

B45RC - Installation Instructions

Models B45RC-XX



Bbasics
by luminii

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REVO.1
02222024

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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. USE ONLY WITH CLASS 2 POWER UNIT.
3. 24 VOLTS DC.
4. SUITABLE FOR DAMP LOCATIONS.
5. SURFACE MOUNT ONLY
6. SUITABLE FOR INSTALLATION WITHIN THE CLOSET STORAGE SPACE.
7. INHERENTLY PROTECTED

1

extrusion
lens
measure
reference mark

measure & then mark reference points

Note: Complete fixture must be built prior to installing. To make all necessary reference marks & to also ensure all parts are included. Then it can be taken apart for installation.

1.1 Snap lens into the extrusion, then align & center the extrusion to the determined location. Make all necessary markings to install to the surface. Prior to installation of extrusion, 24VDC power must be present.

2

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

lens
extrusion
miter saw
extrusion with lens

2.1 If necessary extrusion, lens, & mounting channel (if applicable) can be cut in the field. Snap all parts together then using the proper blade for aluminum cut to the desired length.

3

wire leads
LineLED
extrusion
solder pads

cut

Note: Extrusion are not waterproof. If it is going to be installed facing up and in a wet location, drainage holes should be drilled along the inner corner of the extrusion every 12". Drill 1/16" to 1/8" diameters holes before installing LED strip

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

endcap
LineLED wire leads through the endcap opening
remove paper backing from the adhesive tape of the LineLED before installing the extrusion

4.1 Prior to installing LineLED to extrusion, clean extrusion from any debris. Gently push LineLED onto aluminum extrusion. Then install endcaps at each ends of the extrusion.

5

protective film
lens
extrusion

5.1 Remove the protective film from the diffuser lens. Snap the diffuser lens into the aluminum extrusion.

6

6.1 Screw mounting brackets into previously made markings from step 1, then clip the extrusion on to the mounting brackets.

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