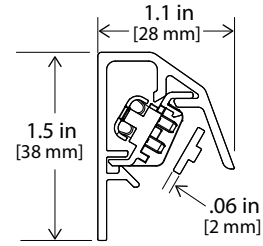


SW3 Sentinel Wall Light

AISLE • STEP • PATHWAY LIGHTING



INSTALLATION INSTRUCTIONS - STRAIGHT RUNS

Electrical Ratings, Required Hardware and Warning	Page 1
Installation Instructions	Pages 2-4



WARNING:

Read and understand these instructions before installing.

This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

Turn off main power supply before you start installing your Guardian AI Step & Aisle System.

ELECTRICAL RATINGS

Low voltage systems, operating at 12VAC, 12VDC or 24VDC power.

Reference label on product for electrical rating.

HARDWARE PROVIDED

1) Phillips Wall Dog screws for use in drywall applications.

NOTE: If mounting on other surfaces use #8 Pan Head or Round Head Phillips screws intended for surface material.

HARDWARE REQUIRED (BY OTHERS)

- 1) Phillips Screwdriver or Power Drill with Phillips bit.
- 2) Laser Level
- 3) Tape Measure
- 4) UL approved wire nuts.

SW3 INSTALLATION INSTRUCTIONS - STRAIGHT RUNS

PREPARATION OF INSTALLATION LOCATION

STEP 1

Determine Height:

Ideal height in Theatre applications is 13" from floor. This height provides minimum 0.2 foot candles on floor 4 feet away from wall, **Figure 1**.

If minimum foot candles on floor is not a concern, product can be mounted lower or higher. It is recommended not to exceed 2 feet height to prevent glare to small children and wheelchair patrons.



Figure 1

STEP 2

Locate Power Feed Location:

SW3 End J-Box (SW3-EJBOX-(L/R)-BK) will mount at either the left side or right side of SW3 to make power connections to SW3. Allow 3" of room on either side of SW3 for J-Box installation, **Figure 2**.

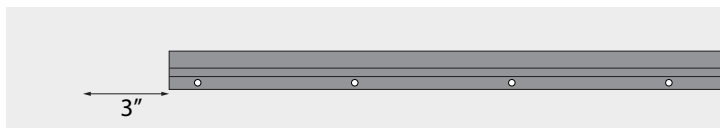


Figure 2

Power Feed Option 1: Thru Wall

Drill hole in wall 1.5" on center with SW3 to run power feed wired through to SW3 per local codes, **Figure 3**.

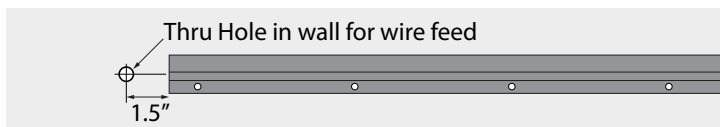


Figure 3

Power Feed Option 2: Side Conduit

J-Box has 1" Conduit knock out on side for feeding power along outside of wall, **Figure 4**.

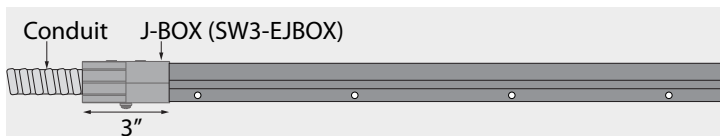


Figure 4

SW3 INSTALLATION INSTRUCTIONS - STRAIGHT RUNS

INSTALLING SW3 LINEAR FIXTURE

STEP 3

Level Fixture:

Use laser level or other method to show where SW3 is level for installation.

STEP 4

Attach SW3 to wall:

Using provided Wall Dog screws for drywall applications gently drive screw into wall through the holes in bottom of SW3, **Figure 5**.

IMPORTANT: Screw head should just be flush with SW3 housing. Do not overdrive screw into material as this can cause SW3 to bend which will affect light distribution.

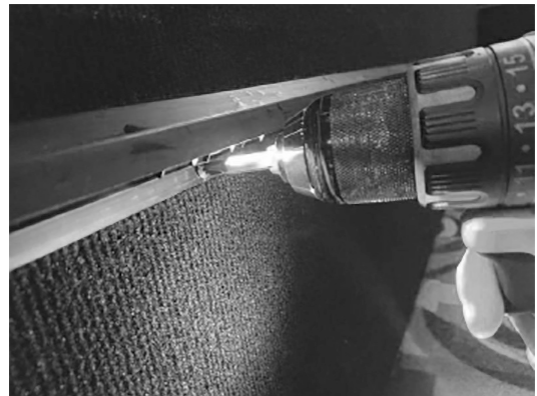


Figure 5

STEP 5

Install J-Box & make wire connections:

Insert tabs on J-Box back plate into SW3 housing then secure back plate to wall with two Phillips Wall Dog screws, **Figure 6**.

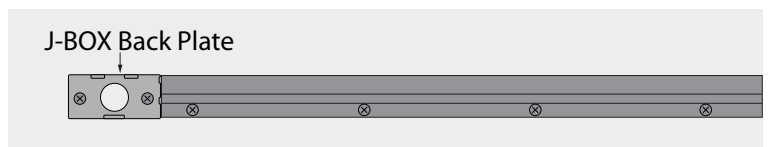


Figure 6

Connect feed wires to SW3 leads using UL approved wire nuts, **Figure 7**. (There is no polarity between the SW3 wires.)

NOTE: Drawing shows power feed wires coming through wall. Feed can also come from side conduit as noted in Step 2.

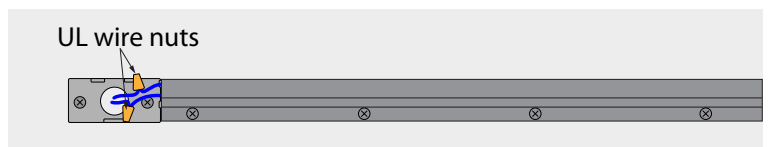


Figure 7

Turn power on to make sure SW3 is working properly then install J-Box cover onto back plate tabs and secure with included set screw on bottom of J-Box cover, **Figure 8**.

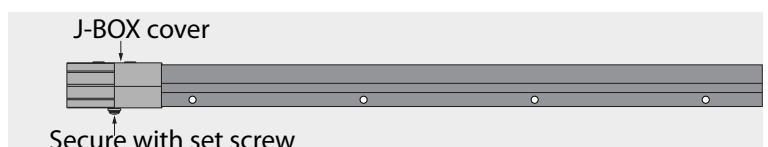


Figure 8

SW3 INSTALLATION INSTRUCTIONS - STRAIGHT RUNS

INSTALLING SW3 LINEAR FIXTURE

STEP 6

Install Joiner (SW3-JOIN-BK):

Note: If not connecting two sections of SW3 together, skip to Step 7 below.

Leave 1/2" space between end of first section and start of second section, **Figure 9**.

Attached second sections to wall as shown in Step 4.

Make wire connections between SW3 sections with UL approved Butt Connectors (by other).

Install Joiner (SW3-JOIN-BK) over the 1/2" space between sections and secure to wall using two Wall Dog screws to hold both sections firmly together, **Figure 10**.

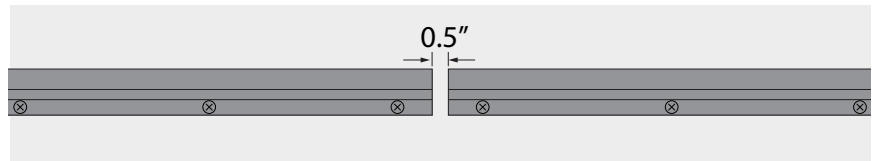


Figure 9

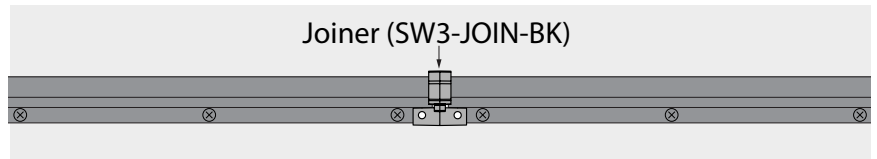


Figure 10

STEP 7

Install End Cap:

To complete end of run, install end cap over the end of SW3 and secure to SW3 housing with provided Phillips screw, **Figure 11**.

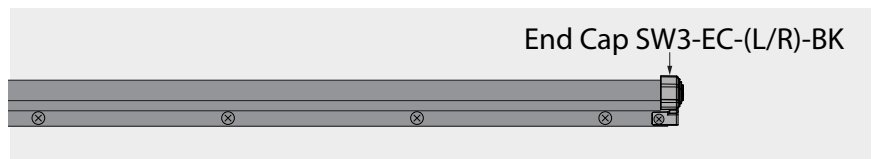


Figure 11