

Imatest LED Light Panel

A versatile, low-profile, uniform light source

Why Choose Imatest LED Light Panel?

Imatest LED Light Panels provide a versatile, low-profile and lightweight light source with 90% uniformity, dimmability, wireless controls, and easy integration with our hardware and charts. Choose from a variety of color temperatures as well as near-infrared channels with illuminance levels ranging from 100 to 1,000 lux. The LED Light Panel is ideal for testing many image quality factors with a range of transmissive test charts.



Light Panel with eSFR ISO Chart

The light panels are offered in five standard sizes with:

- ✓ Chart alignment rails to align charts for the most reliable results.
- ✓ A single-channel with various color temperatures and NIR options is included in the standard size.
- ✓ Illuminance levels ranging from 100 ~ 1,000 lux visible, 2 ~ 20 W/m² NIR.
- ✓ 90% or 95% uniformity.



Low-Profile



Wireless Control Box

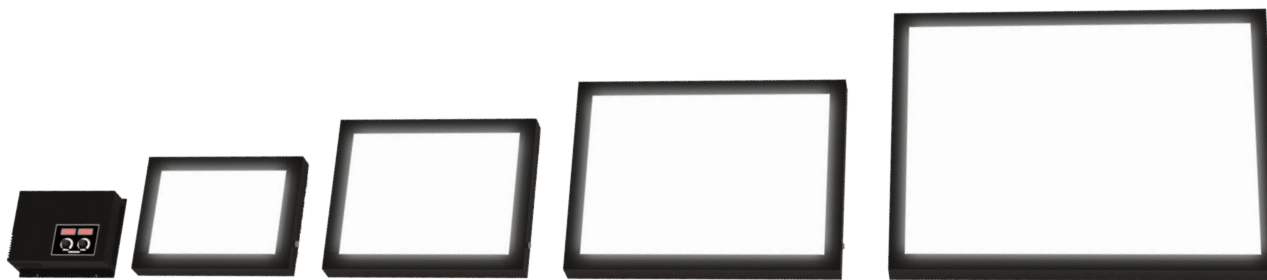
Size	Diffuser Panel Size/ External Dimensions	Intensity (min to max)*	Light Temperature Options**	Uniformity	Channels
A	229mm x 152mm (9" x 6") 299mm x 222mm x 40 mm (11.8" x 8.7" x 1.6")	100 to 1,000 lux NIR: 2 ~ 20 W/m ²	3100K 4100K 5100K 6500K NIR 850nm NIR 940nm	90% (95% available upon request)	Single (multichannel available upon request)
B	260mm x 220mm (10.24" x 8.66") 384mm x 334mm x 60mm (15.1" x 13.1" x 2.4")				
C	432mm x 305mm (17" x 12") 512mm x 385mm x 60mm (20.2" x 15.2" x 2.4")				
D	610mm x 432mm (24" x 17") 690mm x 512mm x 60mm (27.2" x 20.2" x 2.4")				
E	907mm x 540mm (35.7" x 21.3") 987mm x 620mm x 70mm (38.9" x 24.4" x 2.8")	30 to 1,000 lux NIR: 2 ~ 20 W/m ²		90%	
F	907mm x 680mm (35.7" x 26.8") 987mm x 760mm x 70mm (38.9" x 29.9" x 2.8")				
G	1225mm x 680mm (48.2" x 26.8") 1305mm x 760mm x 70mm (51.4" x 29.9" x 2.8")				

*In the multichannel mixed mode, the intensity range is reduced to 200 to 1,000 lux.

**With the multichannel version, you may emit a single channel or a combination of channels.

Options Available Upon Request

- ✓ 30 to 1,000 lux.
- ✓ Multichannel with mixed mode.
- ✓ 95% uniformity (available on sizes, A, B, and C only).
- ✓ More than two channels.



Control Box & Sizes A-D

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