

# 4" x 4" 940nm Edge-Lit Backlight

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**General**

BX2-100100940IC	<b>Model Number:</b>
50,000	<b>LED Lifetime (hours):</b>
LED Illuminator	<b>Type of Illumination:</b>
Advanced Illumination	<b>Manufacturer:</b>
Backlight	<b>Geometry:</b>

Constant **Illumination Mode:**

## Physical & Mechanical Properties

157.5 L x 157.5 W x 19.1 T **Dimensions (mm):**

4 x 4 **Active Area (inches):**

## Optical Properties

NIR **Color:**

940 **Wavelength (nm):**

## Hardware & Interface Connectivity

**Power Supply:**  
Power Supply Required and Sold Separately.  
USA: [#66-855](#)  
Europe: [#66-855](#)  
Japan: [#89-513](#)  
Korea: [#33-773](#)  
China: [#66-855](#)

## Environmental & Durability Factors

0 - 35 **Operating Temperature (°C):**

## Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Contains SVHC\(s\)](#) **Reach 247:**

## Product Details

- 30% Brighter than Comparable Surface Mount Light
- Uniform, Low Heat Illumination

Advanced Illumination Side-Fired LED Backlights are high performance alternatives to surface mount lights. Advanced Illumination Side-Fired LED Backlights provide uniform, low heat illumination that is 30% brighter than surface mount lights of equal size. To simplify system integration, these backlights include mounting brackets and mounting channels for M6 nuts.

**Note:** Required 24V power supply [#66-855](#). [Accessories for Advanced Illumination products](#) are available and sold separately. Units cannot be intensity controlled.