

# Wall + Channel extrusion - Installation Instructions

Models WPC-XX



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**Please read all instructions prior to installation and keep for future reference!**

1. Product to be installed by a qualified electrician.
2. Prior to installation ensure power is off at fuse box to prevent electrical shock.
3. Fixture should be installed by two people.

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**1**

extrusion with lens

1.1

extrusion

lens

miter saw

**Caution:** Safety equipment is recommended, when modifications are being made to the extrusion & lens.

**1.1** If necessary extrusion & lens can be cut in the field. Snap the extrusion & lens then using the proper blade for aluminum cut to the desired length.

**2**

1/4" from the end of the fixture

11/64" hole

drill line

extrusion

**2.1** Remove the lens from the inside of the extrusion, and from one end of the extrusion. Make a 11/64" hole on the drill line from 1/4" end of the extrusion for wire management.

**3**

extrusion

wire leads

LineLED

cut

3.1

solder pads

LineLED

**3.1** LineLED can be shortened by cutting along the dashed lines in between the solder pads. Make sure the cut is made on the side of the LineLED without the wire leads. LineLED cannot touch the metal endcap which will shorten the circuit.

**4**

lead wire

4.1

4.2

extrusion

LineLED

paper backing

LineLED

**4.1** Prior to installing LineLED to extrusion, clean the extrusion from any debris.

**4.2** Insert the lead wires into the 11/64" hole followed by removing the paper backing from the adhesive tape of the LineLED before installing to the extrusion. Gently push LineLED onto aluminum extrusion.

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5

**Spring Clip Locations**

**5.1** Optional, if using the electrical box: insert & slide the j-box into the side of the extrusion with the lead wires, until it is flush with the end of the extrusion. Then secure using the provided screws.

**5.2** Use diagram above to determine spring clip location and then install properly. Secure using the provided screws.

6

**6.1** Align an endcap to each end of the extrusion, then secure using the provided screws.

7

**7.1** Make a drywall cut out for the extrusion. Cut a rectangle 3.00" wide depending on the length of your extrusion.

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**8**

drywall

j-box

extrusion

8.1

8.2

8.1

screw

**8.1** If using the j-box loosen & remove the 2 screws. Pull the electrical box off the extrusion.

**8.2** Connect +24 VDC red wire from the fixture to the power supply +24 VDC red wire with a wire nut. Connect -24VDC black wire from the fixture to power supply -24VDC black wire with a wire nut.

**8.3** Re-attach the j-box to the extrusion using the 2 screws.

**9**

drywall

9.1

extrusion

spring clip

**9.1** Flip the spring clips back, then fit inside the drywall opening. Followed by pushing the fixture inside the opening till the clips snap into place.

**10**

class II power supply

LineLED of extrusion

line voltage wires

low voltage wires

**10.1** Ensure the correct (wattage & voltage) power supply is used to power LineLED. Then proceed to connect LineLED wires from extrusion to power supply. For more information please refer to power supply and LineLED wiring instructions.