Features

LED Area Lights for Use with PresencePLUS® P4 Sensors



- Continuous or strobed operation, selectable via sensor software
- Solid-state LED matrix
- Direct connection to *Presence*PLUS *P4* sensor
- Two available bracket options

IMPORTANT: Read the following instructions before operating the light. Please download the complete LED..A62X62M Area Light technical documentation, available in multiple languages, from 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 toda la documentación técnica de los LED..A62X62M 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..A62X62M Area Light sur notre site www.bannerengineering.com pour les détails sur leur utilisation correcte, les applications, les notes de sécurité et les instructions de montage.

Models

Model	LED Color	Ambient Light Filter Kit	Polarizing Filter Kit	Connector[1]
LEDIA62X62M	Infrared, 940 nm	FLTI (included with IR lights)	—	2 m (6.5 ft) PVC-jacketed cable with a 3-pin M8 male style quick-disconnect connector
LEDRA62X62M	Visible red, 630 nm	FLTR (included with LEDAPFKS)	LEDAPFKS	
LEDWA62X62M	White, all visible	FLTB or FLTG		
LEDBA62X62M	Blue, 464 nm to 475 nm	FLTB		
LEDGA62X62M	Green, 520 nm to 540 nm	FLTG		

Installing the Area Light

NOTE: Before installing this area light, it is recommended that an ambient light filter be installed behind the lens. The filter improves image quality by reducing unwanted ambient light.

Sensing Shiny Surfaces: To eliminate direct reflections without using polarizing filters, angle the sensor approximately 15° (or more) from perpendicular to a shiny surface.

Polarizing Kit: If it is necessary to mount the camera at a 90° angle to a shiny surface, the polarizing filter kit provides filters for both the LED area light and sensor to reduce the negative effects of strong, direct light reflections. The red filter kit (FLTR) is included with the polarizing kit. When light colors other than red are used, discard the red filter in the polarizing kit and use the proper filter listed in the models table. The polarizing filters reduce the amount of light returned to the sensor.

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.

[1] Models with a quick-disconnect connector require a mating cordset.

Original Instructions
27-Jan-26

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121780
p/n: 121780 Rev. F

ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

Specifications

Supply Voltage and Current

Voltage supplied by *Presence*PLUS *P4* sensors, if operating at 24 V DC (see sensor manual)

Infrared: 24 V DC at 150 mA maximum

All other colors: 24 V DC at 200 mA maximum

See the electrical characteristics on the product label.

Light Source

LED; see Models table for wave lengths

Illumination

High-intensity area light

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 50% (less than 40% for red and IR models) after 20,000 hours.

Operating Conditions

0 °C to +50 °C (+32 °F to +122 °F)

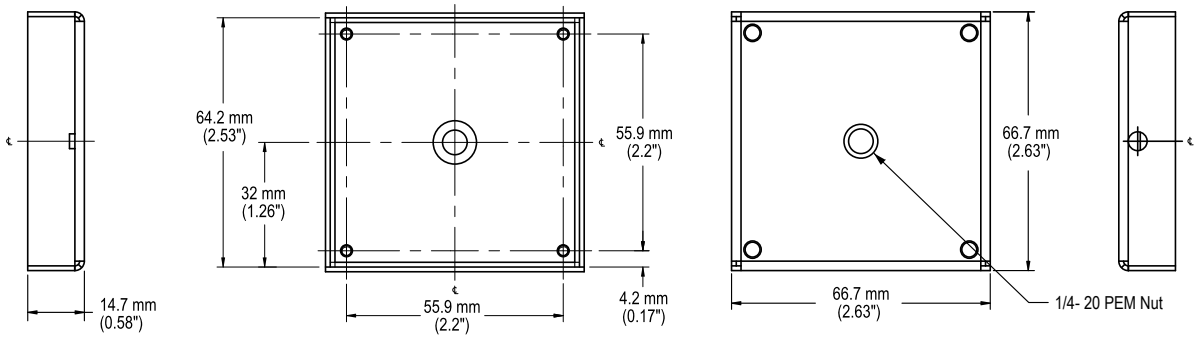
90% at +50 °C maximum relative humidity (non-condensing)

Certifications

Banner Engineering BV
Park Lane, Culliganlaan 2F bus 3
1831 Diegem, BELGIUM

Dimensions

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

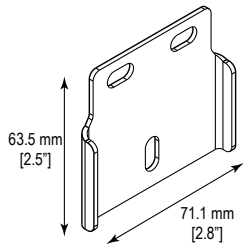


Accessories

Brackets

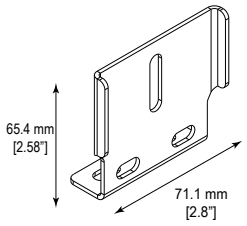
SMBVLA62X62S

- Inline bracket
- 14 gauge steel, black zinc-plated
- CAD Files: DXF, PDF, IGS, STP



SMBVLA62X62RA

- Right-angle bracket
- 14 gauge steel, black zinc-plated
- CAD Files: DXF, PDF, IGS, STP



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For patent information, see www.bannerengineering.com/patents.

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Banner Engineering de Mèxico, S. de R.L. de C.V. | David Alfaro Siqueiros 103 Piso 2 Valle oriente | San Pedro Garza Garcia Nuevo Leòn, C. P. 66269

81 8363.2714

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