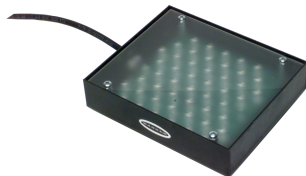


LEDIA80X80 Infrared (IR) Long-Range Area Light



Datasheet

Area lights for use with *PresencePLUS*® sensors



- Lightly diffused area light for *PresencePLUS* sensors.
- Solid-state visible infrared (IR) LEDs
- Direct connection to *PresencePLUS* sensors, using 3-pin Pico-style connector (do not connect to any other power source)
- Two available bracket options

Specifications

Light Source

Infrared (IR) LED, 850 nm

Illumination

Lightly diffused, high-intensity area light
At a 0.61 m (24 in) distance the light illuminates an 0.20 m (8 in) diameter area that is within 60% of the center intensity

Supply voltage and current

Voltage supplied by P1B65Q, P2B65Q or select *PresencePLUS* sensors only (do not connect to any other power source)
Current: 400 mA max.

Connections

2 m (6.5 ft) with 3-wire, 8 mm female Pico-style connector
Connect to select *PresencePLUS* sensors only

Construction

Low-carbon steel with black zinc plating
Window: acrylic

Operating Conditions

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

Useful Life

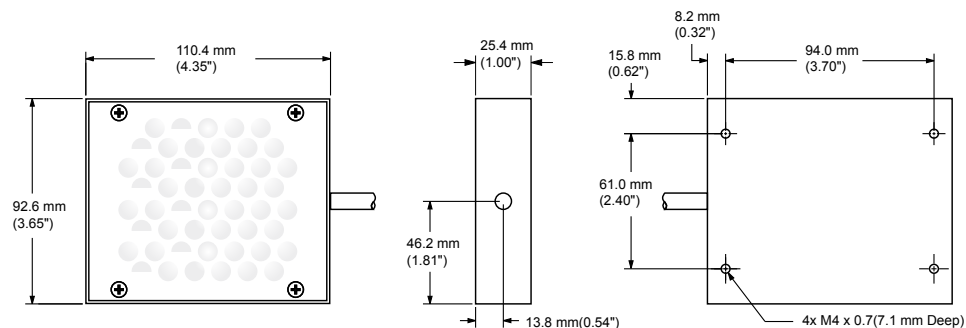
10,000 hours (LED ON time)
When operated within specifications, output will decrease less than 30% after 10,000 hours and less than 40% after 20,000 hours

Certifications



Dimensions

All measurements are listed in millimeters [inches], unless noted otherwise.



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.

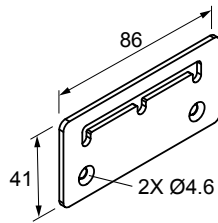


Accessories

Brackets

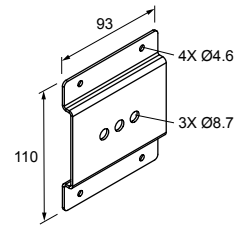
SMBABM

- 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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