

INSTALLATION INSTRUCTIONS | LPL4 LED Linear Luminaire

Note: Before attempting installation please refer to your local electrical code.

Installation should be carried out by a qualified electrician.

Read all the instructions before installation. Save instructions for later use.

CAUTION: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS:

- Always turn off power prior to installation or replacement.
- Use only insulated staples or plastic ties to secure cords.
- Route and secure cords so that they will not be pinched or damaged when the cabinet is pushed to the wall.
- Not intended for recessed installation in ceilings or soffits.
- The National Electric Code (NEC) does not permit cords to be concealed where damage to insulation may go unnoticed. To prevent fire danger, do not run cord behind walls, ceilings, soffits or cabinets where it may be inaccessible for examination. Cords should be visually examined periodically and immediately replaced when any damage is noted.
- Do not use any connection pin to touch any electrical conductors.
- Do not press directly on the top cover, as it may cause damage.
- For indoor use only. Do not use the product in a potentially combustible environment or outdoors.
- Only connect to adjacent units. 3.33A (400W) Maximum, see current and voltage ratings in Table 1 below.
- Use only with approved LPL4 LED luminaire accessory cords.
- Splice box (if used) must be certified. Use only ConTech Lighting model LP4AJB-X or LP4AOCC-X cULus Listed splice box.

IMPORTANT SAFETY INSTRUCTIONS:

- Turn off power at fuse or circuit breaker box before installation or before doing any maintenance work.
- **CAUTION:** Do not exceed 3.33A (400W) maximum load.
- For use with 120V 50/60Hz power supply only. Suitable for damp locations.
- Maximum distance from power receptacle to luminaire is determined by length of approved cord used. Maximum cord length is 72-inches.
- **WARNING:** Do not apply power to the luminaire and/or splice box (if used) until the following conditions have been met:
 - Mounting and wiring of luminaire and/or splice box is complete.
 - All connected or linked fixtures have been mounted.
 - All open electrical ports on fixtures and splice box (if used) have been covered with electrical port covers provided with fixture.
 - The splice box cover has been closed and screw securely fastened.
- **WARNING:** To prevent over heating, do not install in small enclosed spaces. To prevent electrical shock, do not install in wet environments. Do not install any fixture closer than 6" from any curtain or similar combustible material.
- UL Approved dimmers may be used. This product is suitable for use in dimming circuits.
- Do not operate this product if power or jumper cords have been damaged. Keep cords away from sources of heat and heated surfaces.
- Do not operate this product in environments where aerosol sprays are being used or where oxygen is being administered.
- Product must be mounted in locations and at heights and in a manner consistent with its intended use, and in compliance with National Electrical Code and local codes. Use of non-approved accessory equipment is not recommended.
- Installing contrary to instructions may cause unsafe conditions.
- **WARNING:** Risk of fire. Most dwellings built before 1985 have supply wire rated at 60°C. Consult a qualified electrician before installation.
- To avoid hazards to children, account for all parts and properly dispose of all packing materials.
- Call the Technical Support department at ConTech Lighting with any installation questions.

Table 1. LPL4 Electrical Rating

Model Number	Description	Max Current Interconnected	Max Watts Interconnected	Max Current Interconnected	Max Watts Voltage	Max Units	Input
LPL4S083040KC	8" Standard Output	0.03 A	3.6 W	3.33 A	400 W	111	120V 50/60Hz
LPL4S123040KC	12" Standard Output	0.04 A	4.8 W			83	
LPL4S243040KC	24" Standard Output	0.07 A	8.4 W			47	
LPL4S323040KC	32" Standard Output	0.09 A	10.8 W			37	
LPL4H083040KC	8" High Output	0.04 A	4.8 W			83	
LPL4H123040KC	12" High Output	0.07 A	8.4 W			47	
LPL4H243040KC	24" High Output	0.12 A	14.4 W			27	
LPL4H323040KC	32" High Output	0.17 A	20.4 W			19	

All specifications subject to change without notice. For ConTech's limited product warranty, go to www.contechlighting.com. For a printed copy of the warranty, call 1-847-559-5500.

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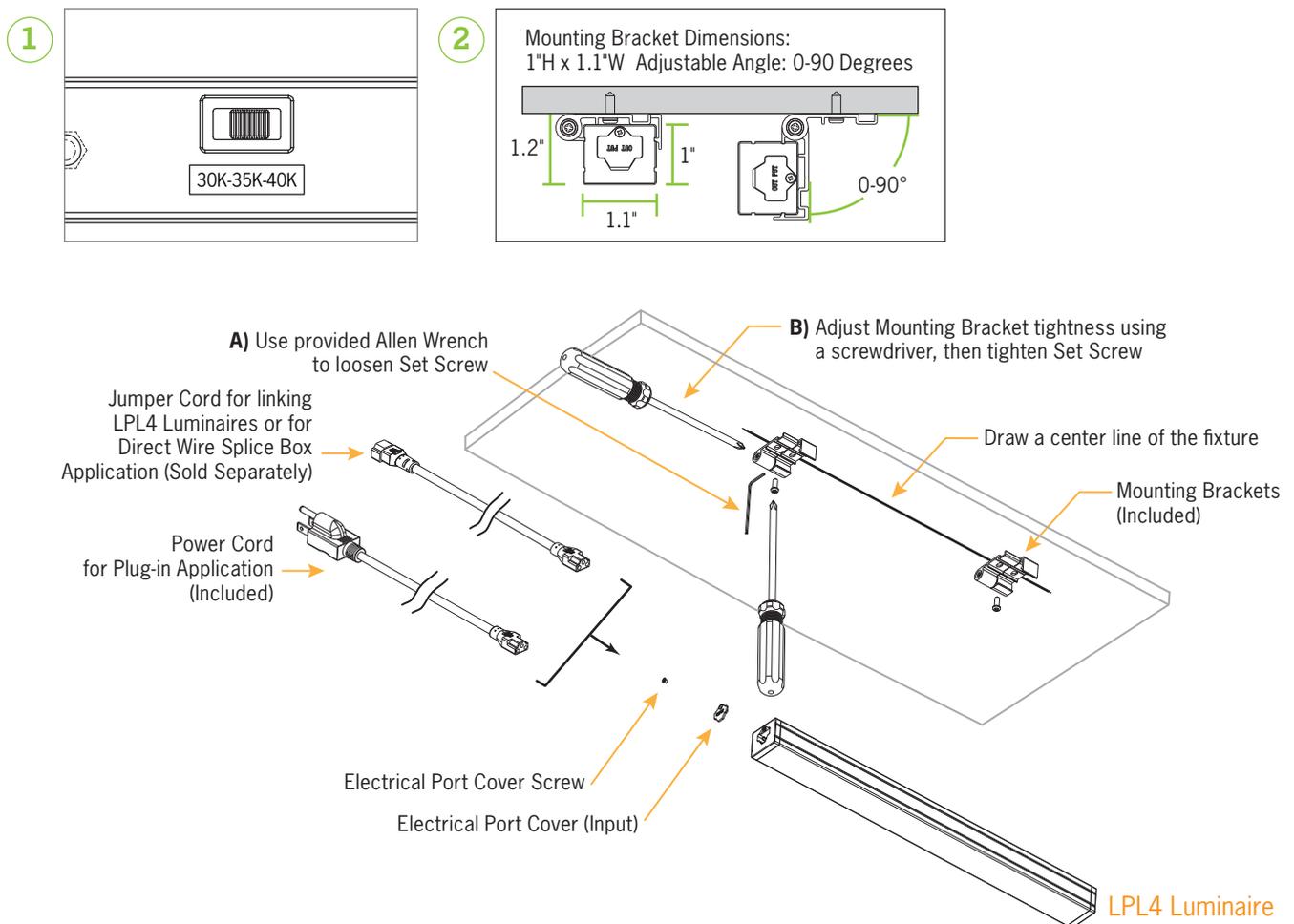
PLUG-IN INSTALLATION

If installation is using Direct Wire Splice Box or Occupancy Sensor Splice Box (sold separately), please skip to Direct Wire Splice Box Installation.

1. Turn off power for appropriate electrical circuit at electrical service panel.
2. Using included mounting brackets, mount fixture as shown in Figure 1.
3. Using included Power Cord for plug-in application, plug small connector side into the INPUT side of the luminaire after removing INPUT cover and then insert three-prong power plug into appropriate grounded wall outlet.
4. Restore circuit power at electrical service panel.

FIXTURE MOUNTING: FIGURE 1

1. Select the desired color temperature (CCT) using the switch on the back of the LPL4 Luminaire
2. Secure supplied mounting brackets to surface.
NOTE: Adjustable mounting brackets only pivot in one direction. Decide which direction is required and mount accordingly.
3. To adjust pivot angle:
 - A) Use provided allen wrench to loosen set screw first
 - B) Then adjust tightness by using a screwdriver, then tighten the set screw



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CONTECH LIGHTING | 725 LANDWEHR ROAD | NORTHBROOK, ILLINOIS 60062 | PHONE 847.559.5500 | www.contechlighting.com

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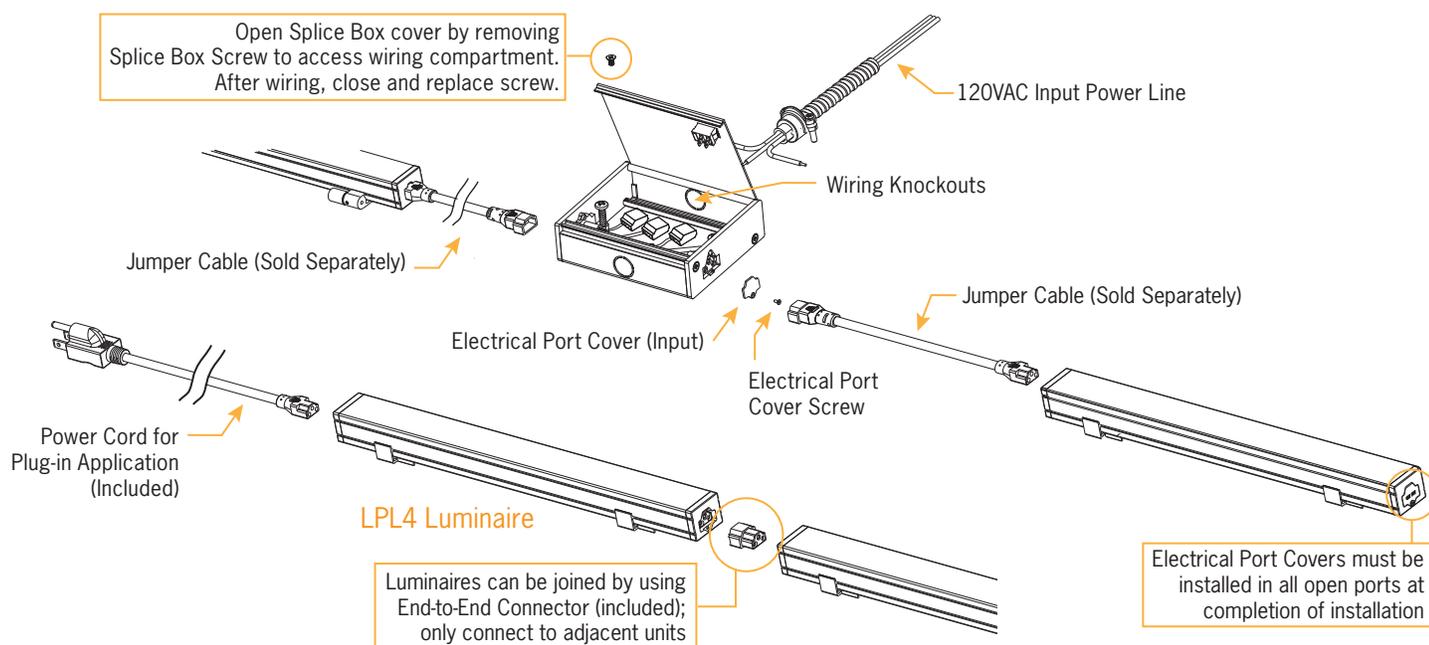
DIRECT WIRE SPLICE BOX INSTALLATION

Direct Wire Splice Box or Occupancy Sensor Splice Box are sold separately for conversion to direct wire installation. These splice boxes are designed to be wired using Non-Metallic Cable (NM) or Armored Cable (BX) supply wire.

1. Turn off power for appropriate electrical circuit at electrical service panel.
2. Remove splice box cover screw and open cover. Save screw.
3. Prepare Flat Non-Metallic Cable (NM) (2C + Ground) or Armored Cable (BX) by stripping conductor ends approximately 3/8".
4. For installation using 3/8" Miniature Die-Cast Electrical Connector (supplied with Splice Box):
 - Determine mounting orientation and remove one side knockout on desired side of splice box for electrical supply.
 - Attach 3/8" Miniature Die-Cast Electrical Connector to splice box as shown.
 - Affix 3/8" Miniature Die-Cast Electrical Connector to electrical supply (BX or NM). NM Cable outer jacket must protrude through 3/8" Miniature Die-Cast Electrical Connector to adequately protect internal conductors.
5. Tighten locknut and clamping screw(s) on electrical connector fitting securely.
6. Push stripped ends of wires into hole in PUSH-IN WIRE CONNECTORS (see Wiring Diagram). Supply wires are typically color-coded: Hot = Black, Neutral = White, Ground = Green or bare copper. Note that black wire goes into connector with black wire and white goes into connector with white wire, green goes into green wire.
7. Push excess electrical supply wire back into wall and locate splice box on mounting surface. Affix splice box to underside of cabinet with captive screws provided. Be careful not to drive screws all the way through the cabinet bottom. Use shorter screws if necessary.
8. Close and secure wiring splice box cover with supplied screw.
9. Follow instructions shown in Figure 1. Mount fixture and insert Jumper Cord (sold separately) into appropriate electrical port of direct wire splice box.
10. Make sure that all fixtures connected to splice box are properly installed and that all open electrical ports on the splice box and fixtures are safely covered with electrical port covers.
11. Restore circuit power at electrical service panel. Turn on master switch on splice box. Master switch can be used to control all fixtures simultaneously.

DIRECT WIRE SPLICE BOX INSTALLATION: FIGURE 2

Splice Box Sold Separately



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