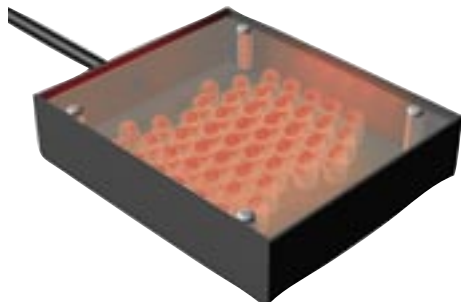




LED..A80X80QPMA Series Area Lights

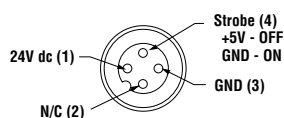
Area Lights for use with PresencePLUS® Sensors – QPMA connector



Features

- Lightly diffused area light for PresencePLUS® sensors. See Banner's website at www.bannerengineering.com for a complete lighting tutorial.
- Continuous or strobed operation
- Solid-state LED light source
- Two available bracket options

Pin-Out



Models

Models	LED Color	Wave Length
LEDIA80X80QPMA	Infrared	850 nm
LEDRA80X80QPMA	Visible Red	660 nm
LEDWA80X80QPMA	White	All Visible
LEDBA80X80QPMA	Blue	470 nm
LEDGA80X80QPMA	Green	525 nm

Specifications

Light Source	LED; see Models table above for wave lengths
Illumination	Lightly diffused, high-intensity area light Infrared model: At a 24" distance, illuminates an 8" diameter area within 60% of the center intensity. Visible LED models: At a 12" distance, illuminates a 4" diameter area within 50% of the center intensity.
Supply Voltage and Current	24V dc @ 250 mA max.
Connections	150 mm (6") attached PVC pigtail with 3-wire M12 x 1 male QPMA connector
Construction	Low-carbon steel with black zinc plating, acrylic window
Useful Life	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.
Operating Conditions	Temperature: 0° to +50°C (+32° to 122°F) Relative humidity: 90% at 50°C (non-condensing) max.
Cleaning Instructions	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.

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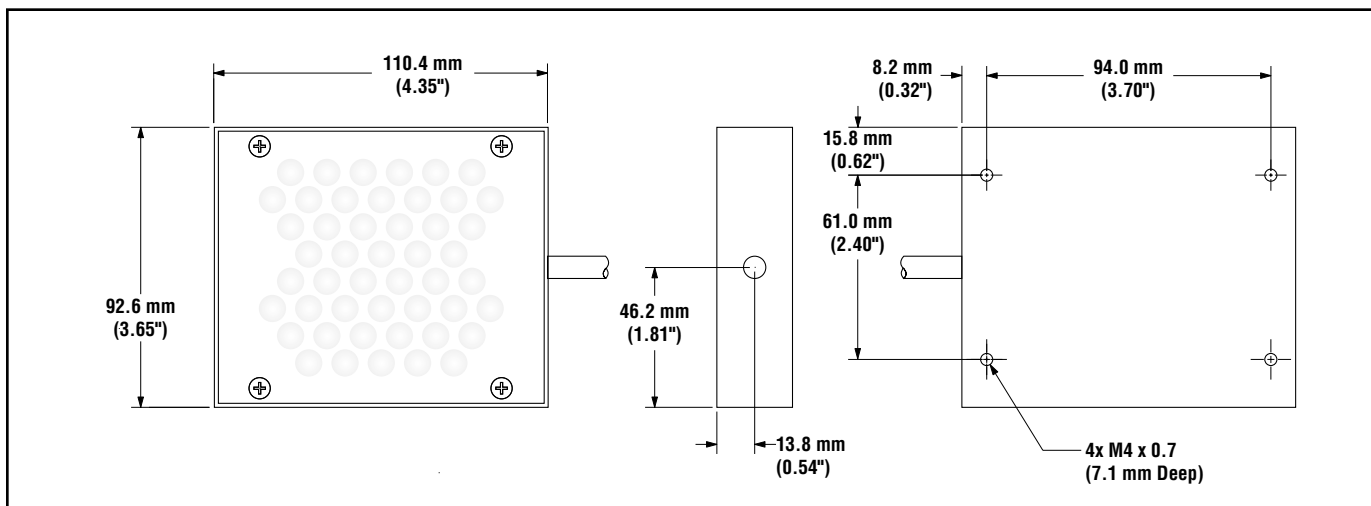


Figure 1. Area light dimensions

Accessory Mounting Brackets

SMBABM	<ul style="list-style-type: none"> • 13-ga. zinc-plated low-carbon steel • (4) M4 Phillips flathead screws included • For mounting light from front 	SMBACM	<ul style="list-style-type: none"> • 14-ga. zinc-plated low-carbon steel • (4) M4 socket-head cap screws, washers and hex key included • For mounting light from rear



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.