

SWIR 1450nm Homogeneous Backlight



Effilux SWIR LED Backlights

Stock **#28-631** **1 In Stock**

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+

₹2,15,100

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Volume Pricing	
Qty 1+	₹2,15,100 each
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Product Downloads

General	
EFFI-MBL-100T-100-1450	Model Number:
LED Illuminator	Type of Illumination:
>90%	Uniformity (%):
Effilux	Manufacturer:
Backlight	Geometry:

Illumination Mode: Continuous with AIC (Analog Intensity Control)	
Physical & Mechanical Properties	
136.5 x 109.5 x 80.0	Dimensions (mm):
100 x 100	Active Area (mm):
Optical Properties	
SWIR	Color:
1,450	Wavelength (nm):
Hardware & Interface Connectivity	
M12, 4 pins	Connector:
24VDC	Input Voltage (V):
Power Supply: Power Supply Required and Sold Separately: USA: #15-874 Europe: #15-875 Japan: #73-409 Korea: #73-409 China: #15-874	
Environmental & Durability Factors	
-20 to 70	Operating Temperature (°C):
IP50	Environmental Rating:
Regulatory Compliance	
View	Certificate of Conformance:
France	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- Full Range of SWIR Wavelengths Available
- High Intensity and Uniform Lighting
- Feature >80% Homogeneity at Design Wavelength

Effilux SWIR LED Backlights provide intense and uniform lighting for machine vision, sorting and silicon inspection applications. These are available in wavelengths of 1050, 1200, 1300, 1450, 1550, and 1650nm. The backlights are designed with >80% homogeneity at their design wavelengths. Effilux SWIR LED Backlights are ideal complements for applications utilizing TECHSPEC® C Series Fixed Focal Length SWIR Lenses, TECHSPEC® SilverTL™ SWIR Telecentric Lenses and LUCID Vision Labs Triton™ GigE Power over Ethernet (PoE) SWIR Cameras or Teledyne FLIR IIS Forge 1GigE SWIR Cameras.