

[All Products](#) / [Lights and Illumination](#) / [Advanced Illumination UltraSeal](#)

[See all 27 Products in Family](#)

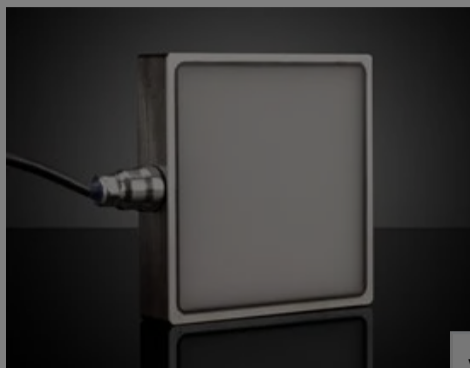
8" x 4", IR 880nm

See More by [Advanced Illumination](#)

Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region: European Union

Submit



Advanced Illumination UltraSeal Washdown Backlights

Stock #18-617 **CLEARANCE** 2 In Stock

1

€1.232^{,95}

ADD TO CART

Volume Pricing	
Qty	€1.232,95
1+	each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

- STEP:step
- PDF Drawing:pdf
- IGES:igs
- Spec Sheets:pdf
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

General

Model Number:	BL245-0804880IC	LED Lifetime (hours):	50000
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):	223.8 x 122.2 x 24.0	Weight (g):	635
Active Area (inches):	8 x 4		

Optical Properties

Color:	IR	Wavelength (nm):	880
---------------	----	-------------------------	-----

Electrical

Minimum Input Current:	0.96A		
-------------------------------	-------	--	--

Hardware & Interface Connectivity

Connector:	Flying Leads	Input Voltage (V):	24V
Power Supply:	Power Supply Required and Sold Separately: USA: #66-855 Europe: #66-855		

Japan: #89-513
 Korea: #33-773
 China: #66-855

Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region:

Environmental & Durability Features

Operating Temperature (°C): 0 - 60

Regulatory Compliance

RoHS 2015: **Exempt**

Certificate of Conformance: [View](#)

Reach 233: **Contains SVHC(s)**

Product Details

- IP69K Certified for Extreme Washdown Environments
- Stainless Steel Housing
- Intensity Output up to 15,000 Lux
- Optional Manual Intensity Adjustments ([#86-887](#) and [#89-555](#)) Recommended

Advanced Illumination UltraSeal Washdown Backlights offer intense, even illumination up to 15,000 Lux while providing maximum protection in extreme environmental conditions. These IP69K certified backlights feature a crevice-free design to withstand high temperature washdown procedures and material buildup. The 316 stainless steel is FDA compliant, making them a suitable option for food or pharmaceutical inspection environments. Advanced Illumination UltraSeal Washdown Backlights are ideal for hygienic and aseptic manufacturing applications, such as prolonged liquid immersion and high-pressure steam cleaning common in food and beverage inspection and processing.

Note: Requires 24V power supply [#66-855](#). Manual Intensity Adjustment [#86-887](#) and [#89-555](#) are recommended 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+	Industrial DIN Mountable Intensity Adjustment		#89-555	€144,00 Request Quote	9 In Stock <input type="text" value="1"/>
MORE+	24V Power Supply with Tinned Leads		#66-855	€95,00 Request Quote	16 In Stock <input type="text" value="1"/>

Related Products



Advanced Illumination MicroBrite High Intensity Edge-Lit Backlights



Advanced Illumination UltraSeal Washdown Bar Lights



Advanced Illumination Edge-lit Collimated LED Backlights



Advanced Illumination Medium Intensity Linear Backlights

Frequently Purchased Together



#34-002 - 0.050X, 1/1.8" C-Mount
TitanTL® Telecentric Lens
€5.850,00

Qty



Lit Backlights
€875,00

Qty



€251,00

Qty



#58-258 - 0.18X, 1/2" GoldTL™
Telecentric Lens
€2.305,00

Qty

Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region:

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

What is the
advantage of
high frequency
illumination?

FAQ

What are the
advantages of
LED
illumination?

[View More](#)