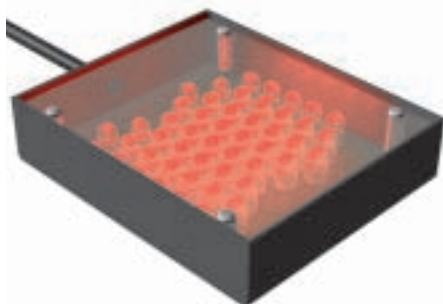




## Model LEDRA80X80

Red Area Light

### Area Light Features



- Lightly diffused, strobed, area light for PresencePLUS™ sensors. See Banner's website at [www.bannerengineering.com](http://www.bannerengineering.com) for a complete lighting tutorial.
- Solid-state visible red LEDs
- Direct connection to PresencePLUS sensors, using 3-pin Pico-style connector (Do not connect to any other power source)
- Two available bracket options

### Area Light Specifications

<b>Light source</b>	Visible red LED, 660 nm
<b>Illumination</b>	Lightly diffused, high-intensity area light. At a 12" distance the light illuminates a 4" diameter area that is within 50% of the center intensity.
<b>Supply voltage and current</b>	Voltage supplied by P1B65Q, P2B65Q or select PresencePLUS sensors only (do not connect to any other power source). <b>Current:</b> 300 mA max.
<b>Connections</b>	2 m (6.5') pigtail with 3-wire, 8 mm female Pico-style connector. Connect to select PresencePLUS sensors only.
<b>Construction</b>	Low-carbon steel with black zinc plating, acrylic window
<b>Useful Life</b>	10,000 hours (LED ON time). When operated within specifications, output will decrease less than 30% after 10,000 hours and less than 40% after 20,000 hours.
<b>Operating conditions</b>	<b>Temperature:</b> 0° to +50°C (+32° to 122°F) <b>Relative humidity:</b> 90% at 50°C (non-condensing) max.
<b>Cleaning instructions</b>	Regularly remove any dust, dirt, or fingerprints from the light source. 1. Blow off dust using anti-static compressed air. 2. If necessary, use a lens cloth and lens cleaner or window cleaner to wipe off remaining debris. Do not use any other chemicals for cleaning.

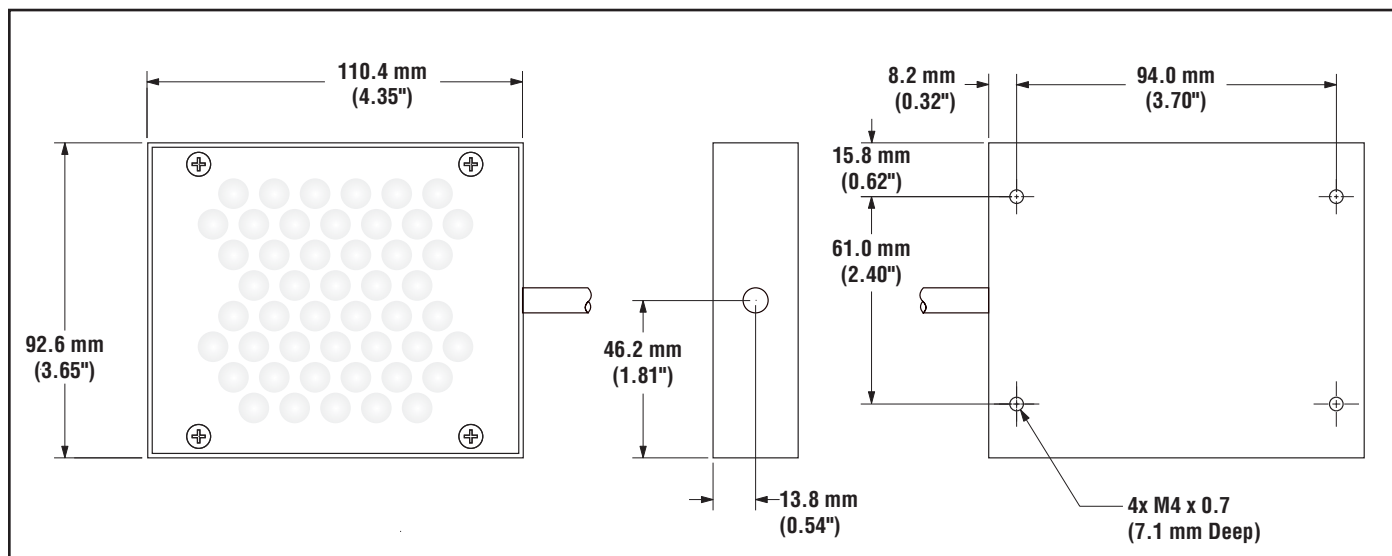
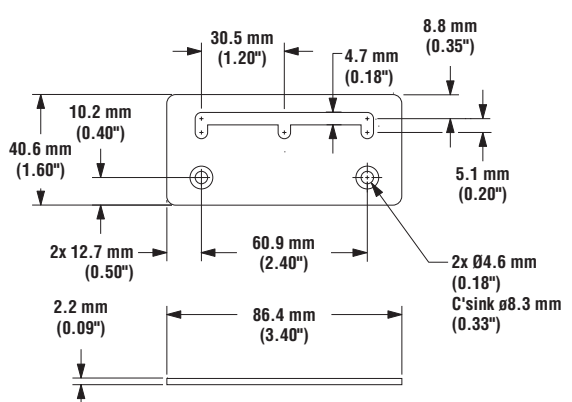
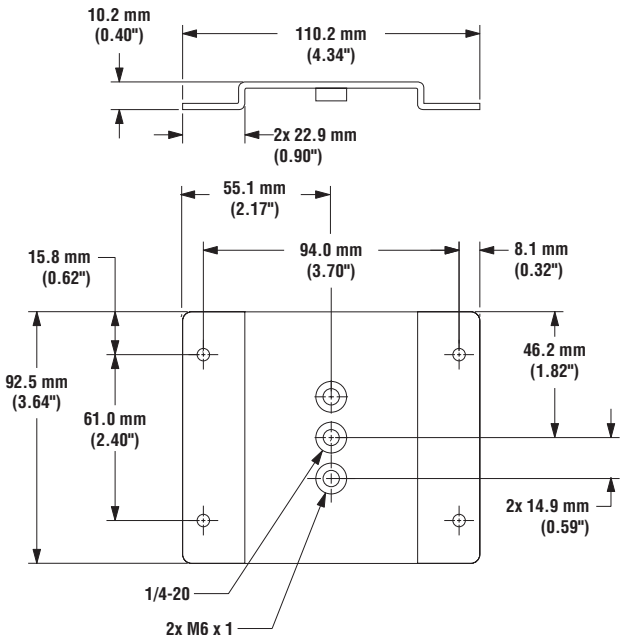


Figure 1. Model LEDRA80X80 area light dimensions

# LEDRA80X80 Area Light

## Mounting Brackets

SMBABM	<ul style="list-style-type: none"> <li>• 13-ga. zinc-plated low-carbon steel</li> <li>• (4) M4 Phillips flathead screws included</li> <li>• For mounting light from front</li> </ul>	SMBACM	<ul style="list-style-type: none"> <li>• 14-ga. zinc-plated low-carbon steel</li> <li>• (4) M4 socket-head cap screws, washers and hex key included</li> <li>• For mounting light from rear</li> </ul>
 <p>Technical drawing of SMBABM mounting bracket showing dimensions:</p> <ul style="list-style-type: none"> <li>10.2 mm (0.40")</li> <li>40.6 mm (1.60")</li> <li>2x 12.7 mm (0.50")</li> <li>2.2 mm (0.09")</li> <li>86.4 mm (3.40")</li> <li>30.5 mm (1.20")</li> <li>4.7 mm (0.18")</li> <li>8.8 mm (0.35")</li> <li>5.1 mm (0.20")</li> <li>60.9 mm (2.40")</li> <li>2x Ø4.6 mm (0.18") C'sink ø8.3 mm (0.33")</li> </ul>	 <p>Technical drawing of SMBACM mounting bracket showing dimensions:</p> <ul style="list-style-type: none"> <li>10.2 mm (0.40")</li> <li>110.2 mm (4.34")</li> <li>2x 22.9 mm (0.90")</li> <li>55.1 mm (2.17")</li> <li>15.8 mm (0.62")</li> <li>94.0 mm (3.70")</li> <li>8.1 mm (0.32")</li> <li>92.5 mm (3.64")</li> <li>61.0 mm (2.40")</li> <li>46.2 mm (1.82")</li> <li>2x 14.9 mm (0.59")</li> <li>1/4-20</li> <li>2x M6 x 1</li> </ul>		

**WARRANTY:** Banner Engineering Corp. warrants its products to be free from defects for one year. Banner Engineering Corp. will repair or replace, free of charge, any product of its manufacture found to be defective at the time it is returned to the factory during the warranty period. This warranty does not cover damage or liability for the improper application of Banner products. This warranty is in lieu of any other warranty either expressed or implied.

