

# Supplemental Rail Light

## INSTALLATION INSTRUCTIONS

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### ELECTRICAL RATINGS

The Supplemental Rail Light is a low voltage system, operating at 12V.

### HARDWARE PROVIDED (BY OTHERS)

- 1) #26 Drill Bit (.147")
- 2) ½" Drill Bit
- 3) Hand Drill
- 4) Phillips Screw Driver
- 5) Flat Head Screw Driver
- 6) ⅝" Hex Key

**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 Supplemental Rail Light.

## Supplemental Rail Light

### INSTALLATION

#### STEP 1

After locating desired mounting height for SRL, mark and drill one side of arm rail using below dimensions as reference. This hole pattern will be used for the side of railing to run wire for fixture power. See **Figure 1 & 2** for pre and post drilling examples.

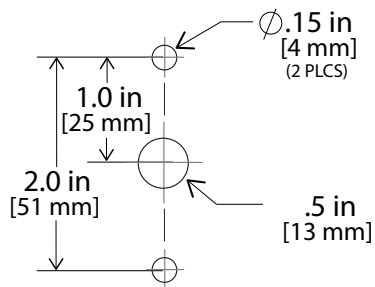


Figure 1



Figure 2

#### STEP 2

Repeat step #1 for opposite post of arm rail ensuring SRL will be parallel to top arm rail after mountin. Center (1/2") hole not required for second arm post drilling.

#### STEP 3

Drop attached conduit feed through center wireway hole from first drilling pattern as shown in **Figure 3**.



Figure 3

## Supplemental Rail Light

### INSTALLATION (continued)

#### STEP 4

Attach SRL fixture to arm rail post using provided 8-32 self-tapping screws as shown in **Figure 4**. Repeat for opposite side of Arm rail post.



Figure 4

#### STEP 5

If adjustability is needed to properly fit SRL in place, using a flathead screwdriver, remove wire cover as shown in **Figure 5** and loosen set screws as shown in **Figure 6**. Fixture can now be adjusted as referenced in **Figures 7 & 8** by sliding fixture on end casting. Once fixture is adjusted, wire covers can be trimmed to fit in the field. Tighten set screws and replace wire covers.



Figure 5



Figure 6

#### STEP 6

Once fixture is mounted connect power to fixture by drilling a hole in the bottom of the Rail post to splice into power from raceway / step nose.



Figure 7



Figure 8