

INSTALLATION MANUAL OUTDOOR RECESSED WITH TRIM

INDEX

- 1: INSTALLATION CONDITIONS
- 2: CABLE & CONDUIT INSTALLATION
- 3: INDIVIDUAL SECTION INSTALLATION
- 4: WIRING INSTRUCTIONS
- 5: CONTINUOUS RUN INSTALLATION

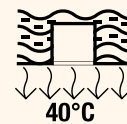


WARNING:

The safety of this fixture is guaranteed only if you comply with these instructions.



IP65

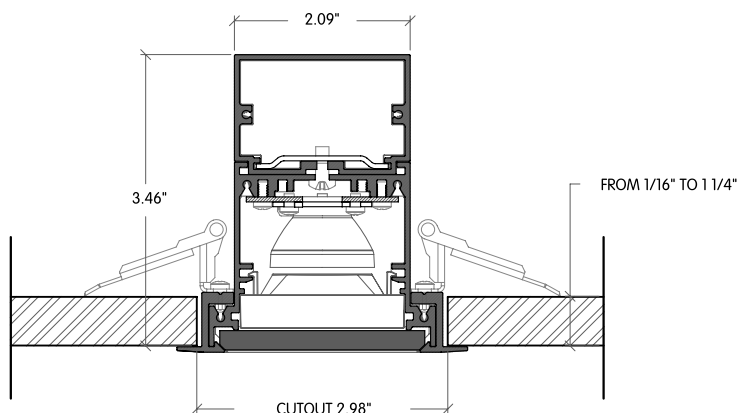
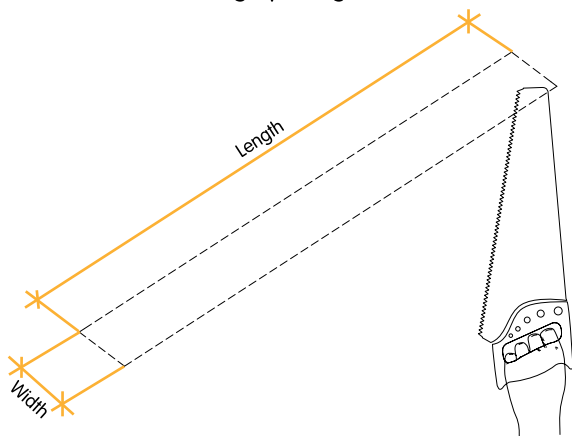


THE LOW SURFACE TEMPERATURE (40°C) IMPOSE NO LIMITS ON INSTALLATION



1. INSTALLATION CONDITIONS

1. Cut ceiling opening.



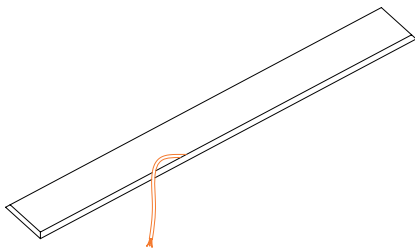
Prepare the ceiling conditions according to the dimension table

Profile Sizes (mm)				Profile Sizes (ft)			
Profile Exact Dimensions (mm)				Profile Exact Dimensions (ft)			
	Length	Width	Depth		Length	Width	Depth
300	334	88	90	1	1ft 1 1/8 in	0ft 3 7/16 in	N/A
450	484	88	90	1 1/2	1ft 7 1/16 in	0ft 3 7/16 in	0ft 3 9/16 in
600	634	88	90	2	2ft 15/16 in	0ft 3 7/16 in	0ft 3 9/16 in
750	784	88	90	2 1/2	2ft 6 7/8 in	0ft 3 7/16 in	0ft 3 9/16 in
900	934	88	90	3	3ft 3/4 in	0ft 3 7/16 in	0ft 3 9/16 in
1050	1084	88	90	3 1/2	3ft 6 11/16 in	0ft 3 7/16 in	0ft 3 9/16 in
1200	1234	88	90	4	4ft 9/16 in	0ft 3 7/16 in	0ft 3 9/16 in
1350	1384	88	90	4 1/2	4ft 6 1/2 in	0ft 3 7/16 in	0ft 3 9/16 in
1500	1534	88	90	5	5ft 3/8 in	0ft 3 7/16 in	0ft 3 9/16 in

2. CABLES AND CONDUIT INSTALLATION

2.

► Pull down electric cable of flexible conduit.

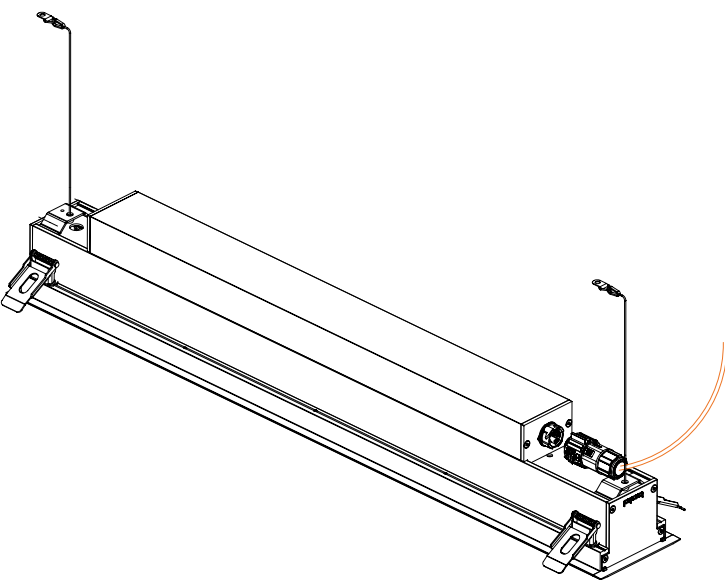
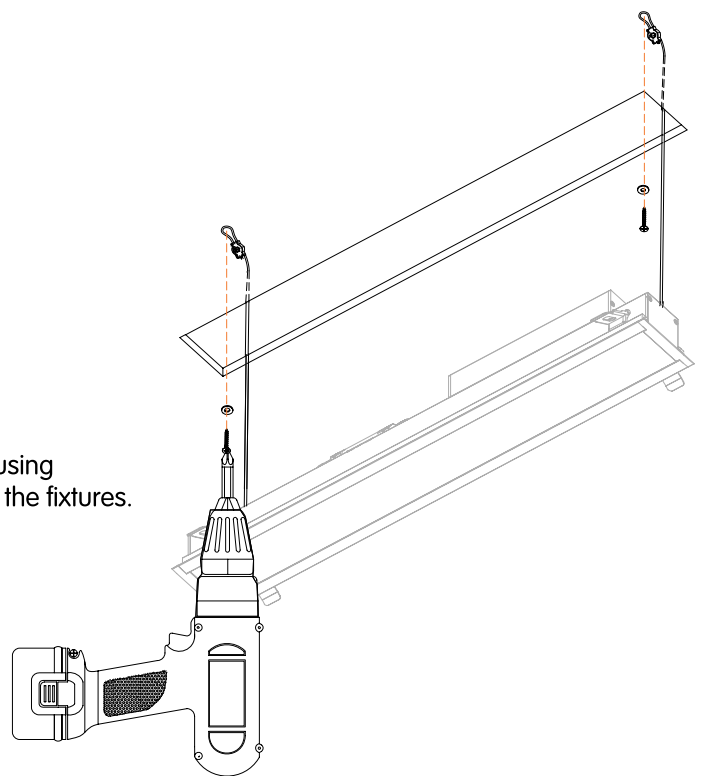


WARNING: Shock hazard. Serious injury or death may occur. Turn Off power before servicing or installing. Wire according to local and national codes. This product shall be installed by a qualified electrician.



3.

► Fasten safety cables onto fixtures permanent supports using appropriate anchoring devices to support the weight of the fixtures.



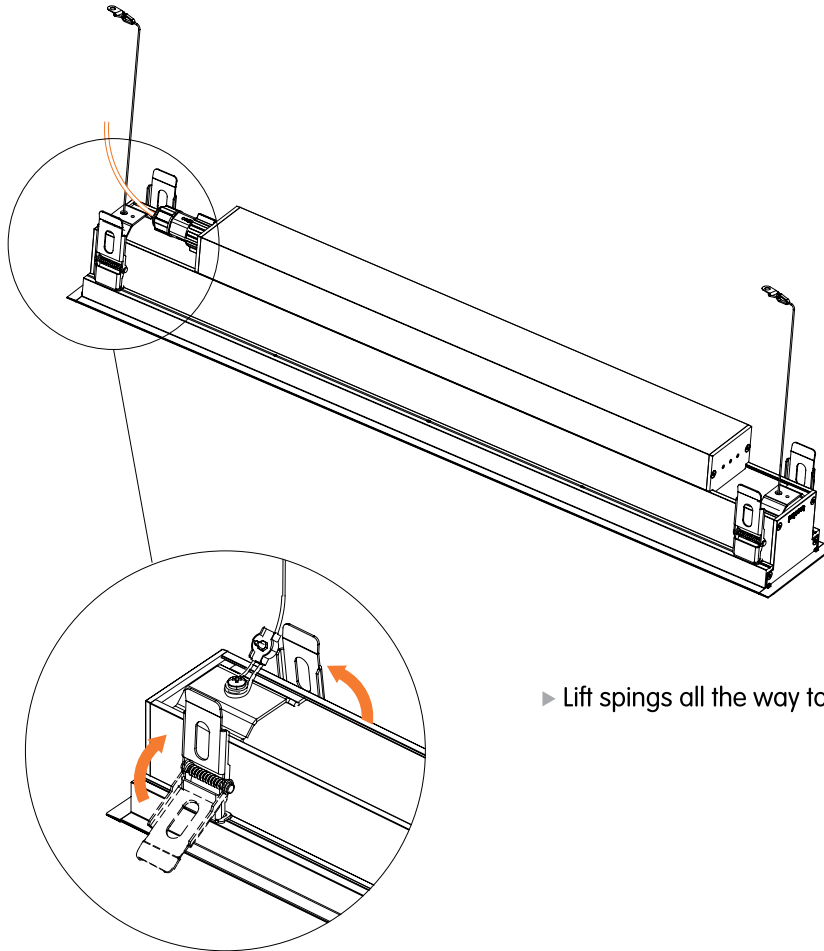
4.

- Connect Feed-in Connector to Leader Feed-in Cable as per the instructions provided on page 4.
- Provide power and test connections.
- See wiring details on pages 3 & 4 for reference. Once the electrical connections have been tested, secure conduits and couplers tightly.
- Make sure sealing caps are installed on all opened connectors.

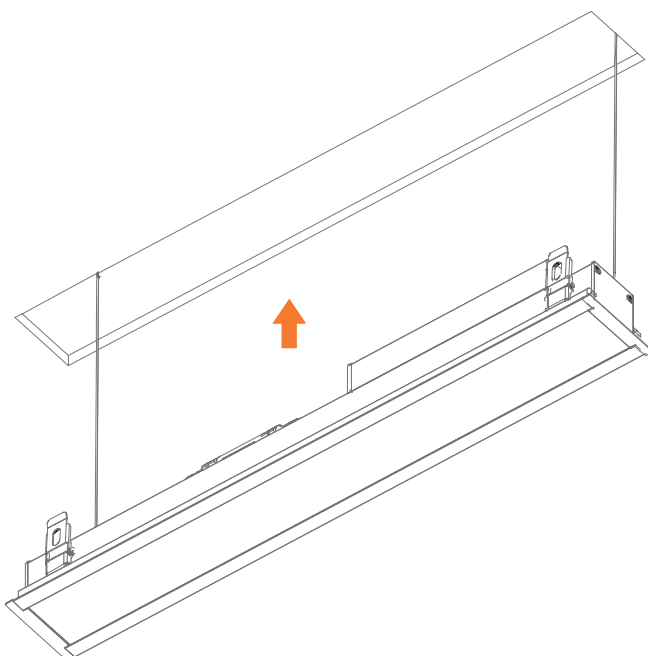


WARNING: Failure to secure safety cables can lead to injury or death!

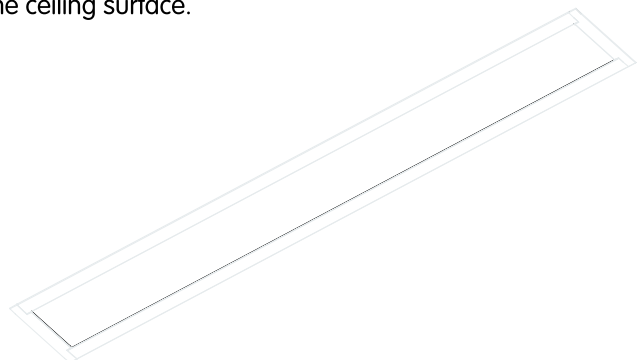
3. INDIVIDUAL SECTION INSTALLATION



► Lift springs all the way to a vertical position.



- Insert the luminaire in the ceiling cutout while holding the springs at a vertical position.
- Once the springs pushing again the cutout sides, push the luminaire all the way up until the trim is tight against the ceiling surface.



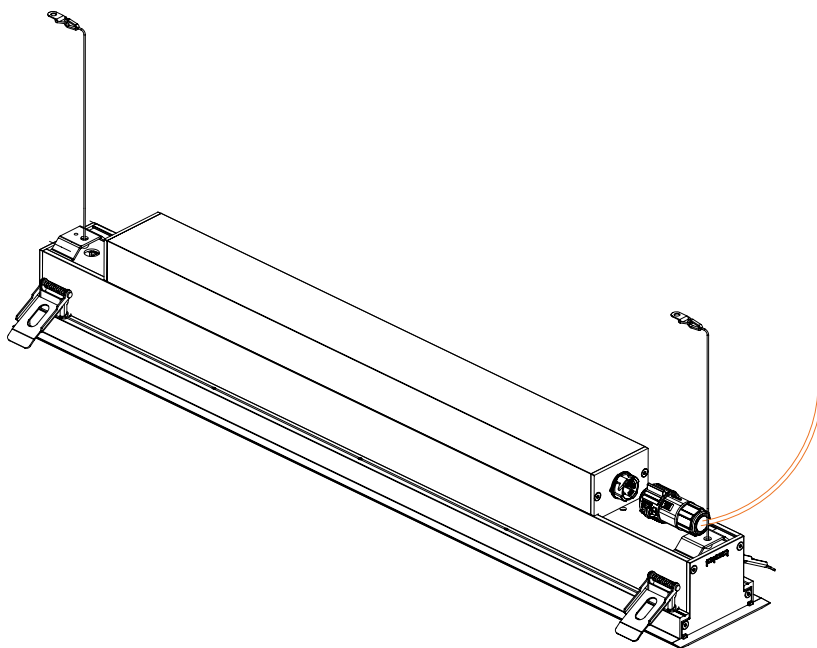
4. WIRING INSTRUCTIONS

- ▶ Refer to the last page for wiring instructions.
- ▶ Follow carefully wiring diagram for various dimming protocols.
- ▶ Before beginning the wiring process, double check the type of connection specified.

T1 Type fixture only have an input, and cannot be used for daisy chained fixtures.

CONTINUOUS RUNS

T2 Type fixtures have through wiring and are meant to be daisy chained.



Wiring Color Codes

	Ground	Line	Neutral	Dimmed Line	0-10V +	0-10V -	Dali +	Dali -
UL System	Green	Black	White	Orange	Red	Grey	Red	Orange
CE System	Yellow/Green	Brown	Blue	N/A	Red	Black	Red	Black

Wiring Instructions for continuous runs (Daisy Chained Fixtures)

Max daisy chain length (A minimum of 18 AWG or 0.752 mm is required)

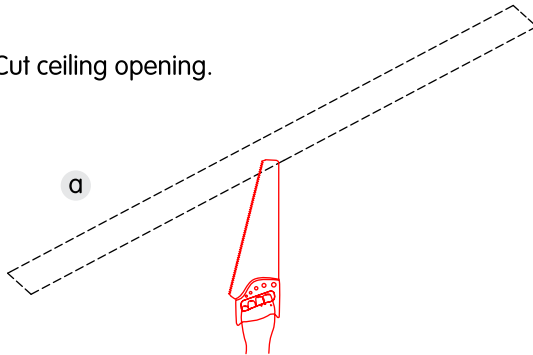
System	Voltage	"L" Output	"S" Output	"H" Output	"W" & "T" Outputs
UL	120VAC - 60 Hz	100 ft.	50 ft.	36 ft.	50 ft.
	277VAC - 60 Hz	200 ft.	100 ft.	70 ft.	100 ft.
CE	240VAC - 50/60 Hz	45m	23m	17m	23m



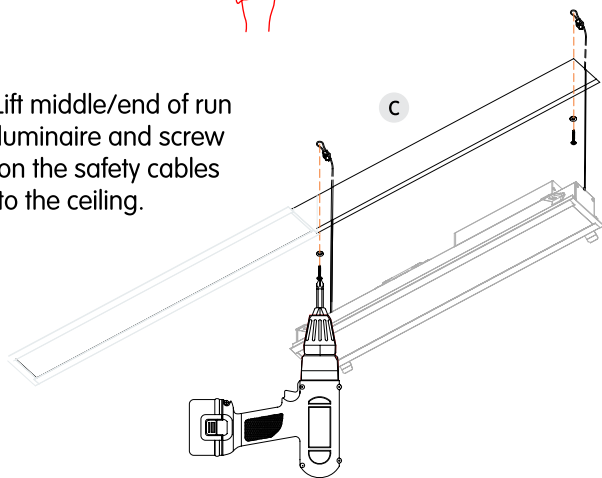
WARNING: Do not exceed the rated wattage of the through wiring cables or the connectors.
For all continuous runs, refer to factory shop drawing indicating exact dimensions and feed locations.

5. CONTINUOUS RUN INSTALLATION

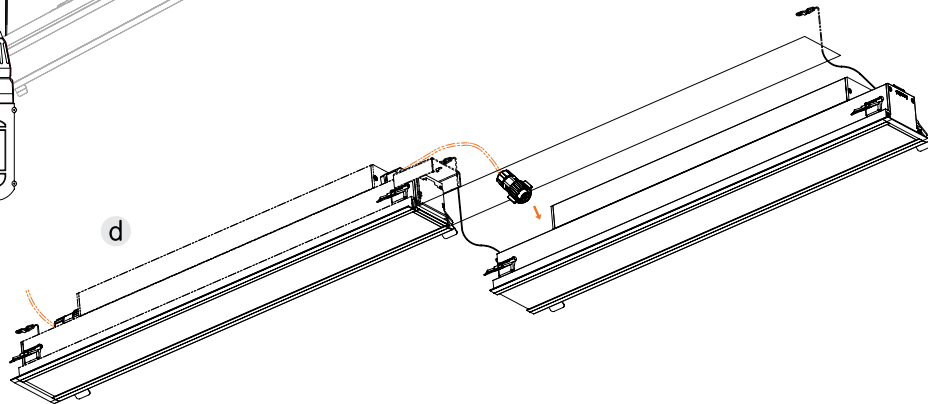
- Cut ceiling opening.



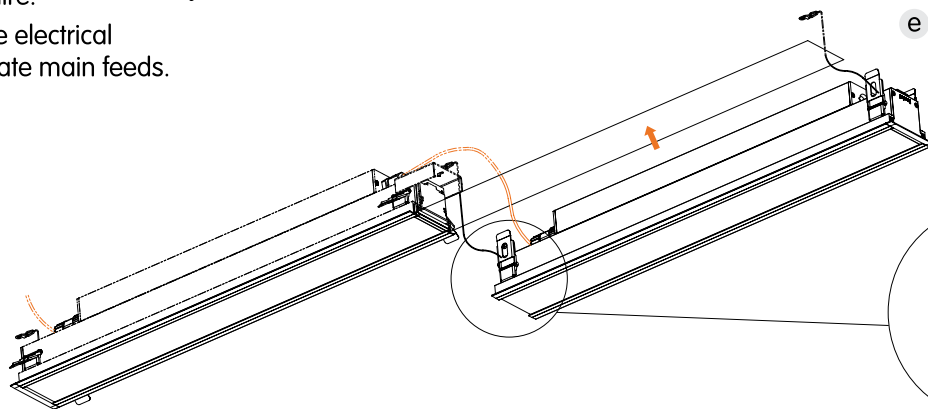
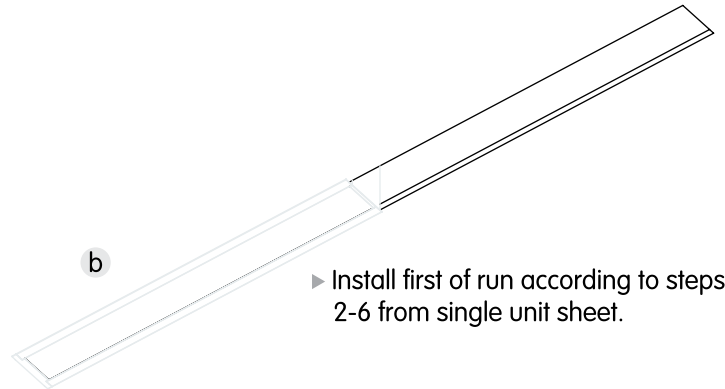
- Lift middle/end of run luminaire and screw on the safety cables to the ceiling.



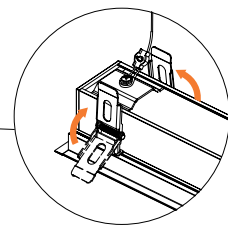
- For through wiring, make the electrical connection using the connector of the preceding luminaire. Please refer to the electrical layout plan to locate main feeds.



- Install first of run according to steps 2-6 from single unit sheet.



- Lift the springs.

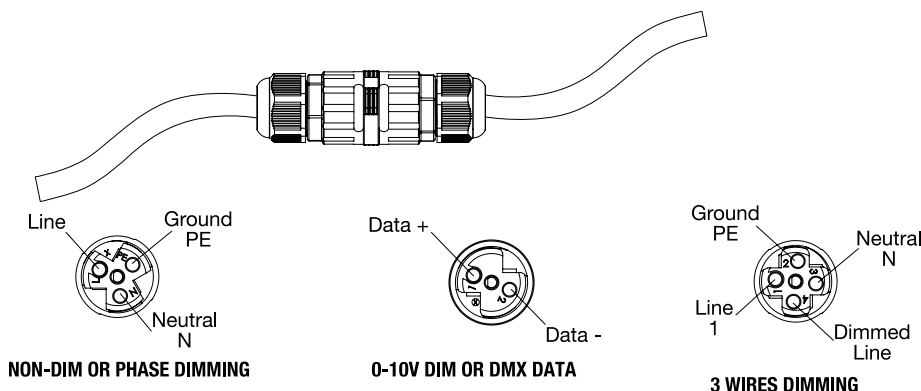


WARNING: Do not exceed the rated wattage of the through wiring cables or the connectors.
For all continuous runs, refer to factory shop drawing indicating exact dimensions and feed locations.

LINE-TO-LINE CONNECTOR:

When Provided with Line-to-Line Connectors, fixtures will be Type 2 (Daisy chained) as show on page 3 and will have an Input cable and an Output cable with specific length. These Cables shall be connected and terminated On-site.

Line-to-Line Connectors will have a separate instruction manual included in the fixture's packaging, giving detailed instructions on how to connect the leads properly. This step requires following the below wire labeling closely to prevent any damage to the fixtures.



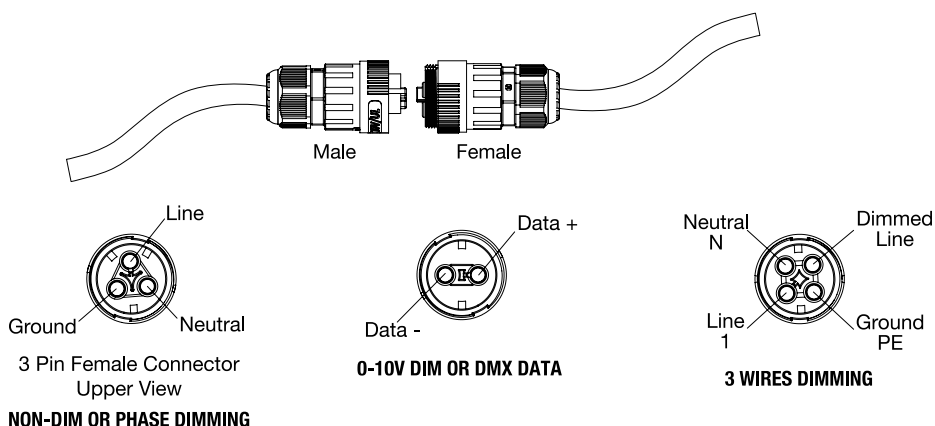
Warning: Failure to follow the wiring color coding and connectors pin labeling will void the fixtures warranty.

Warning: For 0-10v dimming, the fixture are provided with two (2) cable leads, one with a 3 pin connector for power and the other with 2 pins connector for dimming wires. follow below connector labeling for termination of wires.

MALE / FEMALE

When fixtures are ordered for continuous runs, (Daisy Chained), fixtures will be provided with MALE / FEMALE Connectors.

Connectors are factory installed on Input and Output cables leads.



Warning: Failure to follow the wiring color coding and connectors pin labeling will void the fixtures warranty.

WARNING: The connectors pins labeling can be found inside connector, embossed on the wire terminals. Always double check factory wiring order before connecting terminating the cables on-site.