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 conceal or extend exposed conductors through a building wall.
6. 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.
7. 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.
8. To reduce the risk of fire and overheating, make sure all connections are tight.
9. Do not install any luminaire closer than 6 inches (15.25cm) from any curtain, or similar combustible materials.
10. Turn off electrical power before modifying the lighting system in any way.

QUICK SPECS / MODELS

<table>
<thead>
<tr>
<th>SKU</th>
<th>DI-JBOX-LPS3R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input</td>
<td>120V-277VAC 60HZ</td>
</tr>
<tr>
<td>Dimensions</td>
<td>10.44 in. x 7.25 in. x 2.13 in. (W x H x D)</td>
</tr>
</tbody>
</table>

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 cacher ou allonger des conducteurs exposés à travers un mur de bâtiment.
6. 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.
7. 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.
8. Pour réduire le risque d’incendie et de surchauffe, assurez-vous que toutes les connexions sont bien serrées.
9. Ne pas installer un luminaire à moins de 6 pouces (15,25 cm) de toute rideau, ou matériaux combustibles analogues.
10. Coupez l’alimentation électrique avant de évoluer le système d’éclairage en aucune façon.
**REQUIRED TOOLS**

1. Hammer
2. Phillip Head Screwdriver
3. Pliers
4. (4) Wood Screws
5. (4) Twist-on Wire Connectors

**INSTALLATION**

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.

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.
**INSTALLATION (CONT.)**

3 **MOUNT CABLE CONNECTORS IN KNOCKOUTS**

Fasten 1/2 in. or 3/4 in. wet location wire connectors through knockouts.

4 **MOUNT JUNCTION BOX TO SURFACE**

Mount junction box to surface using appropriate screws.

Ensure junction box is mounted vertically. *(Knockouts on bottom)*

5 **MOUNT DRIVER WITHIN JUNCTION BOX**

Insert driver between two mounting bolts.

Place bracket over driver and around mounting bolts.

Secure bracket into place with included nuts.
WIRE DRIVER TO AC INPUT AND LOW VOLTAGE LOAD

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−

Wire LED Driver. Ensure main power is OFF.

- GND*: Attach to J-Box and to Primary Ground
- Neutral: To Primary High Voltage Neutral
- Line (Hot): To Primary High Voltage Line Hot
- V+: To Low Voltage Load V+
- V−: To Low Voltage Load V−

**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.
5 OF 5

INSTALLED ON MANUFACTURER’S PREMISES

RIChest ACHIEVABLE DÉCOR

NEMA 3R Lo-Pro® JUNCTION BOX

INSTALLATION GUIDE

INSTALLATION (CONT.)

5. FASTEN COVER TO JUNCTION BOX

5.1 Slide cover under lip.

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

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 call Diode LED Technical Support at 877.817.6028.

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Common Cause</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixture does not illuminate</td>
<td>• Circuit breaker is OFF or tripped.</td>
</tr>
</tbody>
</table>

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

NEMA3R LO-PRO® JUNCTION BOX
SPECIFICATION SHEET
For full product specifications and warranty information.

© 2020 Elemental LED Inc. All rights reserved. Specifications are subject to change without notice.