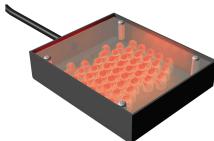


## Features

Area Lights for use with PresencePLUS® P4 Sensors



- Continuous or strobed operation is selectable using sensor software
- Solid-state LED light source
- Direct connection to PresencePLUS® P4 sensor (if sensor is powered by 24 V DC)
- Two available bracket options

**IMPORTANT:** Read the following instructions before operating the light. Please download the complete LED..A80X80M Area Light technical documentation, available in multiple languages, from [www.bannerengineering.com](http://www.bannerengineering.com) for details on the proper use, applications, Warnings, and installation instructions of this device.

**IMPORTANT:** Lea el siguiente instructivo antes de operar el luminario. Por favor descargue desde [www.bannerengineering.com](http://www.bannerengineering.com) toda la documentación técnica de los LED..A80X80M Area Light, disponibles en múltiples idiomas, para detalles del uso adecuado, aplicaciones, advertencias, y las instrucciones de instalación de estos dispositivos.

**IMPORTANT:** Lisez les instructions suivantes avant d'utiliser le luminaire. Veuillez télécharger la documentation technique complète des LED..A80X80M Area Light sur notre site [www.bannerengineering.com](http://www.bannerengineering.com) pour les détails sur leur utilisation correcte, les applications, les notes de sécurité et les instructions de montage.

## Models

Model <sup>(1)</sup>	LED Color	Wave Length
LEDIA80X80M	Infrared	850 nm
LEDRA80X80M	Visible Red	660 nm
LEDWA80X80M	White	All Visible
LEDBA80X80M	Blue	470 nm
LEDGA80X80M	Green	525 nm

## 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.

## Specifications

### Light Source

LED; see Models table for wave lengths

### Illumination

Lightly diffused, high-intensity area light  
Infrared model: At a 24-inch distance, illuminates an 8-inch diameter area within 60% of the center intensity  
Visible LED models: At a 12-inch distance, illuminates a 4-inch diameter area within 50% of the center intensity

### Supply Voltage and Current

24 V DC at 250 mA maximum  
Voltage supplied by PresencePLUS® P4 sensors, if operating at 24 V DC (see sensor manual)  
See the electrical characteristics on the product label.

### Connections

2 m (6.5 ft) PVC-jacketed cable with a 3-pin M8 male quick-disconnect connector

### Construction

Low-carbon steel with black zinc plating, acrylic window

### Useful Life

10,000 hours (LED ON time). When operated within specifications, output decreases less than 30% after 10,000 hours and less than 40% after 20,000 hours

### Operating Conditions

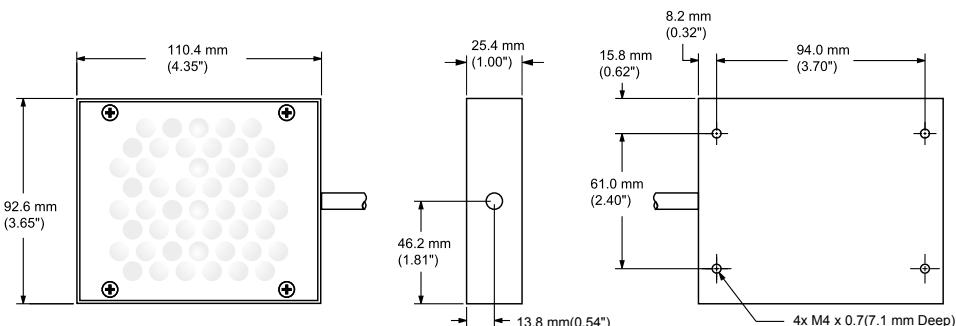
0 °C to +50 °C (+32 °F to +122 °F)  
90% at +50 °C maximum relative humidity (non-condensing)

<sup>(1)</sup> 2 m (6.5 ft) PVC-jacketed cable models with a 3-pin M8 male quick-disconnect connector are listed.

• To order the 9 m (30 ft) PVC cable model, add the suffix "W/30" to the cabled model number. For example, LEDBA80X80W W/30.

## Dimensions

All measurements are listed in millimeters [inches], unless noted otherwise. The measurements provided are subject to change.

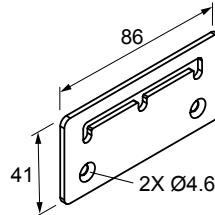


## Accessories

### Brackets

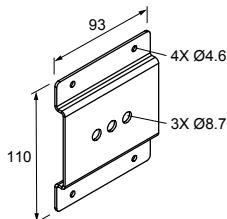
#### SMBABM

- 13-ga. zinc-plated low-carbon steel
- (4) M4 Phillips flathead screws included
- For mounting the light from the front
- Accommodates backlight models LED..B70X70..
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)



#### SMBACM

- 14-ga. zinc-plated low-carbon steel
- (4) M4 socket-head cap screws, washers and hex key included
- For mounting the light from the rear
- Accommodates backlight models LED..B70X70..
- CAD Files: [DXF](#), [PDF](#), [IGS](#), [STP](#)



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For patent information, see [www.bannerengineering.com/patents](http://www.bannerengineering.com/patents).

## Mexican Importer

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