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100 x 100mm, Red 625nm, MicroBrite High Intensity Edge-Lit Backlights

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General

BT100100-625IC	Model Number:
50,000	LED Lifetime (hours):
LED Illuminator	Type of Illumination:
Note: Optional Manual Intensity Adjustment #86-887 and #89-555 are Available	
Manufacturer:	

Advanced Illumination

Backlight

Geometry:

Illumination Mode:

Constant

Physical & Mechanical Properties

Dimensions (mm):

120.02 x 104.60 x 11.25

Weight (g):

195.04

Active Area (inches):

3.36 x 3.31

Optical Properties

Color:

Red

Wavelength (nm):

625

Hardware & Interface Connectivity

Connector:

Flying Leads

Input Voltage (V):

24V

Environmental & Durability Factors

Operating Temperature (°C):

0 - 60

Environmental Rating:

IP50

Regulatory Compliance

RoHS 2015:

[Exempt](#)

Certificate of Conformance:

[View](#)

Reach 233:

[Contains SVHC\(s\)](#)

Country of Origin:

United States

Imported By:

Edmund Optics India Private Limited

Product Details

- High Intensity Machine Vision Illuminator
- Edge-to-Edge Uniform, Low Heat Illumination
- Thin, Compact Form Factor
- Optional Manual Intensity Adjustments ([#86-887](#) and [#89-555](#)) Recommended

Advanced Illumination MicroBrite High Intensity Edge-Lit Backlights offer high performance machine vision backlighting in thin, compact housings and outperform higher cost comparable surface mount lights. These bright backlights produce low heat, uniform lighting. To simplify system integration, these thin backlights include a panel mount and are available in the most common machine vision wavelengths. Advanced Illumination MicroBrite High Intensity Edge-Lit Backlights feature ultra-thin profiles and are ideal for applications including edge-detection, part location, hole detection and object gauging.

Note: Requires 24V power supply [#66-855](#). Manual Intensity Adjustment [#86-887](#) and [#89-555](#) are recommended and sold separately.