50 x 50mm, Blue 455nm, MicroBrite High Intensity Edge-Lit Backlights
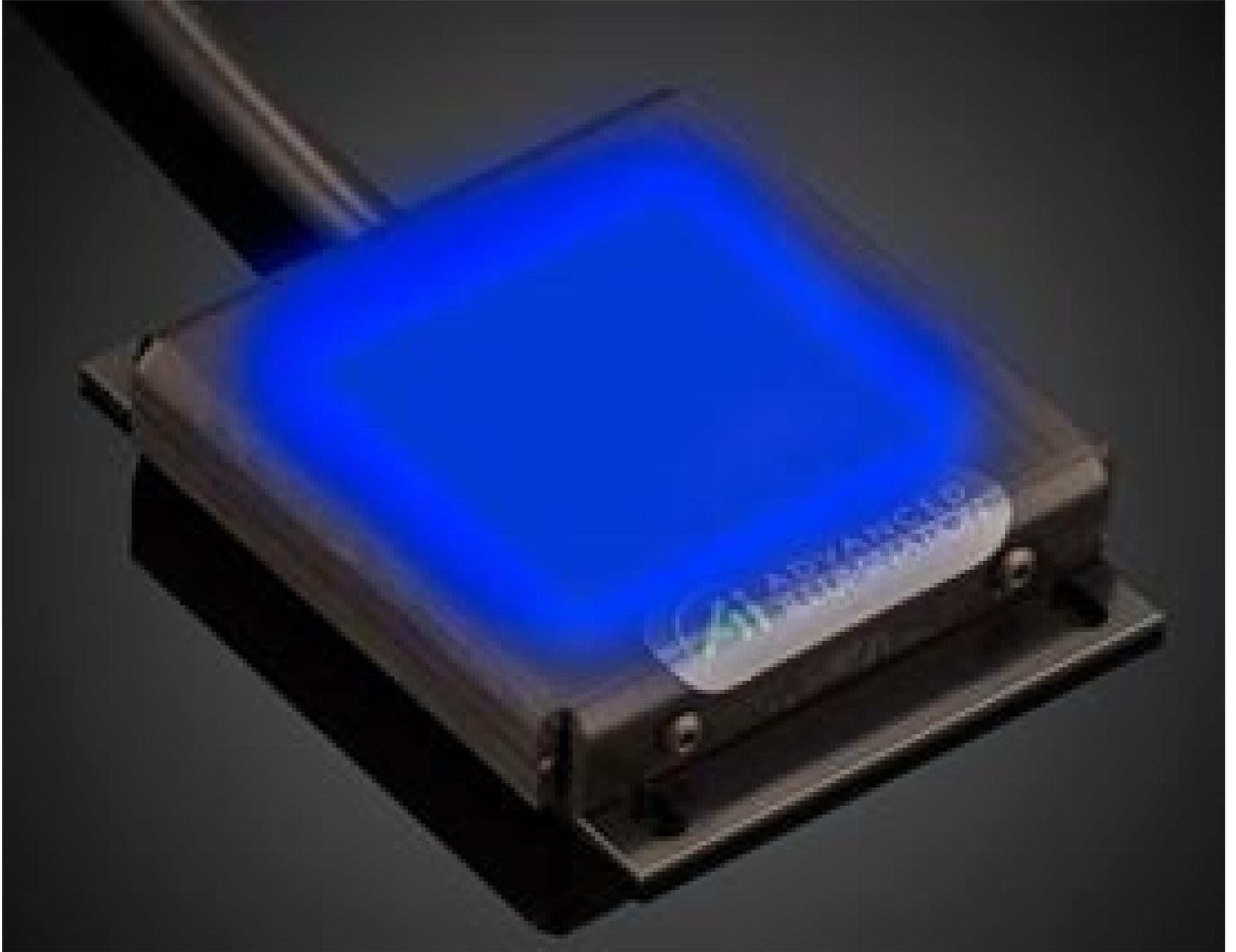
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⬤ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Model Number:	
BT050050-455IC	
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):
70.3 x 54.71 x 11.33	
	Weight (g):
54.43	
	Active Area (inches):
1.40 x 1.35	

Optical Properties

	Color:
Blue	
	Wavelength (nm):
455	

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.

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