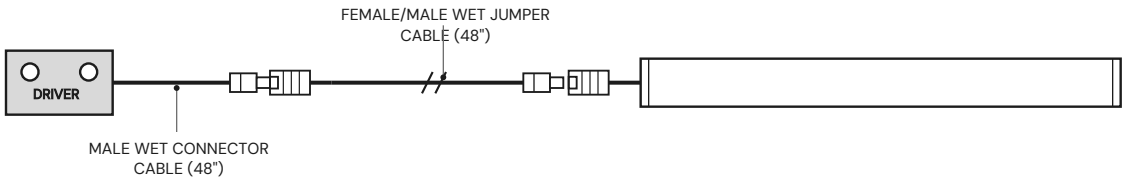
LINKING AND EXTENSION CABLE OPTIONS

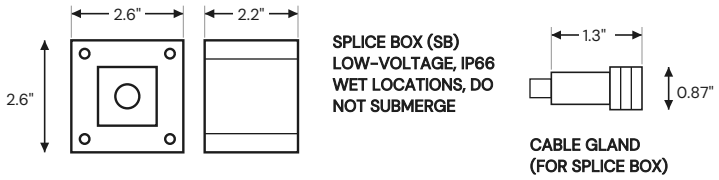


SAMPLE LAYOUTS









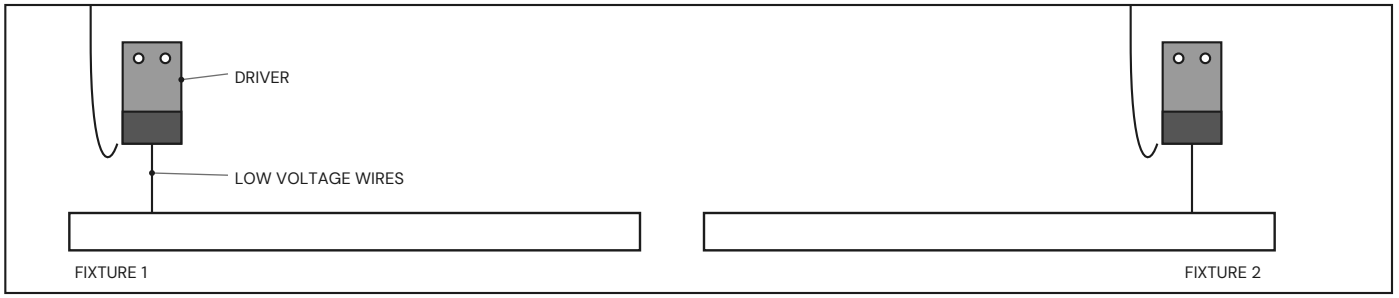
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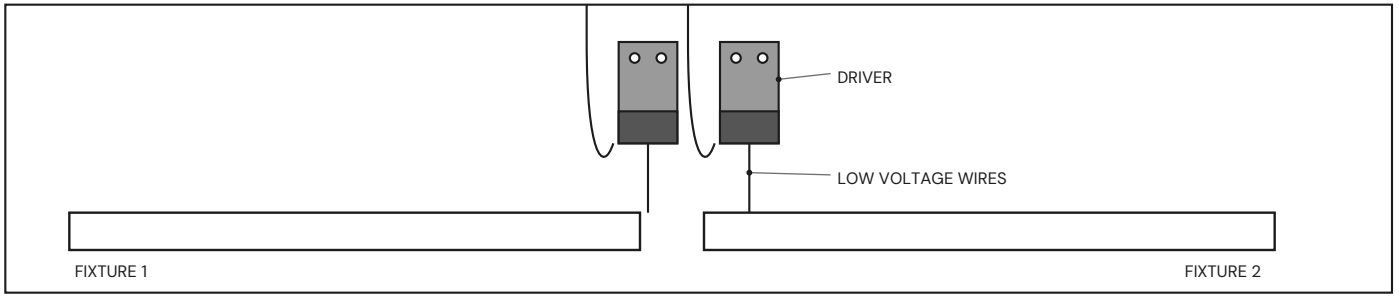
DRIVER PLACEMENT

Place drivers at the end of the run or in the middle of the run. Each feed position is limited to 13 ft of continuous run. Do not use the consecutive layout.

DRIVERS AT THE END OF THE RUN



DRIVERS IN THE MIDDLE OF THE RUN



CONSECUTIVE LAYOUT, NOT RECOMMENDED

