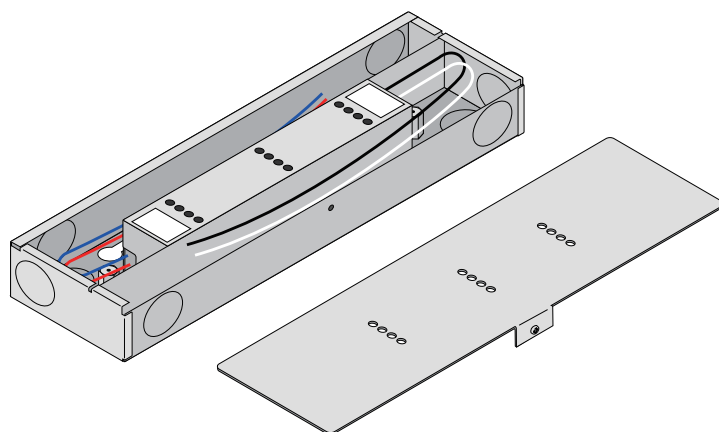


JVLM Series Junction Box & LED Driver

INSTALLATION GUIDE



QUICK SPECS / MODELS

SKU	JVLM60W-**\$JVLM100W-**
Input	120 & 277 Vac
Wattage	60 Watts, 100 Watts
Dimensions	L 207.2 x W 75.4 x H 33 mm (L 8.16 x W 2.97 x H 1.30 in)

** Output Voltage

SAFETY & WARNINGS

1. Read all instructions.
2. Install in accordance with national and local electrical code regulations.
3. This product is intended to be installed and serviced by a qualified, licensed electrician.
4. For cabinet and surface mount use only.
5. Do not install outdoors or in wet locations. For indoor and dry use only.
6. Do not conceal or extend exposed conductors through a building wall.
7. For low voltage exposed insulated conductor systems required by 30.1(c) of UL 2108 do not install any part of this system less than 7 feet (2.2m) above the floor.
8. To reduce the risk of fire and burns, do not install this lighting system where the exposed bare conductors can be shorted or contact any conductive materials.
9. To reduce the risk of fire and overheating, make sure all connections are tight.
10. Do not install any luminaire closer than 6 inches (15.25cm) from any curtain, or similar combustible materials.
11. Turn off electrical power before modifying the lighting system in any way.



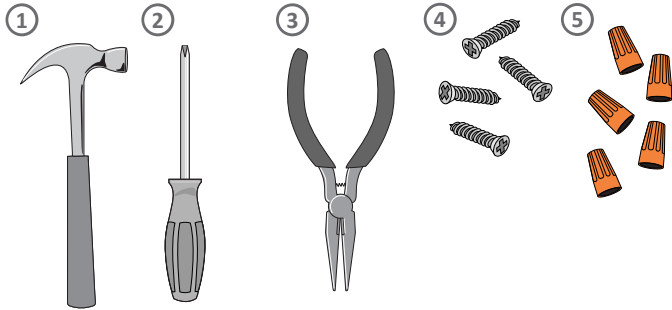
CONSIGNES DE SÉCURITÉ IMPORTANTES

1. Lisez toutes les instructions
2. Installez conformément à la réglementation du code électrique national et local.
3. Ce produit est destiné à être installé et entretenu par un électricien agréé qualifié.
4. Pour armoire et montage en surface utiliser seulement.
5. Ne pas installer à l'extérieur ou dans des endroits humides. Pour une utilisation en intérieur et sec seulement.
6. Ne pas cacher ou allonger des conducteurs exposés à travers un mur de bâtiment.
7. Pour la basse exposée tension systèmes de conducteurs isolés requis par 30.1 (c) de la norme UL 2108 ne pas installer une partie de ce système moins de 7 pieds (2.2m) au-dessus du sol.
8. Pour réduire le risque d'incendie et de brûlures, ne pas installer ce système d'éclairage où les conducteurs nus exposés peuvent être court-circuités ou communiquer avec tous les matériaux conducteurs. To reduce the risk of fire and overheating, make sure all connections are tight.
9. Pour réduire le risque d'incendie et de surchauffe, assurez-vous que toutes les connexions sont bien serrées.
10. Ne pas installer un luminaire à moins de 6 pouces (15,25 cm) de toute rideau, ou matériaux combustibles analogues.
11. Coupez l'alimentation électrique avant de évoluer le système d'éclairage en aucune façon.

JVLM Series Junction Box & LED Driver

INSTALLATION GUIDE

REQUIRED TOOLS



1. Hammer
 2. Phillip Head Screwdriver
 3. Pliers
 4. (4) Wood Screws
 5. (5) Twist-on Wire Connectors
- } Already included in JVLM, under lid

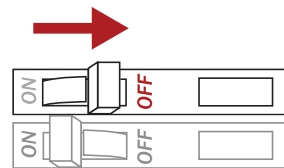
INSTALLATION

STEP 1 TURN POWER OFF AT CIRCUIT BREAKER



SHOCK HAZARD! May result in serious injury or death.

Turn power OFF at circuit breaker prior to installation.



Prior to mounting, turn on power and test connection to ensure system is operating properly. Turn off power again before mounting.

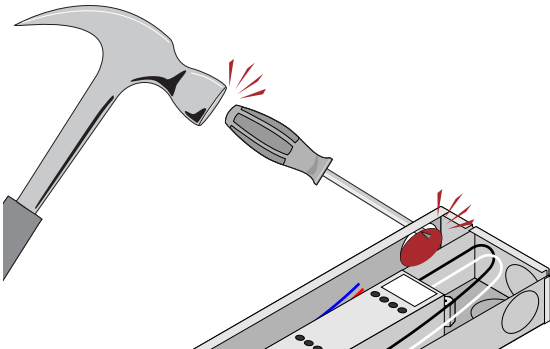
JVLM Series Junction Box & LED Driver

INSTALLATION GUIDE

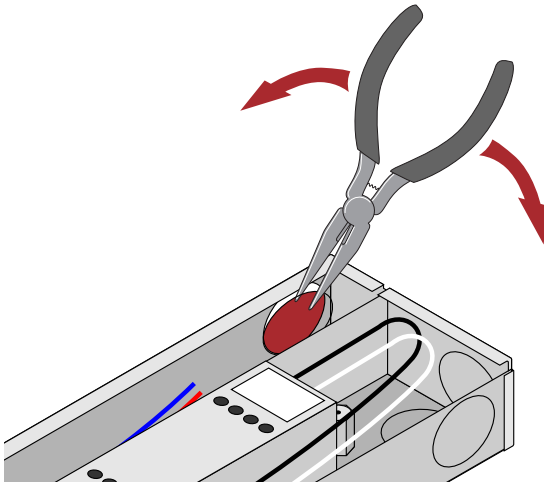
INSTALLATION (CONT.)

■ STEP 2 PUNCH OUT KNOCKOUTS FOR CONDUIT ACCESS

Use screwdriver and hammer to loosen knockout.



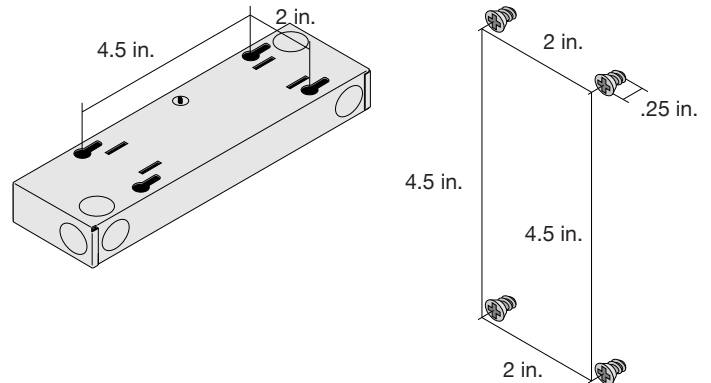
Grip knockout with pliers. Bend back and forth until broken off.



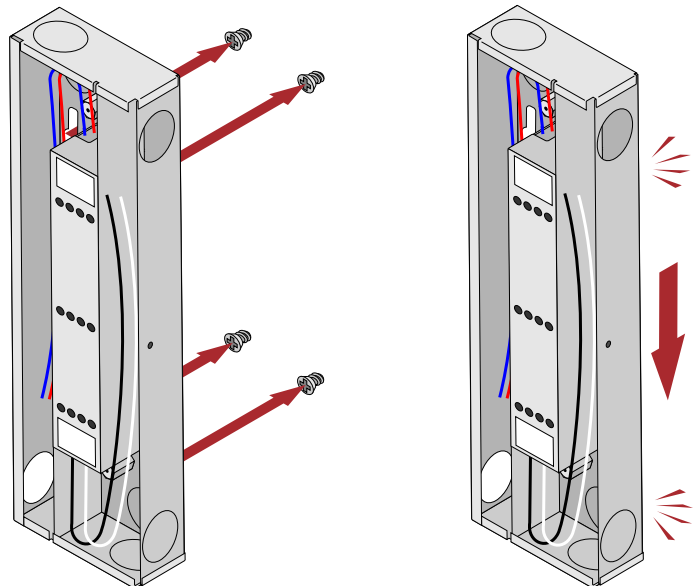
■ STEP 3 MOUNT DRIVER TO SURFACE

Mount wood screws into surface 2 inches apart horizontally and 4.5 inches vertically.

Allow approximately .25 in. of each screw to protrude from surface.



Place junction box over screws, then gently press down until set in place.



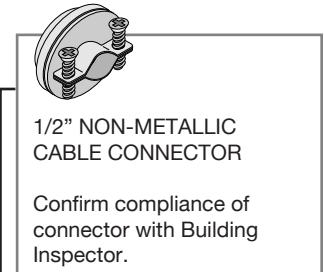
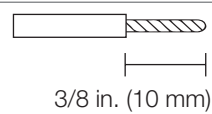
JVLM Series Junction Box & LED Driver

INSTALLATION GUIDE

INSTALLATION (CONT.)

STEP 4 WIRE DRIVER TO AC INPUT AND LOW VOLTAGE LOAD

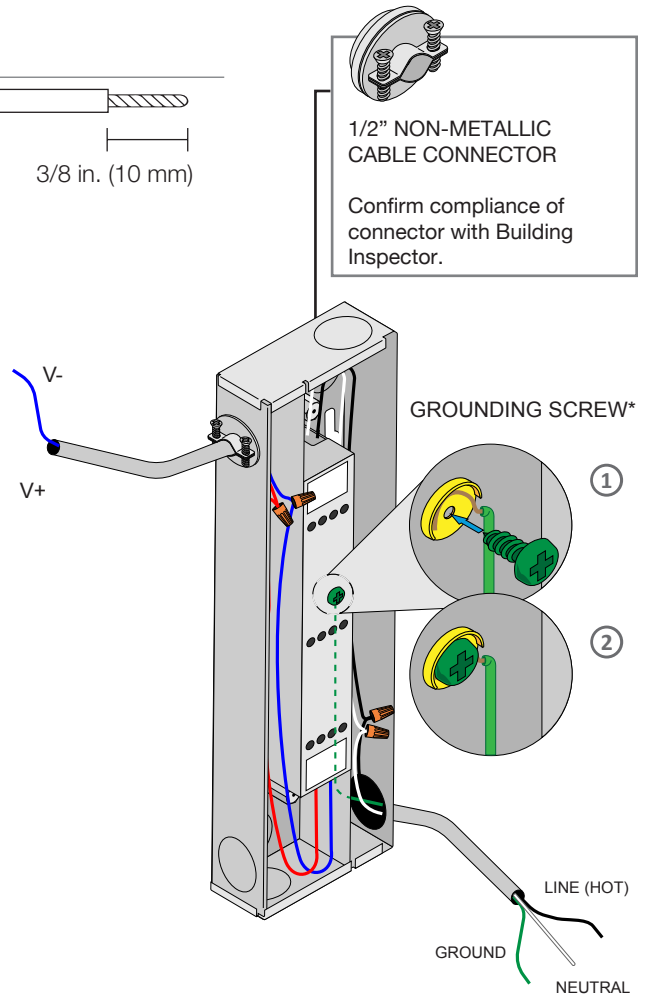
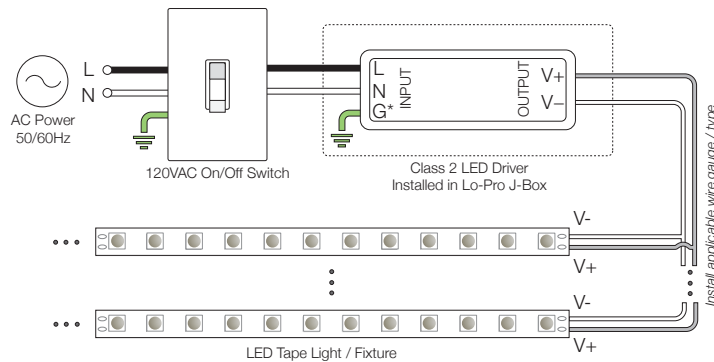
Wire Combination Range	Wire Combination Range (mm)
600V Max 22 to 14 AWG Min. (1) #18 & (2) #20 Max. (2) #14	600V Max 0.34mm ² to 2.5mm ² Min. (1) 0.75mm ² w/ (1) 0.50mm ² Max. (4) 1.5mm ² w/ (1) 0.50mm ²



Wire LED Driver. *Ensure main power is OFF.*

1. GND*: Attach to J-Box and to Primary Ground
2. Neutral: To Primary High Voltage Neutral
3. Line (Hot): To Primary High Voltage Line Hot
4. V+: To Low Voltage Load V+
5. V-: To Low Voltage Load V-

TRADITIONAL ON/OFF SYSTEM DIAGRAM



***LED Driver and J-Box must be grounded in accordance with local and national electrical codes.** Ground the LED Driver and J-Box with the included Green Grounding Screw. Some compatible LED drivers are Class II certified and do not require a GF (Ground Fault Connection). Refer to the LED driver label and installation guide for more information.

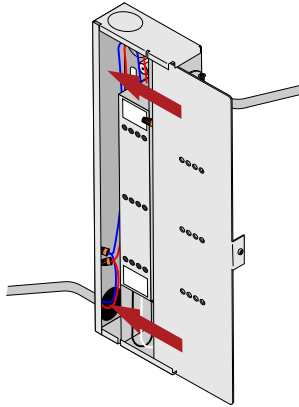
JVLM Series Junction Box & LED Driver

INSTALLATION GUIDE

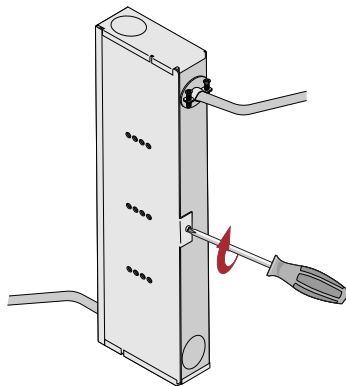
INSTALLATION (CONT.)

■ STEP 5 FASTEN COVER TO JUNCTION BOX

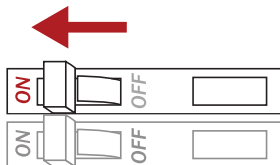
5.1 Slide cover under tabs.



5.2 Using phillips-head screwdriver, screw cover plate onto unit.



■ STEP 6 TURN POWER ON AT CIRCUIT BREAKER



TROUBLESHOOTING

SYSTEM WORKING IMPROPERLY?

Turn power OFF at circuit breaker and verify all connections. Review SYSTEM DIAGRAMS and TROUBLESHOOTING or email ERP Technical Support at SaveEnergy@erp-power.com.

Symptom	Common Cause
Fixture does not illuminate	<ul style="list-style-type: none">• Circuit breaker is OFF or tripped.

ADDITIONAL RESOURCES

Visit the on-line product page at www.erp-power.com for full product specifications, installation guides, and warranty information.

JVLM SERIES DATA SHEET

For full product specifications and warranty information.



Tel: +1-805-517-1300 | www.erp-power.com | SaveEnergy@erp-power.com
©2018 ERP Power LLC. All rights reserved. Specifications are subject to change without notice.