

101.6 x 101.6mm High Intensity 625nm, LED Backlight

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Advanced Illumination High Intensity LED Backlights

Stock #28-759 [CONTACT US](#)

1

MRP ₹81,243

Price inclusive of all taxes

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Volume Pricing	
Qty	₹81,243
1+	each
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Product Downloads

- STEP:stp
- Spec Sheets:pdf
- EO Spec Sheet
- [Download All](#)

General

Model Number:	BL2-0404625IC	LED Lifetime (hours):	50,000
Number of Channels:	4	Type of Illumination:	LED Illuminator
Note:	Optional Manual Intensity Adjustment #86-887 and #89-555 are Available	Uniformity (%):	±6 over Illuminated Area (Dependent on Working Distance)
Manufacturer:	Advanced Illumination	Geometry:	Backlight
Illumination Mode:	Constant		

Physical & Mechanical Properties

Dimensions (mm):	101.6 H x 101.6 W x 24.1 D
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Optical Properties

Color:	Red	Wavelength (nm):	625
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Hardware & Interface Connectivity

Connector:	Flying Leads	Power Supply:	Power Supply Required and Sold Separately: USA: #66-855 Europe: #66-855 Japan: #89-513 Korea: #33-773 China: #66-855
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Environmental & Durability Factors

Operating Temperature (°C): 0 to 60

Regulatory Compliance

Certificate of Conformance: [View](#)

Country of Origin: United States

Imported By: Edmund Optics India Private Limited
267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038
Phone: +91-80-6845 0000

Product Details

- Provides Intense, Even Illumination
- Low Profile Design
- Multiple Active Area Options Available

Advanced Illumination LED Backlights provide intense, even illumination over a range of active areas. Featuring a 50,000-hour product lifetime and a projected light distribution of $\pm 6\%$ over the illuminated area, these lights are ideal for a range of industrial applications. These LED backlights feature a low-profile design with multiple active area options available. Advanced Illumination LED Backlights are offered in white, blue, green, red, and infrared. The backlights are available in 72 H x 72 W x 12 D size, or 123 H x 123 W x 19 D size.

Note: Required 24V power supply [#66-855. Accessories for Advanced Illumination products](#) are available and sold separately.

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	24V Power Supply with Tinned Leads		#66-855	₹10,089 Request Quote	20+ In Stock <input type="text" value="1"/>

Frequently Purchased Together



#34-016 - 0.191X, 4/3" C-Mount TitanTL® Telecentric Lens
₹4,07,960

Qty



#66-855 - 24V Power Supply with Tinned Leads
₹10,089

Qty



#54-041 - Mounted M46 x 0.75 - UV Cut-Off Filter
₹7,062

Qty



#54-363 - 10X (13 - 130mm FL) C-Mount, Close Focus Zoom Lens
₹81,774

Qty

Resources

Media Type

- Technical Tool
- Application Note
- FAQ
- Glossary
- Video
- Published Article

TECHNICAL TOOL

Illumination
Spot Size
Calculator

APPLICATION NOTE

Common
Illumination
Types

APPLICATION NOTE

Using
Structured
Illumination

? FAQ

What is ripple
in illuminators
and how does
it affect mv...

? FAQ

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high frequency
illumination?

? FAQ

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advantages of
LED
illumination?

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