

LPW8 SERIES INSTALLATION INSTRUCTIONS

Important THIS SHEET CONTAINS IMPORTANT SAFETY INSTRUCTIONS.
SAVE THESE INSTRUCTIONS.

Warning This product must be installed in accordance with National Electrical Codes and all other local codes by a person familiar with the construction and operation of the product and the hazards involved.

To prevent electrical shock, turn off the power during installation or maintenance.
To reduce the risk of fire, keep away from combustible materials.

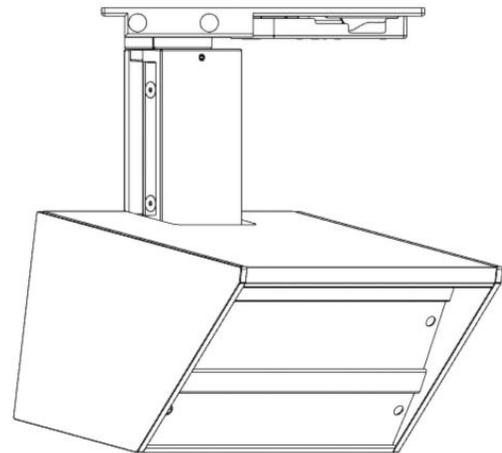
Product Overview The LPW8 Series is an elegant, wallwash fixture powered by COB LED technology. Utilizing an asymmetric TIR optic, the LPW8 produces 2725 lumens (36 watts) of a seamless and even wash of light for the most demanding applications of museum and retail lighting. The LPW8 Series features a discreetly hidden integral driver which is compatible with trailing edge electronic low voltage dimmers (dimnable to 5%). Optional addressing and control is available using LumenTalk™ for ELV or 0-10V systems and dimmable to 1%. COB LED panel is field replaceable.

See the fixture label for voltage and wattage input.

Please consult our *Product Catalog* or web site for available accessories.

We recommend that you first install the reflector and any accessories before installing the fixture.

LPW8 Series Wall-Wash



Purpose of This Sheet

The purpose of this sheet is to provide step-by-step instructions to help you:

- Install accessory Gels
 - Install the fixture with any of the following: -00 fitting on an LSI track, -BUS fitting on an LSI Busway, 5A canopy, -2G universal flange fitting, or -3G C-Clamp fitting
 - Aim the self-locking fixture
 - Service the 50,000 hour LED driver and LED board
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Dimming

- The LPW8 is fully dimmable using compatible trailing-edge, low-voltage electronic dimmers.
 - Please review dimming application guide for detailed information and a list of compatible dimmers
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Accessory Gel Overview

The LPW8 series fixture features slots which will hold several specially shaped Gel accessories for color or beam spread.

Installing And Removing Accessory Gels

STEP	ACTION
1	Remove accessory Gel by inserting finger into the hole at the top and pulling on the Gel. (Fig. 1).
2	Insert the new Gel by aligning the bottom edge in the groove and flexing the gel (Fig. 2).
3	Insert the top of the Gel into the top groove to hold it in place.

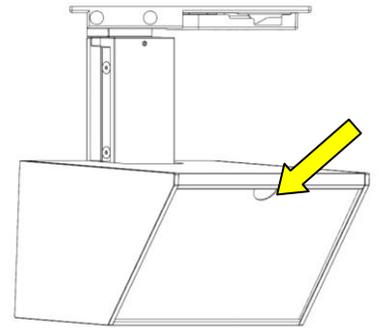


Figure 1. Remove accessory Gel by inserting your thumb into the cutout and pulling.

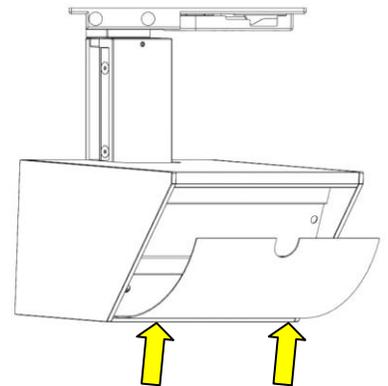


Figure 2. Insert accessory Gel by inserting bottom edge, bending Gel, and guiding it into the top groove.

Installing the Fixture with the -00 Fitting on an LSI Track or a -BUS fitting on an LSI Busway

FOR USE WITH LSI 3, 4, 5, 6, 8, AND 9 SERIES TRACK AND LSI 20 SERIES BUSWAY SYSTEMS ONLY.

INSTALLATION INSTRUCTIONS: The track or busway must already be installed according to code requirements. When installing or using this track or busway system, basic safety precautions should always be followed, including the following:

- Read all instructions.
- Do not install any part of a track or busway system less than 5 feet above the floor (8 feet for 277 volt).
- Do not install any fixture closer than 6 inches from any curtain or similar combustible material.

STEP	ACTION
1	Flip the fitting switch off and open the fitting handle (Fig. 3).
2	Are you using a one-circuit or two-circuit system? <ul style="list-style-type: none"> ▪ <i>If one-circuit</i>, make sure the brass contacts that protrude from the side of the fitting face the copper busbars inside the track or busway. ▪ <i>If two-circuit</i>, inserting the fitting in one direction connects to circuit one. Removing and reversing the direction of the fitting connects to circuit two.
3	Insert the fitting straight up into the track or busway until fully seated (Fig. 4).
4	Close the handle and flip the fitting switch on (Fig. 5). WARNING: Do not look directly at lit LED.
5	To remove the fitting, hold the fixture in place, flip the fitting switch off, open the handle, and pull the fitting straight off the track or busway.

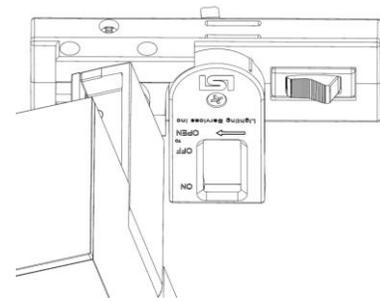


Figure 3. Fitting with switch OFF and handle OPEN.

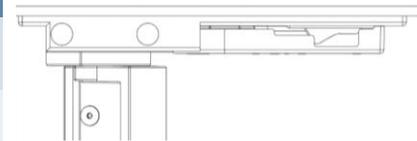


Figure 4. Inserted fitting

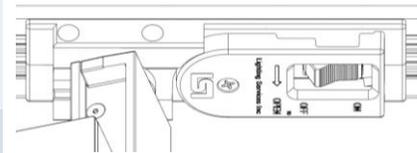


Figure 5. Switch ON, fitting handle closed

Installing the Fixture with a 5A Canopy

Before Installing: Consult the code requirements for fixture mounting. Mount the fixture to a ceiling constructed of non-combustible material, away from any flammable materials.

STEP	ACTION
1	Turn off all power to the fixture mount.
2	Unscrew the 2 supplied canopy mounting screws, and remove the crossbar from the canopy (Fig. 6).
3	Attach the canopy crossbar (Fig. 7) to a ceiling junction box with 2 screws (supplied by others).
4	Fasten the power wires (Fig. 7) from the junction box to the fixture wires. <i>Note:</i> Connect green to ground, black to the circuit line, and white to neutral.
5	Attach the canopy to the ceiling with the 2 supplied canopy mounting screws.



Figure 6. Fixture mounted on the 5A Canopy

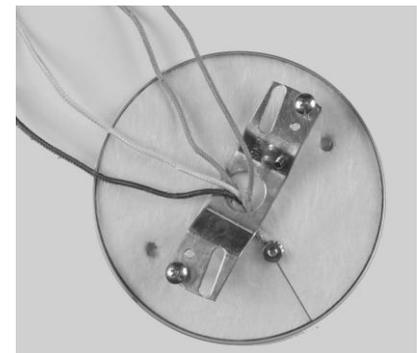


Figure 7. Ground and power wires with canopy crossbar

**Installing
the Fixture
with a -2G
Universal
Flange
Fitting or a
-3G
C-Clamp
Fitting**

Before Installing: Consult the code requirements for fixture mounting, and check the distance-from-wall label inside the fixture. Mount away from any flammable materials.

**For the -2G fitting, follow steps 1, 2, 4, and 5.
For the -3G fitting, follow steps 1, 3, 4, and 5.**

STEP	ACTION
1	Turn off all power to the fixture.
2	Attach the -2G fitting (Fig. 8) to any non-combustible material, using the 2-hole flanged mounting plate with 2 screws (supplied by others) or bolt-up applications, such as Unistrut or Kindorf systems.
3	Attach the -3G fitting (Fig. 9) to a non-combustible pipe measuring 5/8" to 2" in outside diameter, and then secure the fitting by turning the C-clamp bolt clockwise.
4	Plug the fixture into a power source. IMPORTANT SAFETY INSTRUCTIONS Never use with an extension cord unless the plug can be fully inserted. Do not alter the plug.
5	Turn on the main power, and then flip the fitting switch on. Note: The switch is located on the base of fitting.

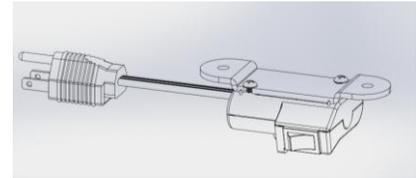


Figure 8. -2G universal flange fitting

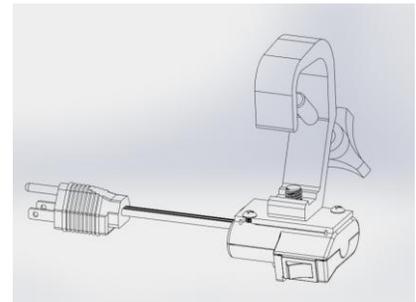


Figure 9. -3G C-clamp fitting

Aiming the Self-Locking and Wrench-Locking Fixtures

NOTE: Allen key storage is only on Track and Busway Fittings.

STEP	ACTION
1	Turn off all power to the fixture, including the fixture switch on the fitting, and let the LED cool. WARNING: LED and fixture may be hot.
2	Do you want to aim the fixture horizontally or vertically? <ul style="list-style-type: none"> ▪ For horizontal aiming, hold the Fixture and turn it left or right until you achieve your desired orientation (Fig. 10). ▪ For vertical aiming, hold the Fixture and angle it up and down until you achieve your desired orientation (Fig. 11). <p>Note: For track and busway fixtures, the Allen key is stored in the fitting handle (Fig. 12).</p>
3	Restore power. WARNING: Do not look directly at the lit LEDs.

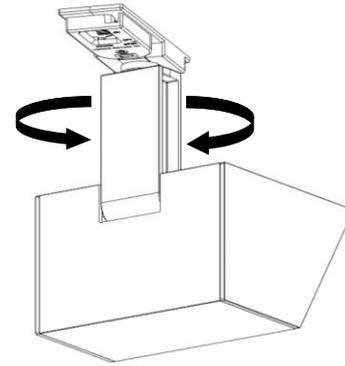


Figure 10. Turn Fixture left or right to set the horizontal focus.

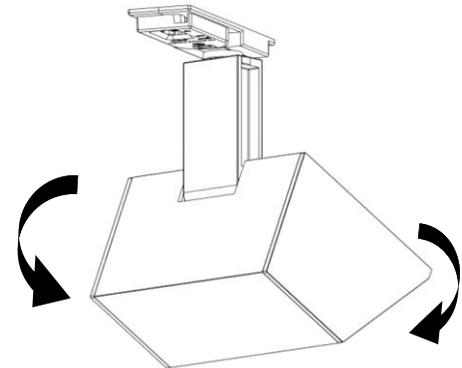


Figure 11. Angle Fixture up or down to set the vertical focus.

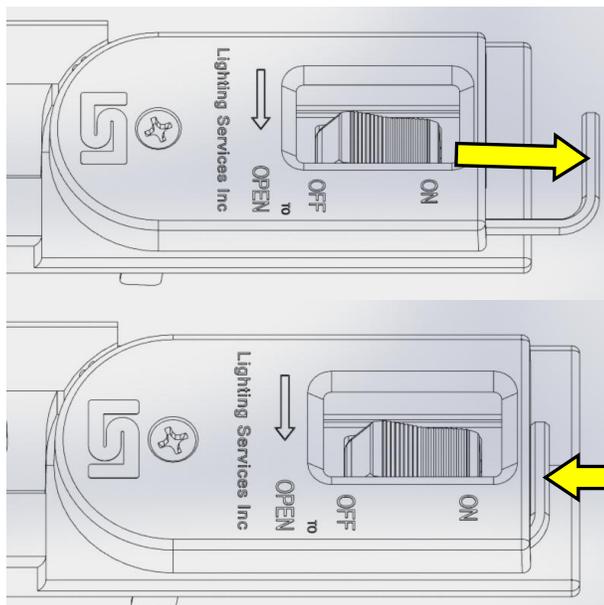


Figure 12. Allen key storage in fitting. Push in to secure the key.

Replacing the LED Module

If you need to change the LED Module or driver, follow the steps below.

STEP	ACTION
1	Remove all power to the fixture, including the fixture switch on the fitting, and let the LED Module cool. WARNING: LED Module and fixture may be hot.
2	Remove the main accessory gel if present by inserting your thumb in the hole and pulling. (Fig 1.)
3	Remove the two set screws holding the side plate in place on the left side of the fixture. (Fig 13.) Set them aside.
4	Once the set screws are out, remove the side plate. Likewise remove the primary gels and set them aside, noting orientation in the fixture. The gels have a shiny side and a textured side. The shiny side should face the LED board, the textured side out.
5	LED Replacement Remove the 6X screws holding the face plate over the LED board. (Fig 14.) Set the screws and face plate aside and lift the board clear of the fixture. Driver Replacement Remove the driver by pulling out the retaining clip and then the driver itself. Use the quick connectors to replace the driver electrical connections and re-install the driver in the fixture using the retaining clip. (Fig 16.)
6	LED Replacement only: Cut the wires feeding the board as close to the LED board as possible. Important: Note the polarity of the wires for the next step. Remove the old board by sliding it out the open side of the fixture. (Fig 15.)
7	Insert the new LED board and reconnect the wires with the same polarity as before.
8	Reinstall the face plate and secure it with the 6X screws from step 5. (Fig 14.) Reinsert the primary gels, noting orientation. Shiny side towards LEDs, textured side out.
9	Reinstall the side plate and secure it using the two set screws from step 3. (Fig 13.)
10	Re-insert the main accessory gel if there is one by aligning the bottom edge first and flexing the gel into place. (Fig 2.)
11	Restore all power to the fixture. WARNING: Do not look directly at the lit LED.

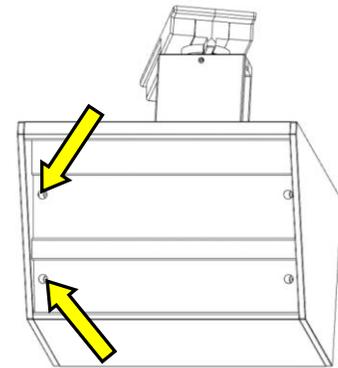


Figure 13. Use the Allen wrench to rotate the takedown nuts down to remove side plate.

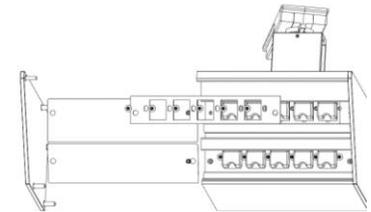


Figure 14. Remove the primary gels, then remove the 6x screws and face plate to access LED.

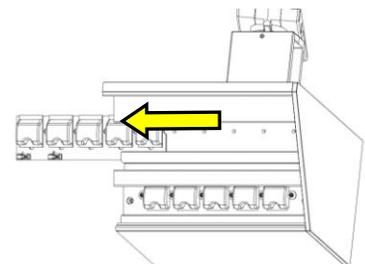


Figure 15. Slide the LED board out the open side of the fixture.

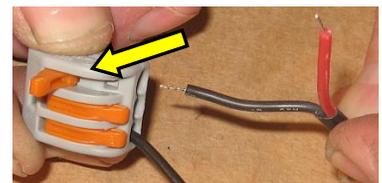


Figure 16. A Quick Connector with tab lifted. Please refer to the label on the driver for wire orientation.