100 x 100mm, Green 530nm, MicroBrite High Intensity Edge-Lit Backlights

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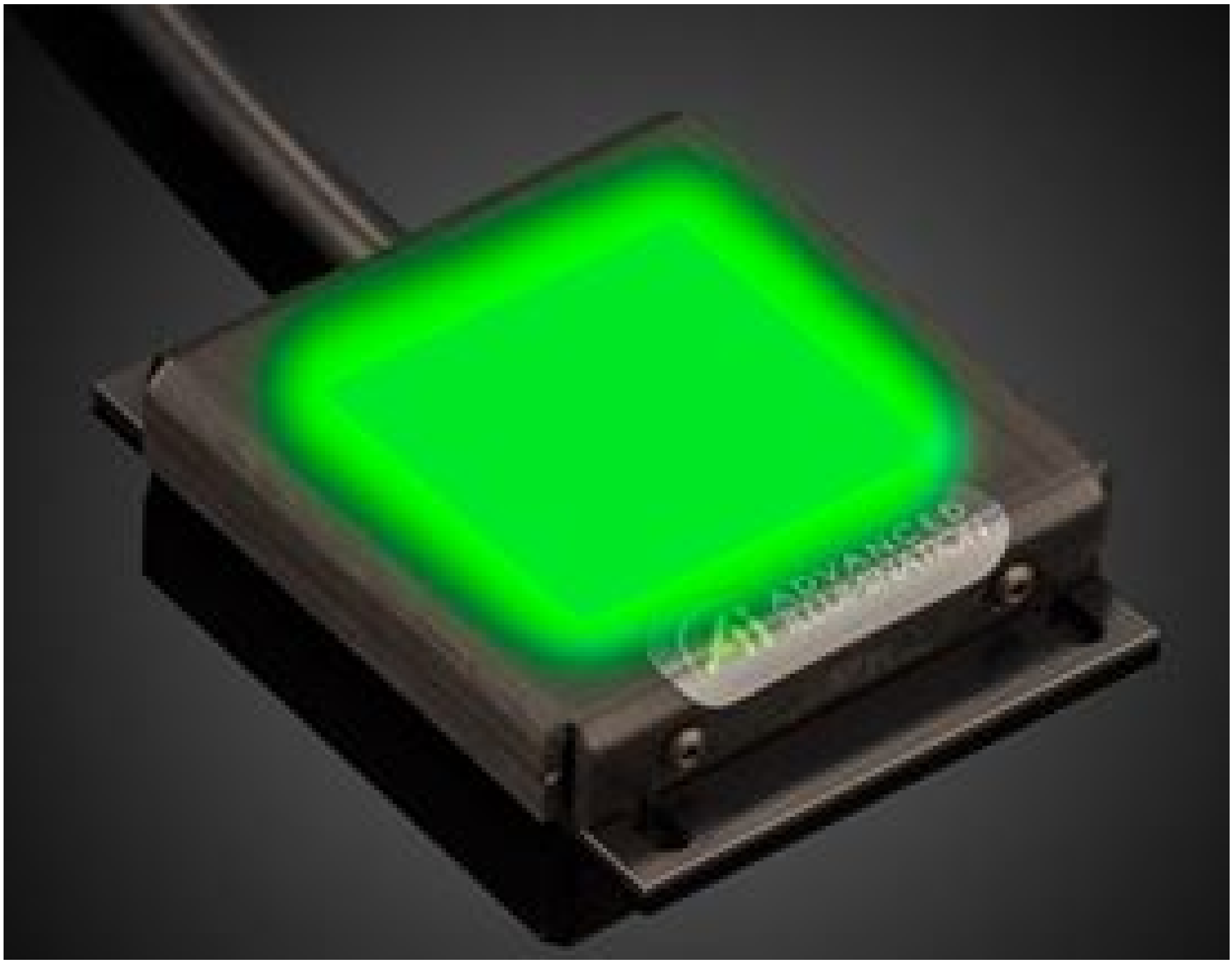

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SPECIFICATIONS

General

Model Number:	BT100100-530IC
LED Lifetime (hours):	50,000
Type of Illumination:	LED Illuminator

Note:
Optional Manual Intensity Adjustment #86-887 and #89-555 are Available

Manufacturer:
Advanced Illumination

Geometry:
Backlight

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:
Green

Wavelength (nm):
530.00

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)

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 idea 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.