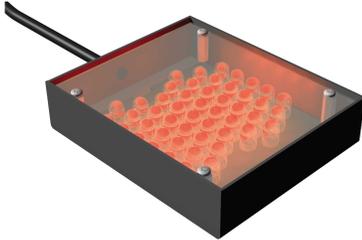


LED..A80X80W Series Area Lights



Datasheet

Area Lights with 3-Wire Cables for Use with PresencePLUS® ProSensors



- Lightly diffused area light for PresencePLUS® ProPresencePLUS® Pro sensors.
- Continuous or strobed operation is selectable via sensor software
- Solid-state LED light source
- Direct connection to PresencePLUS® Pro system or to an external power supply
- Two available bracket options

Models

Model ¹	LED Color	Wave Length
LEDIA80X80W	Infrared	850 nm
LEDRA80X80W	Visible Red	660 nm
LEDWA80X80W	White	All Visible
LEDBA80X80W	Blue	470 nm
LEDGA80X80W	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.

Wiring Table

LED..A80X80W Wire	PresencePLUS Pro Controller Terminal Block	External Power Supply (Strobed)	External Power Supply (Continuous)
Brown	Pin 1, + V (24 V dc \pm 10%)	+ V	+ V
Blue	Pin 2, - V (dc common)	- V	- V
Black	Pin 4 (strobe)	+5 V dc OFF - V ON	- V

¹ 2 m (6.5 ft) PVC cable models with 3-wire, 8 mm male Pico-style connector 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.



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 max.

Voltage supplied by PresencePLUS® Pro sensors, if operating at 24 V dc (see sensor manual)

Connections

3 conductor, 2 m (6.5 ft) integral cable

Construction

Low-carbon steel with black zinc plating, acrylic window

Useful Life

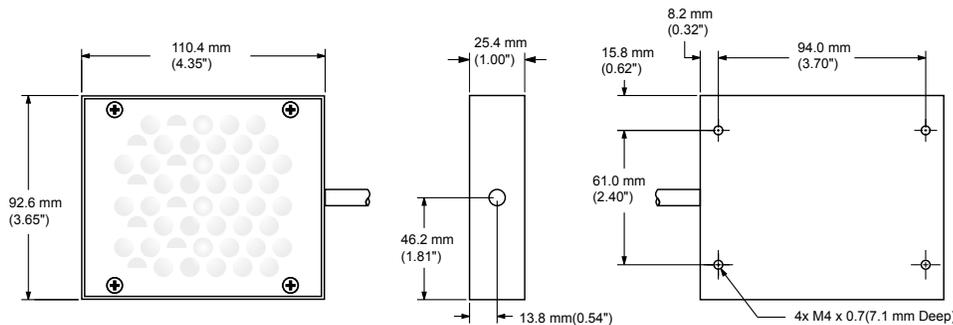
10,000 hours (LED ON time). When operated within specifications, output will decrease less than 30% after 10,000 hours and less than 40% after 20,000 hours

Operating Conditions

0 °C to +50 °C (+32 °F to +122 °F)

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

Dimensions

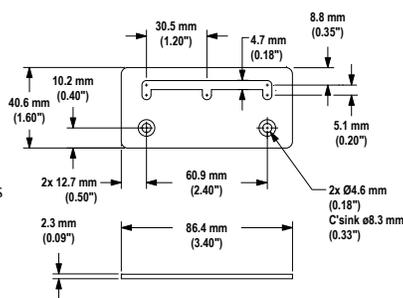


Accessories

Brackets

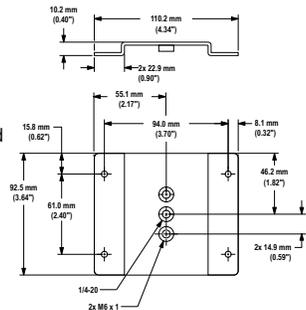
SMBABM

- 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..



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..



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