

Self-illuminated AMO setup SI_AMO_FG_KIT_001



Description

The self-illuminated AMO setup is designed to replace the standard chart TU0004_40 with a light panel featuring the backlit chart TU0004_40_v3. It covers a wide range of light powers and emits several types of spectra, thanks to its controller, which reproduces the laboratory lighting on the AMO chart.

General Specifications

DXOMARK IMAGE LABS Reference	SI_AMO_FG_KIT_001
Dimensions (W x H x T)	Mechanical structure with the light panel: 465mm x 856.5mm x 39mm
	Chart TU0004_40_v4: 445mm x 322mm (W x H)
	Trigger chart: 211mm x 240mm x 4mm
	Controller: 233.6mm x 97.3mm x 128.6mm

Materials	Aluminum, stainless steel, feather cardboard, plastic
Color	Black
Mass	5 kg
Storage Temperature	-40°C to 60°C
HS Code	9405.42.3990
Country of origin	France

Controller Specifications

Connection	USB 2.0 to USB-C
Input Voltage (for USB connection)	5 VDC by USB
Input Voltage	100-240VAC
Input Frequency	50Hz/60Hz
Maximum Input Current	1.0/0.6 A typical at 115/230 VAC
Actual Operating Current	420mA/200mA max at 120VAC/230VAC
Maximum power consumption	50W max
Mass	1.7kg

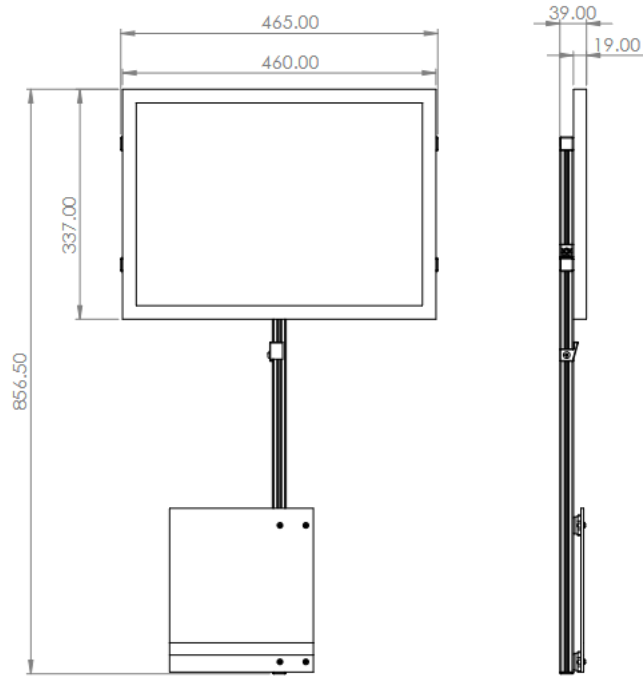
Led Panel Specifications

Input Voltage	24VDC max
Spectral range	380 ... 780 nm
Color temperature	2700 ... 6300 K
Color temperature presets	2700K, 4000K, 6300K
Color Rendering Index	> 90
Illuminance simulation	100 ... 1000lx for 6500K 20 ... 1000lx for 4000K 1 ... 1000lx for 2700K

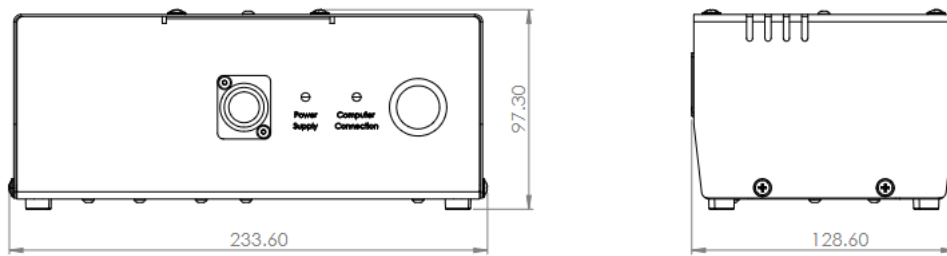
Accessories

- USB cable (0.5m)
- Power cord (2.5m)

SI_AMO_FG_KIT_001 in mm:



Mechanical structure with charts



Controller