

8" x 8" 850nm Collimated Backlight

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Advanced Illumination Side-Fired Collimated LED Backlight

Stock **#73-888** NEW **1 In Stock**

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1

+

€1.635⁰⁰

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Qty 1+	€1.635,00 each
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SPECIFICATIONS

General

Model Number:

BX2-200200850I4C

LED Lifetime (hours):

50,000

LED Illuminator	Type of Illumination:
Optional Manual Intensity Adjustment #86-887 and #89-555 are Available	
Note:	
Advanced Illumination	Manufacturer:
Collimated Backlight	Geometry:
Illumination Mode:	
Constant	
Physical & Mechanical Properties	
259.1 L x 259.1 W x 19.1 T	Dimensions (mm):
8 x 8	Active Area (inches):
Optical Properties	
NIR	Color:
850.00	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

- Collimated Light Source for Precision Silhouetting Applications
- High Intensity and Low Heat Output
- Low Divergence Angles Compared to Non-Collimated Backlights

Advanced Illumination Edge-lit Collimated LED Backlights provide highly uniform, collimated illumination with low heat output. The low divergence angle of the light rays make them ideal for use with [telecentric imaging lenses](#). While the light rays exiting standard backlights have wide and diffuse angles, the light rays exiting these backlights are collimated at lower divergence angles for improved edge contrast in silhouetting applications such as web inspection and defect detection. While [Telecentric Illuminators](#) with highly collimated light rays are ideal high precision measurement and gauging applications, they can be large and cost restrictive. Collimated Backlights can be a great option for space-limited measurement applications.