

SWIR 1650nm Homogeneous Backlight



Efflux SWIR LED Backlights

Stock **#28-633** [CONTACT US](#)

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1

+

£1,912⁰⁰

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Volume Pricing	
Qty 1+	£1,912.00 each
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Product Downloads

General	
EFFI-MBL-100T-100-1650	Model Number:
LED Illuminator	Type of Illumination:
>90%	Uniformity (%):
Efflux	Manufacturer:

Backlight	Geometry:
	Illumination Mode:
Continuous with AIC (Analog Intensity Control)	
Physical & Mechanical Properties	
	Dimensions (mm):
136.5 x 109.5 x 80.0	
	Active Area (mm):
100 x 100	
Optical Properties	
	Color:
SWIR	
	Wavelength (nm):
1,650	
Hardware & Interface Connectivity	
	Connector:
M12, 4 pins	
	Input Voltage (V):
24VDC	
	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	
	Operating Temperature (°C):
-20 to 70	
	Environmental Rating:
IP50	
Regulatory Compliance	
	Certificate of Conformance:
View	

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.