



OPTO-EDU A5F.4810 Broad Spectrum LED Fluorescent Illuminator

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A5F.4810
- Minimum Order Quantity: 1 pc
- Price: FOB \$1~1000, Depend on Order Quantity
- Packaging Details: Carton Packing, For Export Transportation
- Delivery Time: 5~20 Days
- Payment Terms: T/T, West Union, Paypal
- Supply Ability: 5000 pcs/ Month

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U	V	B	G	Y	R
DAPI	PacificBlue	FITC	Cy3	Texas Red	Cy5
Hoechst	Coumarin	GFP/EGFP	TRITC	mCherry	Draq5
AlexaFluor 350	BFP/EBFP	AlexaFluor 488	RFP	AlexaFluor 594	AlexaFluor 647
DyLight 350	DyLight 405	FAM	DsRed	ROX	DyLight 649

Product Specification

- Light Source Host: Broad-spectrum Cover Excitation Wavelength From 350nm~750nm, Output Intensity Is Adjustable
- UV Lighting: Yes, Separately Control UV Lighting
- Light Source Control Box: 100W
- Power Control Box: Touch Screen Show Light Intensity
- Brightness Memory: Two Channels
- Heat Dissipation Mode: Forced Air Cooling
- Highlight: **Broad Spectrum LED Fluorescent Illuminator, OPTO-EDU LED Fluorescent Illuminator, LED Fluorescent Illuminator**

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Product Description

Wide Spectral Output 350-390nm, 410-760nm For Replacing Mercury Lamps
Support U, V, B, G, Y, R Fluorescent Filters And Visible Light Bright Field
Large Power LED With Total Power 100W, 50000 Hours Ultra Long Life LED Lamp
Instant On-Off Without Preheating or Cooling Waiting For Easy Use
Adapted To Main Fluorescent Microscopes In Market, Customize Acceptable



OPTO-EDU (BEIJING) CO., LTD.

OPTO-EDU

F-1501 Wanda Plaza, No.18 Shijingshan Road, Beijing 100043, China
Tel:+8610 88696020 Fax:+8610 88696085

A5F.4810

Broad Spectrum LED Fluorescent Illuminator



A5F.4810 Specification

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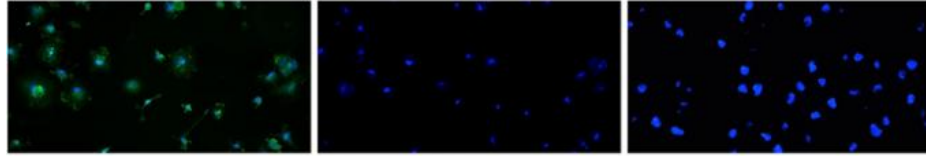
The broad-spectrum high-power LED fluorescence illuminator MG-100 is a new generation of fluorescence microscope light source that replaces the mercury lamp. Based on innovative LED technology, it can achieve wide-spectrum excitation covering the UV to visible light spectrum. The touch screen controller is easy to use, can be turned on and used immediately, and the brightness can be freely adjusted. The service life can reach 50,000 hours.



A5F.4810 Broad Spectrum LED Fluorescent Illuminator Specification

Light source host	Broad-spectrum cover excitation wavelength from 350nm~750nm, output intensity is adjustable
UV lighting	Yes, separately control UV lighting
BG lighting	Yes

White lighting	Yes
Light source control box	100W
Power line	1.5 meter, 8P aviation head (With temperature control, protect the light source)
Power control box	Touch screen show light intensity
Control mode	Two independent controllers, Dimming range: 0-100%, Dimming accuracy:1%
Brightness memory	Two channels
Heat dissipation mode	Forced air cooling
Size	Light source:L180mm x W 114mm x H122mm
	Control box:L 196mm x W 137mm x H 65.5mm



A5F.4810 Features

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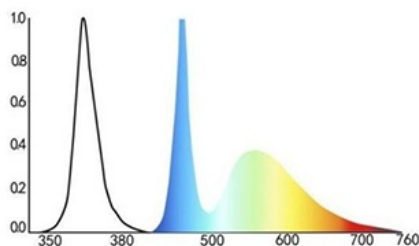
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► Broad spectrum excitation

The continuous output spectrum covers the 350-390nm ultraviolet band and the 410-760nm visible light band, which can meet the excitation requirements of common fluorescent dyes.

► UV band separate control

The ultraviolet band and visible light band adopt two-way control, and the ultraviolet light can be turned off separately, which has lower phototoxicity to living cells. It can also be safely used as a bright field light source and fluorescent light source in material science metallographic microscopes.



► Benefits compared to mercury light source

LED fluorescent light sources have obvious advantages over traditional mercury lamps. They do not require preheating, can be turned on and used immediately, and can be turned off at any time. The brightness can be controlled with an accuracy of 1%, and the brightness is stable and uniform. The lifespan can be up to 50,000 hours, saving maintenance costs.

► Matching world famous brands fluorescence microscopes

It can be matched with fluorescence microscopes of four major brands including Olympus BX43, Nikon 80i, Leica DM2500, Zeiss Observer D1 and Chinese mainstream brands, with optional fiber optic output configuration to meet the needs of different users in scientific research, analysis and inspection.



Opto-Edu (Beijing) Co., Ltd.

☎ 0086 13911110627

✉ sale@optoedu.com

🌐 cnoec.com

F-1501 Wanda Plaza, No. 18 Shijingshan Road, Beijing 100043, China