

Warning

- Carefully read these instructions before assembling the Fixture, to assure its correct and safe working performance.
- Keep these instructions in a safe place for future consultation; contact your distributor in the event of malfunction.
- **Do not modify the Fixture. Modifying the Fixture in any way invalidates the guarantee of conformity with standards and directives in force and it could make the actual Fixture hazardous. Reggiani will not be responsible for any damage or injury due through misuse of product.**
- The Fixture must be installed by qualified experts in accordance with industry best practice.
- System is intended for installation in accordance with National Electric Code, and local regulations. Consult with local inspector to assure compliance.
- As a safety guarantee, any components damaged while the Fixture is operating must be replaced with the same components before it is used again.
- **Turn off power at main switch before installing or modifying the system to prevent the risk of fire, electrical shock and injuries to persons.**
- Warning: [Risk of fire] do not install insulation within 3 inches around fixture, or junction box, or in a manner to entrap heat.

Wiring

- The driver supplied with the Fixture is specially designed to maximize performance. Unless the Reggiani engineering department issues specific authorization, use of other drivers is prohibited.
- For non-track Fixtures, Fixture is provided with either remote driver, semi-remote driver, or integral driver.
Note: Before turning on mains power, confirm LED wires are properly connected to driver output wires.
 - For remote and semi-remote driver, the correct wiring sequence is to wire the LED to the driver output, then connect the driver input to mains power. Note: if semi-remote option is available, then driver is serviceable through Fixture aperture.
 - For integral driver, the wiring between LED and driver output is prewired. The correct wiring sequence is to wire the driver input to mains power.

Dimming

- Below is an overview of the different dimming options Reggiani offers, consult Factory for availability.
- **Phase Cut [Reverse and Forward]**
The luminous flux is dimmed by varying the AC power delivered to the Fixture via Reverse [ELV] and Forward [Triac] phase configurations.
- **Analogue [0-10V]**
The luminous flux is dimmed by varying a 0-10V direct voltage signal through polarity sensitive purple [dim +] and grey [dim -] wiring.
- **Dali Digital**
The luminous flux is dimmed by sending a digital signal through polarity independent positive [D+] and negative [D-] wiring.
- **Lutron EcoSystem**
The luminous flux is dimmed by sending a digital signal through polarity independent E1 and E2 EcoSystem Digital Link wiring.
- **Emergency Lighting**
The Fixture can be converted into emergency lighting by wiring to an emergency lighting inverter.

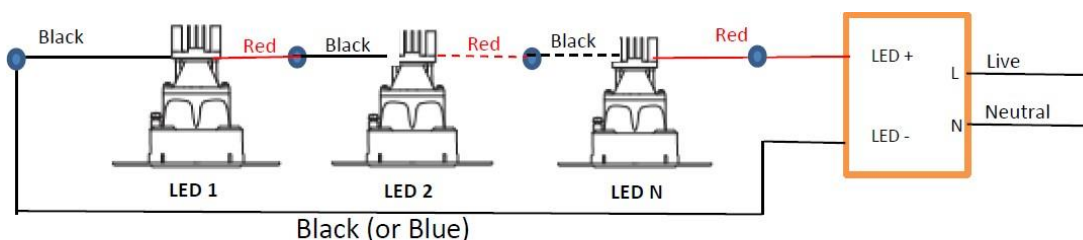
General Features of Mood

- The Mood product line is composed of three main categories that are Adjustable, Fixed, and Wall Washer.
- Each main category can be further broken down into four subcategories and their availability in five different sizes (XS, S, M, L, and XL).
- The following chart displays the availability of Fixture in sizes whereby "Y" represents it is available and "N" represents it is not available.
- The Mood Fixed Square XS is available in two additional shapes. The first shape is linear and carries four Fixtures butted up one in front of the other. The second shape is in a form of a square whereby four Fixtures are clustered together.

Mood	XS	S	M	L	XL
Adjustable - Round Flush	N	Y	Y	Y	Y
Adjustable - Round Cone	N	N	Y	Y	Y
Adjustable - Square Flush	N	Y	Y	Y	Y
Adjustable - Square Pyramid	N	N	Y	Y	Y
Fixed - Round	Y	Y	Y	Y	Y
Fixed - Square	Y	Y	Y	Y	Y
Fixed - Round w/ Dome	Y	Y	Y	Y	N
Fixed - Round w/ Cylinder	Y	Y	Y	Y	N
Wall Washer - Round	N	Y	Y	Y	Y
Wall Washer - Round Drop	N	Y	Y	Y	Y
Wall Washer - Square	N	Y	Y	Y	Y
Wall Washer - Square Drop	N	Y	Y	Y	Y

Remote/Semi-Remote Driver Installation

- Note:
 - Remote/Semi-Remote driver must be installed in an accessible serviceable location with maximum ambient temperature of 100 degrees Fahrenheit (37 degree Celsius).
 - Remote/Semi-Remote driver box requires 3" clearance from any insulation.
 - The LED drivers are secured in a metal enclosure with standard ½" trade size knock-outs.
 - From the specification sheet or Fixture cutsheet determine the wiring method, series or parallel, and the number of Fixtures per driver for the model.
 - For multiple Fixtures powered to one driver via parallel circuit, connect all positive low voltage wires [fixtures and driver] to a common splice point and same with the negative.
 - For multiple Fixtures powered to one driver via series circuit, each Fixture is to connect to the next by alternating polarity. See example wiring below.



**** (Amount of fixtures used per driver may vary, however same layout applies) ****

- Maximum driver distance from Remote/Semi-Remote driver to Fixture is as follows:

Maximum Driver Distance	
Wire Gauge	Distance [ft]
18GA	60'
16GA	80'
14GA	100'

- Identify Remote/Semi-Remote driver and Z Brackets. [Fig. 6]
- Bring building mains power wires to Remote/Semi-Remote driver box through side knock-out. [Fig. 7]
- Remove Remote/Semi-Remote driver box cover, exposing driver input and output wires. [Fig. 8]
- Connect building wires to LED driver input wires as such: white to white [neutral], black to black [hot], and green to green/bare [ground]. [Fig. 9]
- Through appropriate methods, extend Remote/Semi-Remote driver output wires to Fixture ceiling junction box in preparation to connect with Fixture LED (+) and LED (-) wires.
- Secure Remote/Semi-Remote driver on flat surface via provided Z Brackets (Typ. 2) [Fig. 6]. Depending on field condition,

use appropriate screws to secure Z Brackets on driver box and flat surface. [Fig. 10]

- Alternately, the Remote/Semi-Remote driver metal enclosure may be secured onto surface using hardware by others. First remove driver enclosure cover plate, fasten sheet metal screw through metal enclosure and onto surface, and then reattach driver enclosure cover plate.



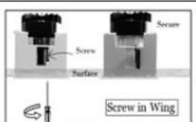
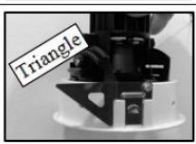
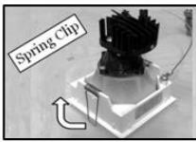
Ceiling Preparation for Fixture

- Use the following chart to appropriately cut out the hole in the ceiling for the Fixture.
 - Tolerance: $\pm 1/16$ inch

Table A: Ceiling Cut Out Dimensions (inches)					
Fixture Model	XS	S	M	L	XL
Adjustable - Round Flush	N/A	2.30	3.6	4.80	6.50
Adjustable - Round Cone	N/A	N/A	3.6	4.80	6.50
Adjustable - Square Flush	N/A	2.30 x 2.30	3.60 x 3.60	4.80 x 4.80	6.50 x 6.50
Adjustable - Square Pyramid	N/A	N/A	3.60 x 3.60	4.80 x 4.80	6.50 x 6.50
Fixed - Round	1.50	2.30	3.6	4.80	6.50
Fixed - Square	1.50 x 1.50	2.30 x 2.30	3.60 x 3.60	4.80 x 4.80	6.50 x 6.50
Fixed - Round w/ Dome	1.50	2.30	3.6	4.80	N/A
Fixed - Round w/ Cylinder	1.50	2.30	3.6	4.80	N/A
Wall Washer - Round	N/A	2.30	3.6	4.80	6.50
Wall Washer - Round Drop	N/A	2.30	3.6	4.80	6.50
Wall Washer - Square	N/A	2.30 x 2.30	3.60 x 3.60	4.80 x 4.80	6.50 x 6.50
Wall Washer - Square Drop	N/A	2.30 x 2.30	3.60 x 3.60	4.80 x 4.80	6.50 6.50

- Depending on the Mood shape and size, there may be different mounting spring clips. Refer to the following Spring Clip Table before Fixture installation.

Table B: Spring Clip Table

Butterfly	Pull back wings and position into the surface cut-out. Release once luminaire is in place to secure.	
Screw in Latch	From the front face, insert screw in corner hole. On the reverse side, slide the latch through the hole with the scoop facing up. Slide the nut over the scoop and tighten.	
Screw in Wing	Remove face plate to expose wing screws, tighten until wings extend from fixture body and are secure.	
Triangle	Compress and release to hold fixture with cut out	
Spring Clips	Fold up and insert through cut out. <i>Caution! Do not release spring tension until springs are fully in cut-out./</i>	

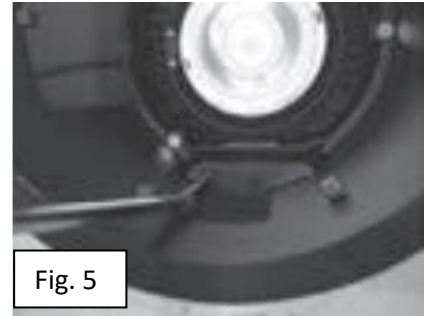
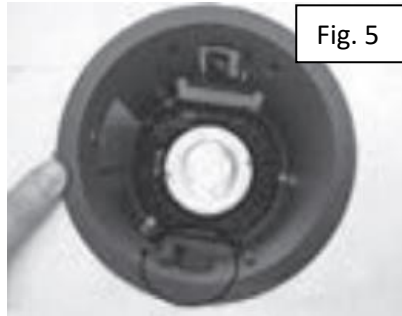
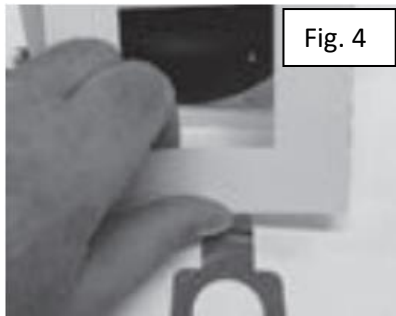
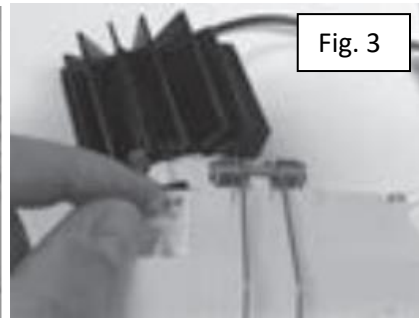
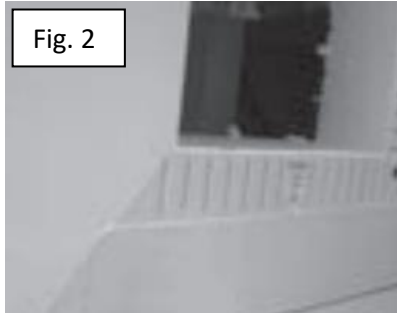
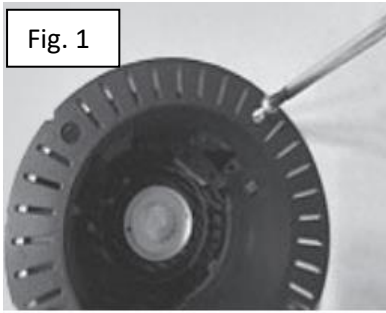
Fixture Installation: Trimless Version

- Adjustable (S, M, L, XL). Fixed (XS, S, M, L, XL). Wall Washer (S, M, L, XL)
 - Note: Installation of Remote/Semi-Remote driver and extended low voltage wiring must be completed prior to Fixture installation.
 - Make the appropriately sized cut out hole in the ceiling, see Table A: Ceiling Cut Out Dimensions.
 - Connect previously extended Remote/Semi-Remote driver output wires to Fixture LED (+) (Red) and LED (-) (Black) wires.
 - Insert Fixture into ceiling cut out and use provided screws to fix in place. [Fig. 1]
 - Finish with plaster, smoothing it evenly around the mud flange. [Fig. 2]

Fixture Installation: Trim Version

- Adjustable (S, M, L, XL). Fixed (XS, S, M). Wall Washer (S, M, L, XL)
 - Note: Fixture mounting clips accommodates 5/8-inch ceiling thickness. Installation of Remote/Semi-Remote driver and extended low voltage wiring must be completed prior to Fixture installation.
 - Make the appropriately sized cut out hole in the ceiling, see Table A: Ceiling Cut Out Dimensions.
 - Connect previously extended Remote/Semi-Remote driver output wires to Fixture LED (+) (Red) and LED (-) (Black) wires.
 - Secure mounting spring clips (see Table B: Spring Clip Table) and then push Fixture into the ceiling cut-out. [Fig. 3]
- Fixed (L, XL)
 - Note: All Fixture mounting clips accommodates a minimum of 5/8-inch ceiling thickness. Installation of Remote/Semi-Remote driver and extended low voltage wiring must be completed prior to Fixture installation.
 - Make the appropriately sized cut out hole in the ceiling, see Table A: Ceiling Cut Out Dimensions.
 - Connect previously extended Remote/Semi-Remote driver output wires to Fixture LED (+) (Red) and LED (-) (Black) wires.
 - Remove Fixture faceplate. [Fig. 4]
 - Secure Fixture in place by tightening screw in wing. [Fig. 5]
 - Reinstall Fixture faceplate.

Diagrams



Remote/ Semi-Remote Driver

Z Bracket (Typ. 2)

Fig. 6

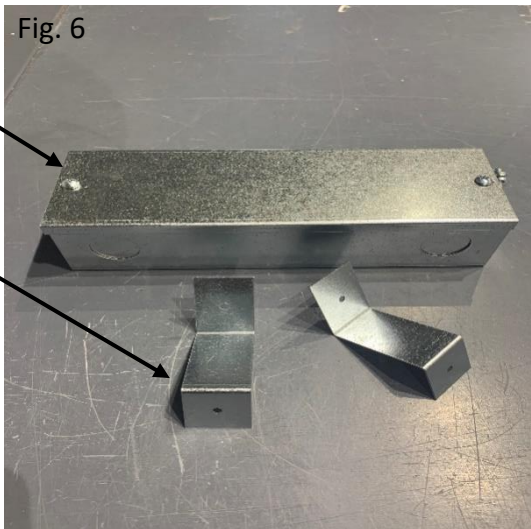


Fig. 7

Knock-out

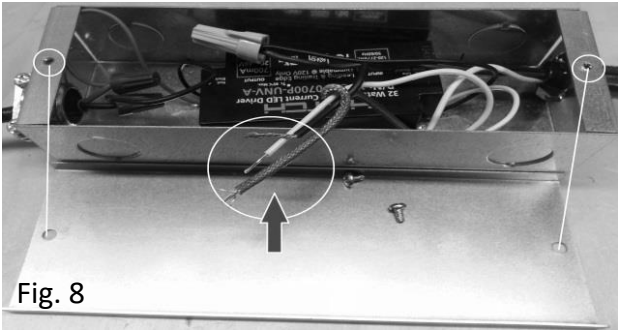
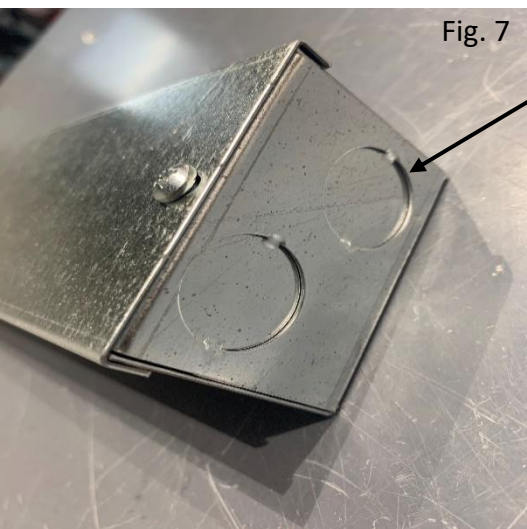


Fig. 8

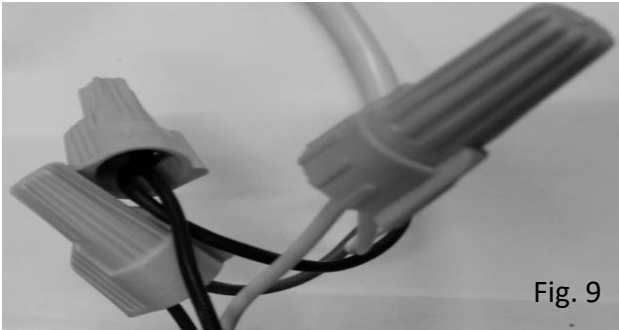


Fig. 9

Z Bracket (Typ. 2)

Screws provided by others.

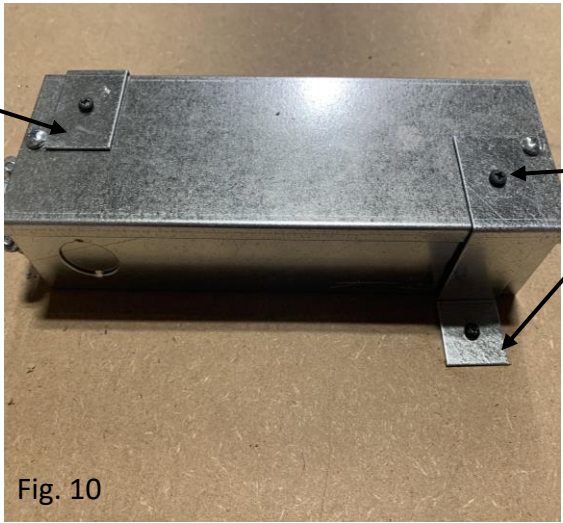


Fig. 10