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10", Blue 455nm, Medium Intensity Linear Backlights

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Advanced Illumination Medium Intensity Linear Backlights

Stock **#18-640** CLEARANCE **1 In Stock**

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1

+

₹88,650

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Volume Pricing	
Qty 1+	₹88,650 each
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Product Downloads

General	
BL31310-455	Model Number:
50000	LED Lifetime (hours):
LED Illuminator	Type of Illumination:
Optional Manual Intensity Adjustment #86-887 and #89-555 are Available	
Note:	

Advanced Illumination	Manufacturer:
Backlight	Geometry:

Constant	Illumination Mode:
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Physical & Mechanical Properties

267.2 x 32.2 x 21.7	Dimensions (mm):
286	Weight (g):

255.2 x 25	Active Area (mm):
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Optical Properties

Blue	Color:
455	Wavelength (nm):

Electrical

0.8A	Minimum Input Current:
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Hardware & Interface Connectivity

Flying Leads	Connector:
24V	Input Voltage (V):

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 - 50	Operating Temperature (°C):
IP50	Environmental Rating:

Regulatory Compliance

Exempt	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	Reach 233:
United States	Country of Origin:
Edmund Optics India Private Limited	Imported By:

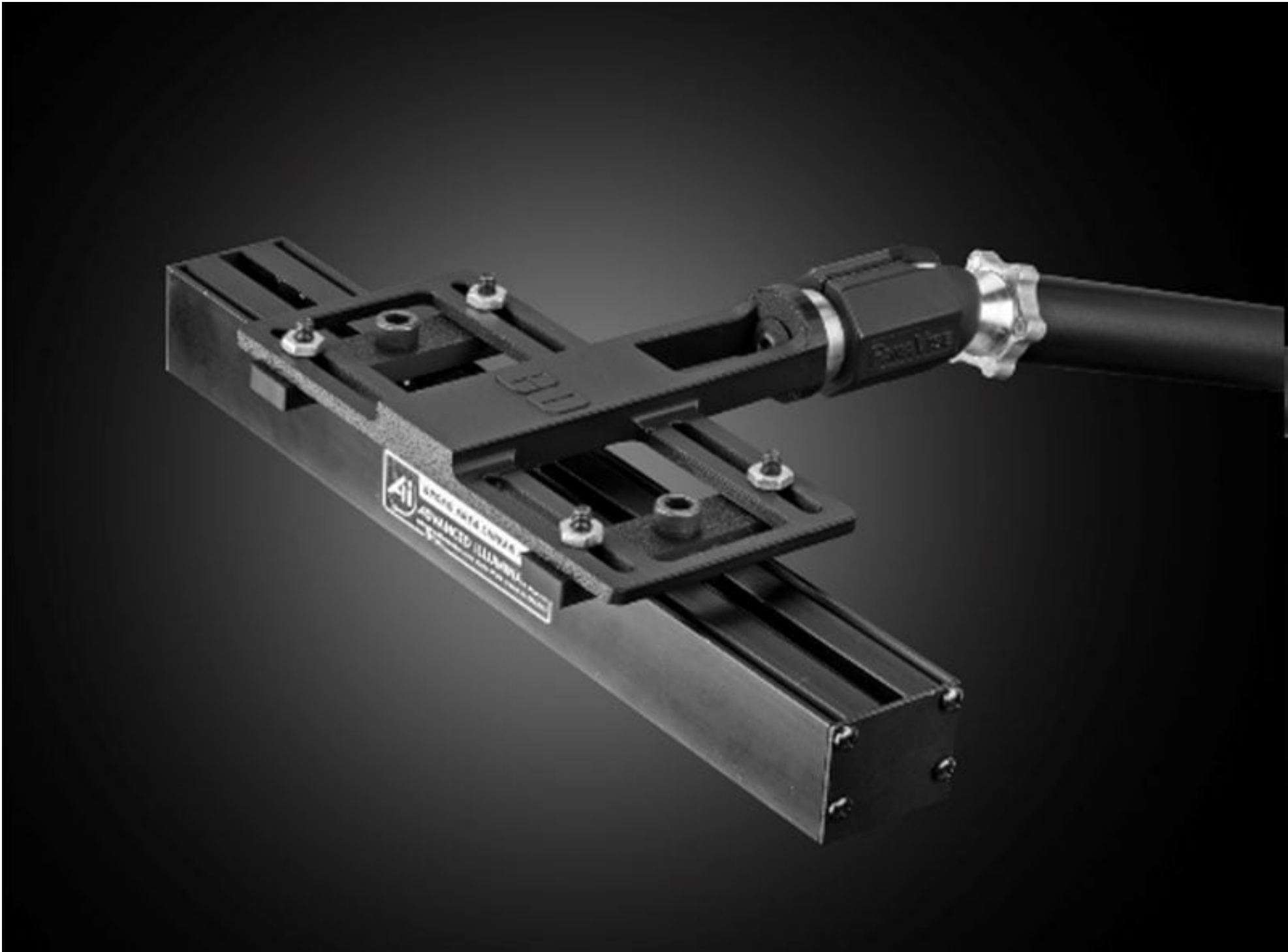
Product Details

- Intense, Diffuse Output up to 226,000 Lux
- Full Range of Wavelengths Available
- UltraSeal Washdown Backlights for Harsh Environments Also Available
- Optional Manual Intensity Adjustments ([#86-887](#) and [#89-555](#)) Recommended

Advanced Illumination Medium Intensity Linear Backlights provide intense, diffuse illumination up to 226,000 Lux. These backlights are available in a full range of wavelengths for seamless system integration. Advanced Illumination Medium Intensity Linear Backlights are ideal for applications such as line scan and object silhouetting. IP69K certified Advanced Illumination UltraSeal Washdown Backlights for harsh environment applications are available.

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

3D-Printable Mount Files



Bar or Line Light Configuration

DOWNLOAD
NOW

Designed for use with the [Articulating Arm Mounting Systems](#), these 3D-printed mounts allow easy positioning of lights in brightfield or darkfield setups. The design is based on mounting illumination to ¼-20" breadboards or into 80/20 extrusion systems, but can be adapted based on user needs. Mounts are available for ring, bar, line, and inline spot lights.



Application Note

Illumination Mounts for Machine Vision Applications
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Video

Assembly of 3D Printed Mounts for Common Illumination Geometries
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