

# Imatest LED Lightbox

*Designed for dynamic range and ultrahigh resolution testing*

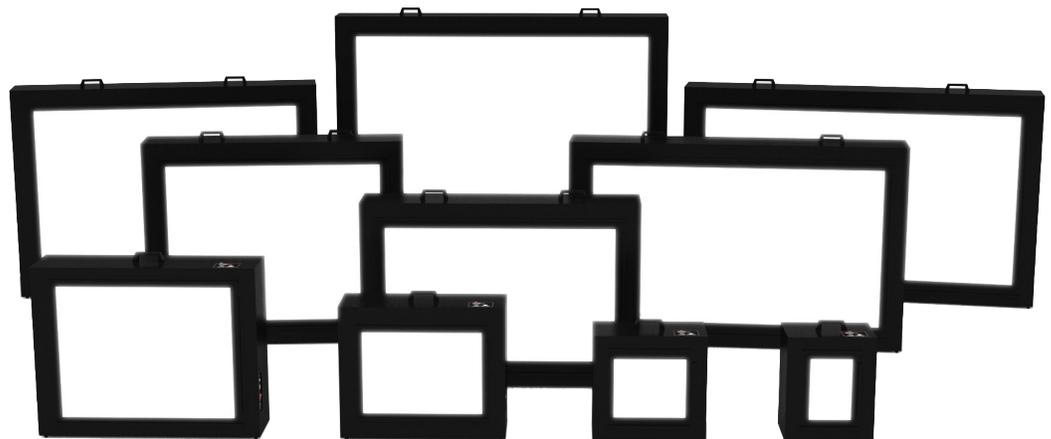


## Why Choose the Imatest LED Lightbox?

Imatest LED Lightboxes are a highly uniform light source for transmissive charts which are designed for dynamic range and ultrahigh resolution testing. With the Lightbox, you can align charts precisely with mounting rails, integrate with test fixtures using universal mounting points, and control the light with wireless controls. Choose from a continuous range of color temperatures, including near-infrared channels and intensity levels from 30 to 10,000 lux.

## The lightboxes are available in nine standard sizes with:

- ✓ A single channel or two channels with a mixed mode for a continuous color spectrum.
- ✓ Standard intensity levels between 30 and 10,000 lux.
- ✓ 90% uniformity; 95% uniformity is optional for size B and C.



Size	Diffuser Panel Size/ External Dimensions	Intensity (min to max)*	Light Temperature Options**	Uniformity	Channel
<b>B</b>	260mm x 220mm (10.24" x 8.66") 400mm x 380mm x 150mm (15.7" x 15" x 7.9")	1 to 10,000 lux 30 to 5,000 lux 30 to 10,000 lux 30 to 20,000 lux 30 to 30,000 lux 30 to 50,000 lux 30 to 100,000 lux NIR: 2 ~ 20 W/m <sup>2</sup>	3100K 4100K 5100K 6500K NIR 850nm NIR 940nm	90% or 95%	Single or multichannel with mixed mode
<b>C</b>	432mm x 305mm (17" x 12") 600mm x 490mm x 150mm (23.6" x 19.3" x 7.9")	30 to 5,000 lux 30 to 10,000 lux  NIR: 2 ~ 20 W/m <sup>2</sup>		90%	
<b>D</b>	610mm x 432mm (24" x 17") 810mm x 630mm x 150mm (31.6" x 24.8" x 7.9")				
<b>E</b>	907mm x 540mm (35.7" x 21.3") 1107mm x 740mm x 200mm (43.6" x 29.1" x 7.9")				
<b>F</b>	907mm x 680mm (35.7" x 26.8") 1107mm x 880mm x 200mm (43.6" x 34.6" x 7.9")				
<b>G</b>	1225mm x 680mm (48" x 26.8") 1425mm x 880mm x 200mm (56.1" x 34.6" x 7.9")				
<b>H</b>	1225mm x 800mm (48" x 31.5") 1425mm x 996mm x 200mm (56.1" x 39.2" x 7.9")				
<b>I</b>	1440mm x 800mm (56.7" x 31.5") 1640mm x 1000mm x 250mm (64.6" x 39.4" x 9.8")				
<b>J</b>	1440mm x 1100mm (56.7" x 43.3") 1640mm x 1300mm x 250mm (64.6" x 51.2" x 9.8")				

\*In the multichannel mixed mode, the intensity range is reduced to 200 to 1000 lux.

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

Custom sizes are available. Please contact [sales@imatest.com](mailto:sales@imatest.com).

### Power

- ✓ 20W
- ✓ 110V
- ✓ 220V

### Controls

- ✓ Manual
- ✓ USB
- ✓ WiFi



NIR-capable

### Imatest, LLC

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## Imatest LED Lightbox

[imatest.com/info/lightbox](http://imatest.com/info/lightbox)

