LED..I150-3.. Low-Angle LED Ring Lights (150 mm)

Features

Non-Diffused Lighting for Increased Close-Up Contrast



- 150 mm LED ring light for low-angle illumination
- Uses 3 tiers of LEDs mounted at 75° to the optical axis
- Low-angle light enhances the contrast of surface defects, etching, and embossed marks
- Well-suited for dot-peened or pin-stamped data matrix marks
- Solid-state LED light source
- Continuous or strobed operation is selectable via sensor software
- The suggested field of view is 80 mm in diameter, and the suggested standoff is 12.5 mm

IMPORTANT: Read the following instructions before operating the light. Please download the complete LED..I150-3.. Low-Angle LED Ring 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..I150-3.. Low-Angle LED Ring 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..I150-3.. Low-Angle LED Ring 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	Illumination	Color	Cable/Connector	Supply Voltage and Current
LEDRI150-3W	High-intensity, low-angle light	Visible red, 640 nm	2 m (6.5 ft) 3-conductor cable with flying leads (see wiring)	24 V DC ±10% at 500 mA maximum
LEDII150-3W		Infrared, 880 nm		24 V DC ±10% at 350 mA maximum
LEDRI150-3M		Visible red, 640 nm	2 m (6.5 ft) cable with a 3-pin M8 male quick-disconnect connector (direct connection to *Presence*PLUS P4)	24 V DC ±10% at 500 mA maximum Voltage supplied by *Presence*PLUS sensor, if operating at 24 V DC (see sensor manual).

For a list of discontinued models, see Discontinued Models.

Wiring

LED..I150-3.. Wire	*Presence*PLUS *Pro* Controller Terminal Block	External Power Supply (Strobed)	External Power Supply (Continuous)
Brown	Pin 1, + V (24 V DC ±10%)	+ V	+ V
Blue	Pin 2, - V (DC common)	- V	- V
Black	Pin 4 (strobe)	+5 V DC OFF - V ON	- V

Specifications

See the electrical characteristics on the product label.

Construction

Black anodized aluminum housing with ¼ - 20 threaded mounting holes

Useful Life

When operated within specification, output will decrease less than 20% after 20,000 hours and less than 30% after 30,000 hours.

NOTE: Actual useful life of strobed lights depends on duty cycle.

Environmental Rating

IP0; NEMA 0

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

Original Instructions
15-Jun-26

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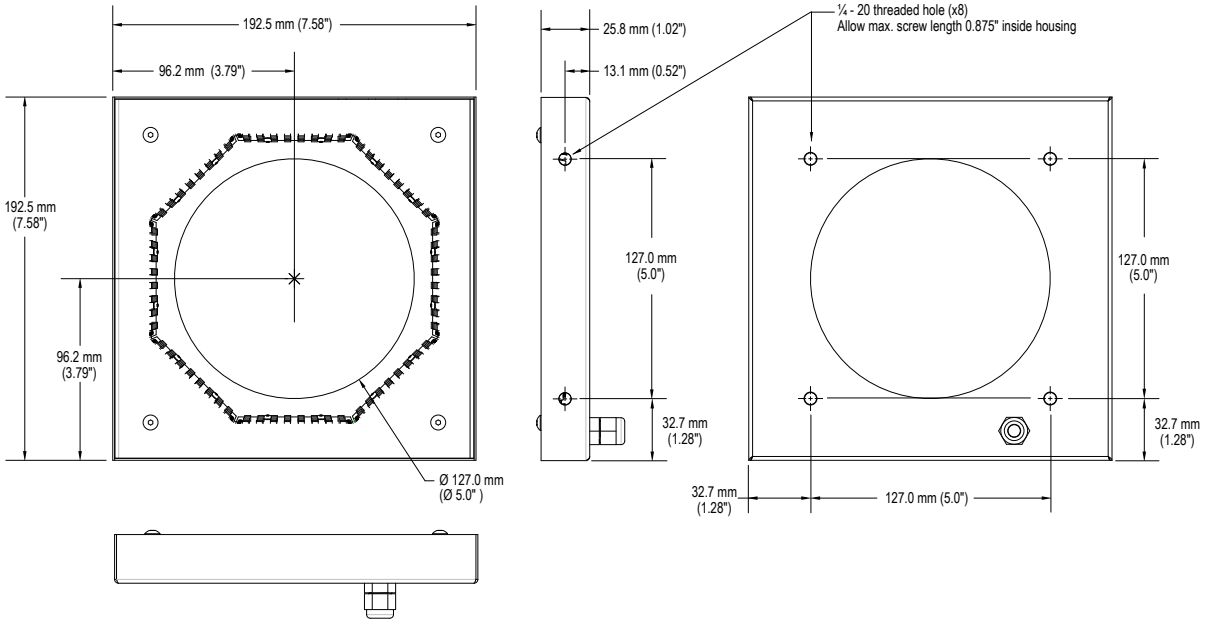
127582
p/n: 127582 Rev. D

ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

Dimensions

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



Product Support and Maintenance

Discontinued Models

The following models are no longer available for order but are still covered by the information in this document.

Model	Illumination	Color	Cable/Connector	Supply Voltage and Current
LEDRI150-3W W/30	High-intensity, low-angle light	Visible red, 640 nm	9 m (30 ft) 3-conductor cable with flying leads (see wiring)	24 V DC ±10% at 500 mA maximum
LEDII150-3M		Infrared, 880 nm	2 m (6.5 ft) cable with a 3-pin M8 male quick-disconnect connector (direct connection to *Presence*PLUS P4)	24 V DC ±10% at 350 mA maximum Voltage supplied by *Presence*PLUS sensor, if operating at 24 V DC (see sensor manual).

Cleaning Instructions

Regularly remove any dust and dirt from the light source. Blow off dust using anti-static compressed air.

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

Mexican Importer

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