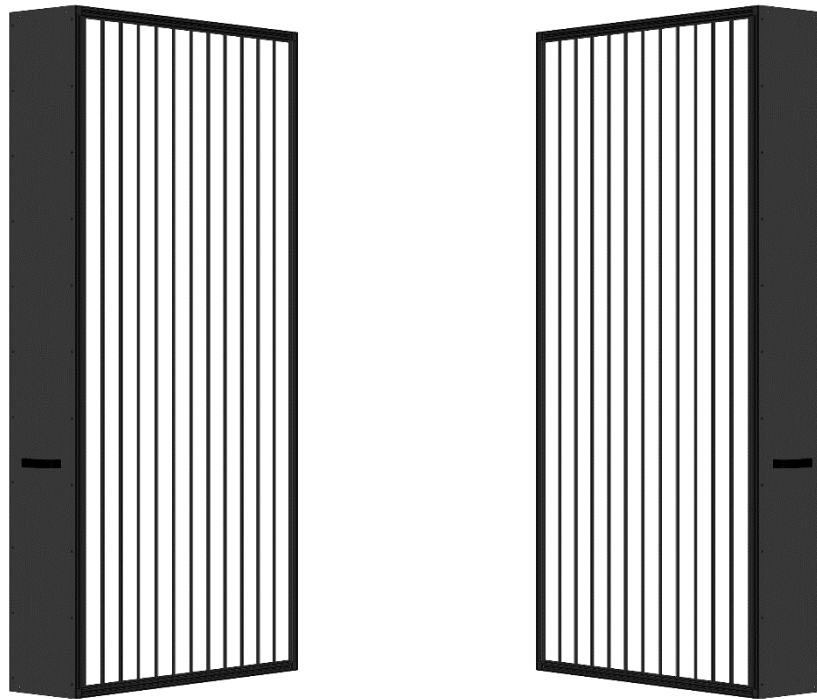


Multispectral Lighting System With sunlight and NIR options MLS_SUNIR_001



General Specifications

DXOMARK Image Labs Reference	MLS_SUNIR_001
Dimensions	1590 x 886 x 247 mm
Material	Aluminum
Color	Black
Weight (for each projector)	45 Kg
Fixture Mounting	Receiver for 16mm stud
HS Code	9405.42.3990
Country of origin	FRANCE

Electrical specifications

AC Input Power	100 - 240 VAC, 50 / 60 Hz
Power Consumption (for each projector)	2000 W

Photometric specifications	
Spectrum type	<ul style="list-style-type: none"> • 17 RGBW LED types (410-760nm) • 4 NIR LED types (805-940nm)
Color Temperature presets	2700 K, 4000 K, 5000 K, 6000 K
Color Rendering Index*	> 95 in sunlight mode (6000 K) > 95 at 5000 K > 80 at 4000 K > 80 at 2700 K
Illuminance	0.1-10000 Lux at 1.6m

* CRI depends on color temperature and intensity settings.

Package contents
<ul style="list-style-type: none"> • 2 MLS_SUNIR_001 projectors • 2 type-F Power cords (3 m) • 2 type-F Extension cords (5 m) • 1 Ethernet cable for projector synchronization (5 m) • 1 Ethernet cable for PC connection (10 m) • 4 Impact Safety Cables

Description
<p>The Multispectral Lighting System (MLS) is designed to illuminate test charts for image analysis.</p> <p>This lighting system uses 32 LED channels, featuring 16 different spectra, which can be fully controlled independently. It can automatically fit a spectrum with a closed loop.</p> <p>The LED channels are DC-driven, ensuring flicker-free light. If necessary, LED flicker can be activated on the 4000K channel.</p> <p>The SUNIR option provides 4 additional LED channels in near-infrared (NIR), and 12 additional LED channels featuring a same spectrum of visible light. It enables to mimic daylight by reaching lighting levels up to 10000 Lux at 1.6m with a spectrum that goes through the full range of visible light and NIR.</p>