

Ultra-High Illumination Flickering LED Lightbox

Designed for testing flicker response & dynamic range over a massive range of brightness

Why Choose the Ultra-High Illumination Flickering LED Lightbox?

The Imatest Flickering LED Lightbox produces uniform light that can be adjusted over a wide range of brightness and flicker levels for illuminating transparent test charts and testing flicker response of cameras. This lightbox is brighter than outdoor direct sunlight, and offered at a fixed 5100K color temperature. HDR and other charts are available through our online store or by contacting sales@imatest.com. While the standard version uses 36 kHz PWM power when flicker is off, contact sales@imatest.com about an added direct drive option.

Ultra-High Illumination Flickering LED Lightbox Features:

- ✓ Flicker testing for IEEE P2020 testing of camera LED Flicker Mitigation (LFM)
- ✓ Luminance of 10 to 47,700 cd/m² (30 to 150,000 lux)
- ✓ Single visible channel: 5100K color temperature
- ✓ 95% uniformity on Size B test charts



Ultra-High Illumination Flickering LED Lightbox Specifications

Specifications	Details
Diffuser Panel Dimensions:	300mm x 280mm (11.8" x 11.0")
External Dimensions:	440mm x 415mm x 158.8mm (17.3" x 16.3" x 6.25")
Intensity:	10 to 47,700 cd/m2 (30 to 150,000 lux)
Color Temperature:	5100K ±300K
Uniformity:	95% (260 x 220mm) / 90% (300 x280mm)
Flicker frequency:	10 ~ 65000 Hz
Flicker duty cycle:	0 ~ 100% * PWM frequency is 36K Hz when flicker is off
Control:	Manual / USB / Wireless
Power:	750W 110V / 220V



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imatest.com/ILB-B-150K

