Mood Instruction Manual

REGGIANI LIGHTING USA INC
Rev 00.6.13.2017

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Installation Instructions: MOOD M-L-XL Trim Version

Important:

1. Read all instructions before installing.
2. Installation to be conducted by a qualified electrician only.
3. System is intended for installation in accordance with National Electric Code and local regulations. Consult with local inspector to assure compliance.
4. Turn off power at main switch before installing or modifying the system to prevent electrical shock and injuries to persons
5. Warning: (Risk of fire) do not install insulation within 3 inches of fixture sides, or junction box, or in a manner to entrap heat.
6. Retain instructions for future maintenance reference.

Mounting Instructions

1. Make the appropriate sized cut out hole in the ceiling.

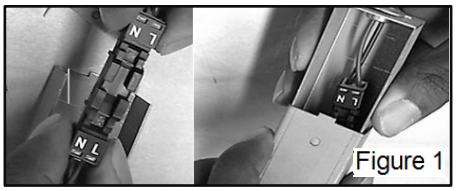
2. Pass wires from the housing through the ceiling cut out hole.

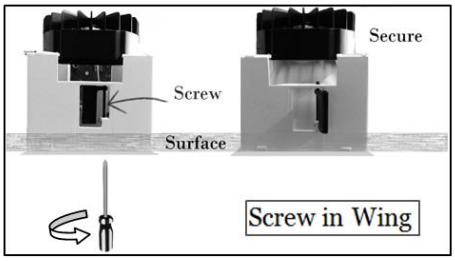
3. Join to the trim wire assembly via the mating snap connectors. Secure metal cover over connectors (**Figure 1**).

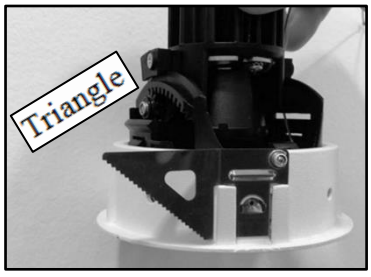
4. Tuck connected wires back into housing.

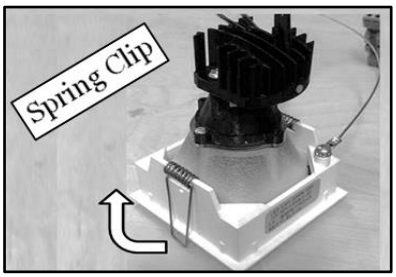
5. Place trim in cut out and engage the mounting springs. Note: See table below showing various mounting spring formats.

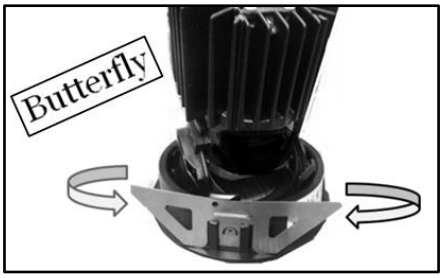
6. Decorative aperture plates or reflectors are held in place by magnets and or friction “O” rings.











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Reggiani

Table-1

Size	Shape	Type	Cut-out Diameter	Clips used
XSmall	Round	Fixed	1.5”	Spring Clip
XSmall	Square	Fixed	1.5”x1.5”	Spring Clip
Small	Round	Fixed	2.25”	Spring Clip
Small	Round	Adjustable	2.3”	Triangle
Small	Round	Wall-Washer	2.5”	Triangle
Small	Square	Fixed	2.25”x2.25”	Spring Clip
Small	Square	Adjustable	2.25”x2.25”	Spring Clip
Small	Square	Wall-Washer	2.5”x2.5”	Triangle
Medium	Round	Fixed	3.5”	Triangle
Medium	Round	Adjustable	3.5”	Triangle
Medium	Round	Wall-Washer	3.75”	Triangle
Medium	Square	Fixed	3.25”x3.25”	Triangle
Medium	Square	Adjustable	3.5”x3.5”	Screw in Latch
Medium	Square	Wall-Washer	3.75”x3.75”	Triangle
Large	Round	Fixed	4.75”	Screw in Wing
Large	Round	Adjustable	4.75”	Butterfly
Large	Round	Wall-Washer	4.75”	Butterfly
Large	Square	Fixed	4.75”x4.75”	Screw in Wing
Large	Square	Adjustable	4.75”x4.75”	Screw in Latch
Large	Square	Wall-Washer	4.75”x4.75”	Butterfly
XLarge	Round	Fixed	6.5”	Screw in Wing
XLarge	Round	Adjustable	6.5”	Butterfly
XLarge	Round	Wall-Washer	6.75”	Butterfly
XLarge	Square	Fixed	6.5”x6.5”	Screw in Wing
XLarge	Square	Adjustable	6.5”x6.5”	Screw in Latch
XLarge	Square	Wall-Washer	6.75”x6.75”	Butterfly

Table-2

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. ***Caution! Do not release spring tension until springs are fully in cut-out.***

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Installation Instructions: MOOD M-L-XL Trimless Version

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4. Turn off power at main switch before installing or modifying the system to prevent electrical shock and injuries to persons
5. Warning: (Risk of fire) do not install insulation within 3 inches of fixture sides, or junction box, or in a manner to entrap heat.
6. Retain instructions for future maintenance reference.

Mounting Instructions

1. Make the appropriate sized cut out hole in the ceiling.

2. Pass wires from the housing through the ceiling cut out hole.

3. Join to the trim wire assembly via the mating snap connectors. Secure metal cover over connectors (**Figure 1**).

4. Tuck connected wires back into housing.

5. Affix mud flange to ceiling with dry wall screws (not supplied) through the flange holes (**Figure 2**). (**Note:** For adjustable and wall washer models, make note of the direction of aiming.)

6. Apply joint compound and allow to dry, then paint. (**Figure 3**).

7. Decorative aperture plates or reflectors are held in place by magnets and or friction “O” rings.

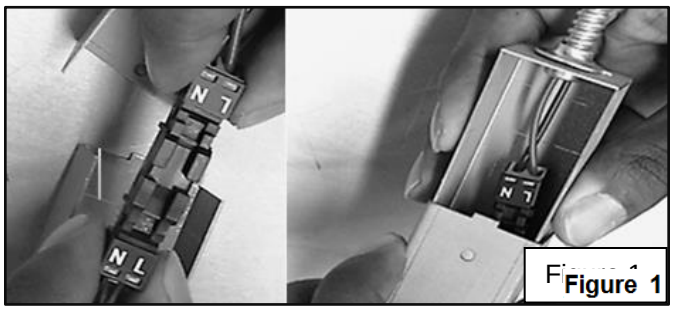

Figure 1

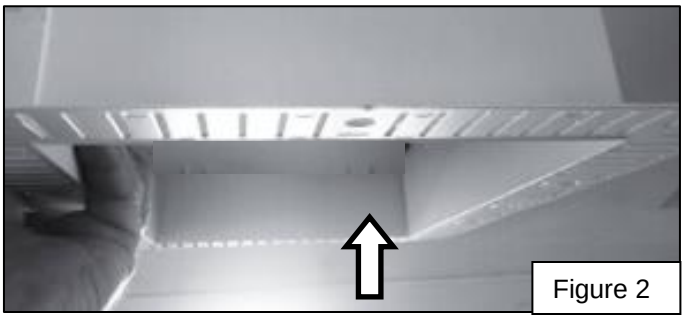
Figure 2

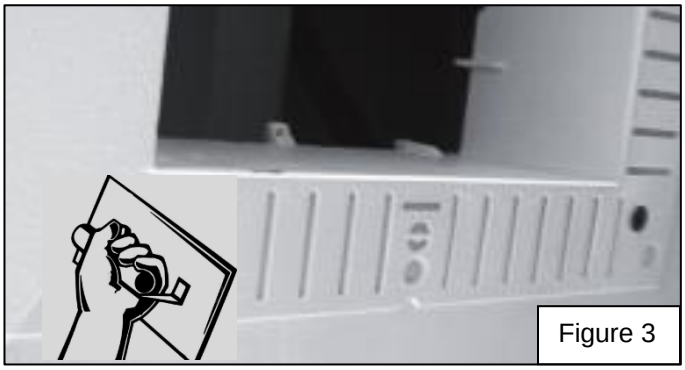
Figure 3

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Installation Instructions: MOOD XS-S (Trim models)

Important:

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2. Installation by a qualified electrician only.
3. To reduce the risk of fire, electrical shock and injuries to persons, turn off power at main switch before installing or modifying the system
4. System is intended for installation in accordance with National Electric Code, and local regulations. Consult with local inspector to assure compliance.
5. Warning: (Risk of fire) do not install insulation within 3 inches of fixture sides, or junction box, or in a manner to entrap heat.
6. Retain instructions for future maintenance reference.

Wiring Driver:

1. Select a location for the driver that is located in an ambient temperature environment, dry and accessible for service.
2. Driver may be wired with one fixture, or multiple fixtures wired in series. (**Note:** Refer to following page for driver and fixture wiring diagram)
3. If using SVT 18AWG wires to run between fixture and remote driver location, wire length can extend up to 40 ft. (**Note:** Consult voltage drop charts to find ratio of distance vs. wire gauge vs. wattage load)
4. Bring building wire up to appropriate side of driver box knock-out.
5. Use wire nuts (or terminals) to join building wire to the driver (remove here*)being used. The wires should be coupled as follows: White to White (neutral), Black to Black (hot) and Green to Green/Bare (ground).

Wiring Fixtures (Individually):

1. If utilizing one driver per fixture, make sure to observe polarity. Join the Red (hot) to Red and Black (neutral) to Black (or Blue) wire from each fixture to the applicable driver wires with wire nuts (or terminals). (**Note:** Reference **Diagram 1: Single Fixture to Driver Wiring** for wiring layout)

Wiring Fixtures (In Series):

1. Follow the sequence for series wiring in the diagram on the following page. Make sure that the Black (neutral) driver-side wire connects to the Black (neutral) wire of the first fixture, the Red (hot) wire from the first fixture connects to the Black (neutral) of the second fixture and so on, until the last fixture has its Red (hot) wire connected to the Red (hot) wire of the driver. (**Note:** Reference **Diagram 2: Multiple Fixtures (Series) to Driver Wiring** for wiring layout)

Diagram 1: Single Fixture to Driver Wiring

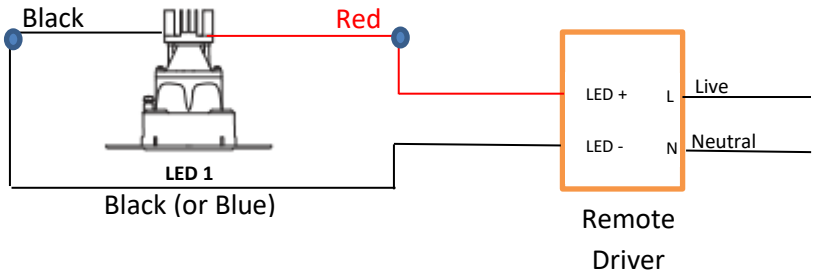
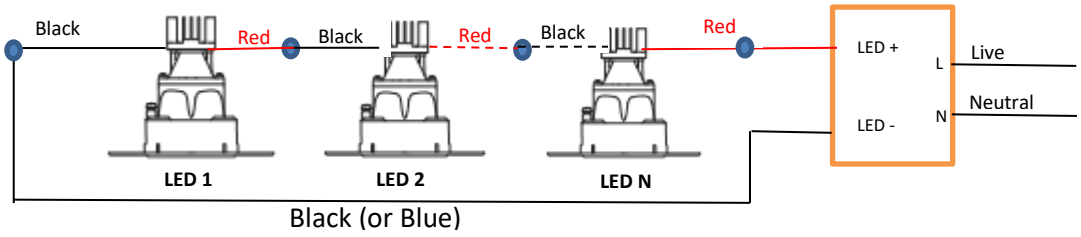


Diagram 2: Multiple Fixtures (Series) to Driver Wiring



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

Table 1 – Driver Configuration Tables

XS Mood

	Current Out	Fwd. Volts	Output Rating
Single Fixture	700ma	3.0V – 3.8V	Class 2

S Mood

	Current Out	Fwd. Volts	Output Rating
Single Fixture	1050ma	2.9V – 3.7V	Class 2

Note: Driver used must be NRTL (Nationally Recognized Testing Laboratories) certified and suitable for damp/dry locations (as dependant on the need).

Mounting Instructions – Trim Version

1. Make the appropriate sized cut out hole in the ceiling (**Note:** Reference **Table 2** below for applicable cut-out dimensions.)

2. Pass remote wires through ceiling cut-out, leaving output ends outside of aperture to be connected with trim. (**Figure 1**)

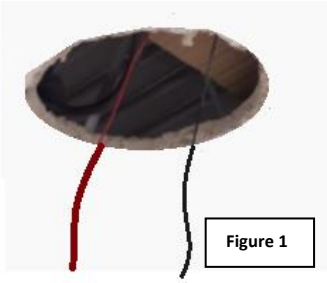


Figure 1

3. Connect the trim wires and the driver-side wires with wire nuts (or terminal blocks). (**Figure 2)**

4. Tuck connected wires back into cut-out.

5. Place trim in cut out and engage the mounting springs. (**Note:** Reference **Table 3** below showing various mounting spring formats and use the applicable method.)

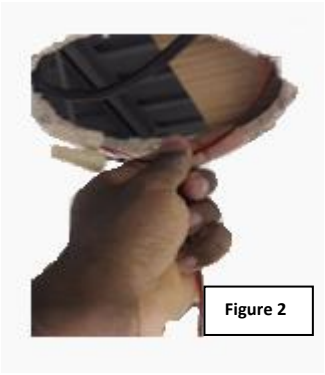


Figure 2

6. Decorative aperture plates or reflectors are held in place by magnets and or friction “O” rings.

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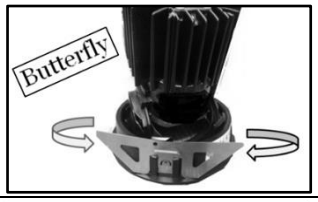
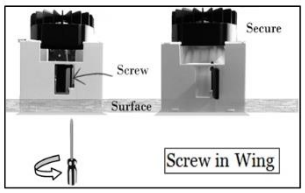
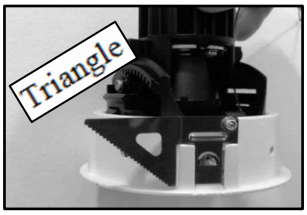
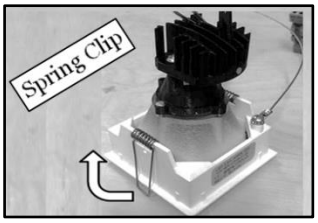
Table 2 – Cut Out Dimensions

Size	Shape	Type	Cut-out Diameter	Clips used
XSmall	Round	Fixed	1.5”	Spring Clip
XSmall	Square	Fixed	1.5”x1.5”	Spring Clip
Small	Round	Fixed	2.25”	Spring Clip
Small	Round	Adjustable	2.3”	Triangle
Small	Round	Wall-Washer	2.5”	Triangle
Small	Square	Fixed	2.25”x2.25”	Spring Clip
Small	Square	Adjustable	2.25”x2.25”	Spring Clip
Small	Square	Wall-Washer	2.5”x2.5”	Triangle

Table 3 – Trim Clip Types

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. *Caution! Do not release spring tension until springs are fully in cut-out.*	

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1. Select a location for the driver that is located in an ambient temperature environment, dry and accessible for service.
2. Driver may be wired with one fixture, or multiple fixtures wired in series. (**Note:** Refer to following page for driver and fixture wiring diagram)
3. If using SVT 18AWG wires to run between fixture and remote driver location, wire length can extend up to 40 ft. (**Note:** Consult voltage drop charts to find ratio of distance vs. wire gauge vs. wattage load)
4. Bring building wire up to appropriate side of driver box knock-out.
5. Use wire nuts (or terminals) to join building wire to the driver being used. The wires should be coupled as follows: White to White (neutral), Black to Black (hot) and Green to Green/Bare (ground).

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Diagram 1: Single Fixture to Driver Wiring

Single Fixture to Driver Wiring

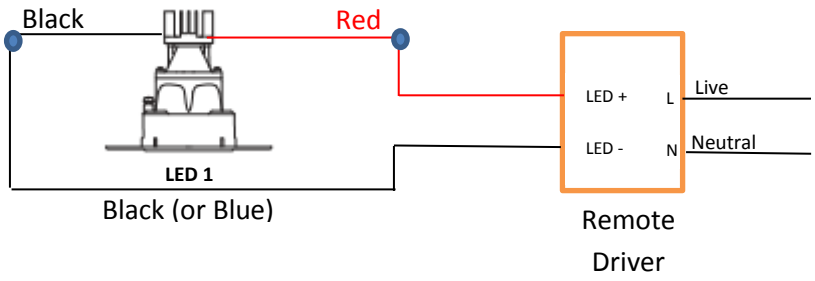
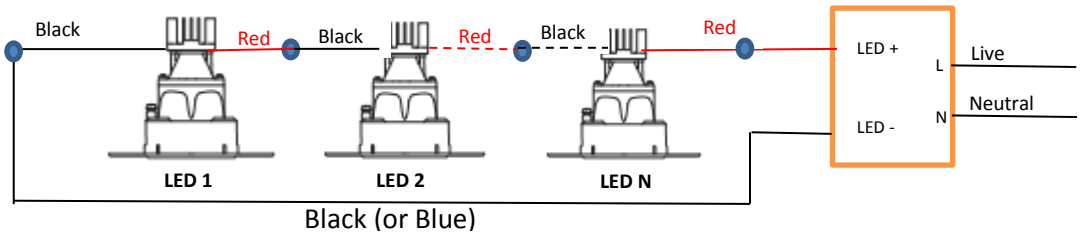


Diagram 2: Multiple Fixtures (Series) to Driver Wiring



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Fixture Mounting Instructions – Trimless Version

1. Make the appropriate sized cut out hole in the ceiling (**Note:** Reference **Table 2** below for applicable cut-out dimensions.)

2. Pass remote wires through ceiling cut-out, leaving output ends outside of aperture to be connected with trim. (**Figure 1**)

3. Connect the trim wires and the driver-side wires with wire nuts (or terminal blocks). (**Figure 2)**

4. Tuck connected wires back into cut-out.

5. Affix mud flange to ceiling with dry wall screws (not supplied) through the flange holes (**Figure 3**).

6. Place trim in cut out and engage the mounting springs. (**Note:** Reference **Table 3** below showing various mounting spring formats and use the applicable method.)

7. Apply joint compound and allow to dry, then paint. (**Figure 4**).

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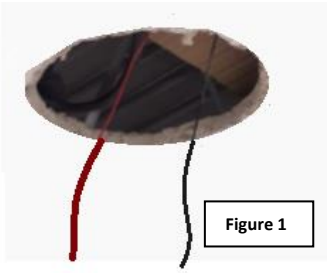
Figure 1

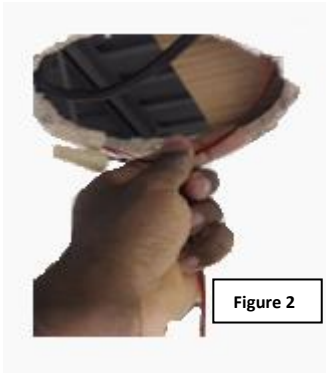
Figure 2

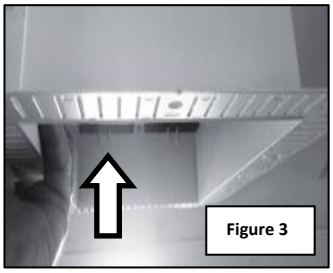
Figure 3

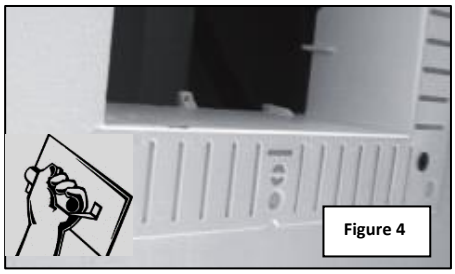
Figure 4

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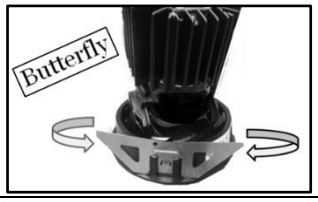
Butterfly	Pull back wings and position into the surface cut-out. Release once luminaire is in place to secure.	
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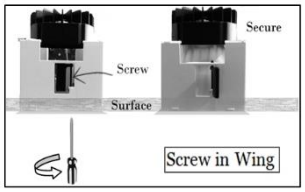
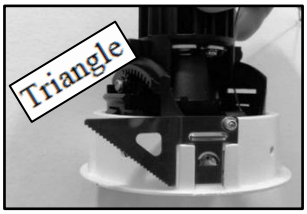
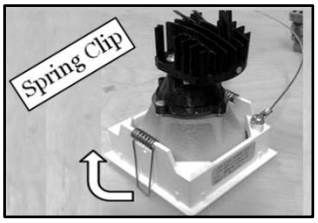
Screw in Wing	Remove face plate to expose wing screws, tighten until wings extend from fixture body and are secure.	
Triangle	Compress and release to hold fixture with cut out	
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