

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 range from Visible: 100 ~ 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 seven standard sizes with:

- ✓ Chart alignment rails to align charts for the most reliable results.
- ✓ A single channel. Choose from four visible and two NIR illuminant options.
- ✓ Illuminance levels range from Visible: 100 ~ 1,000 lux, NIR: 2 ~ 20 W/m².
- ✓ 90% uniformity standard.



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")	Visible: 100 ~ 1,000 lux NIR: 2 ~ 20 W/m ²	3100K 4100K 5100K 6500K NIR 850nm NIR 940nm	90%	Single
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")	Visible: 30 ~ 1,000 lux NIR: 2 ~ 20 W/m ²			
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")				

Power Controls

- ✓ 20W
- ✓ 110V
- ✓ 220V
- ✓ Manual
- ✓ USB
- ✓ WiFi



Control Box & Sizes A-D

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imatest.com/info/lightpanel

