

Telelumen Programmable LED Luminaire Light Booths

Dittosizer Light Player™ based Option – for Critical Color Evaluation



GTI 3052 Color Matching Booth (CMB) using two Telelumen LED Luminaires

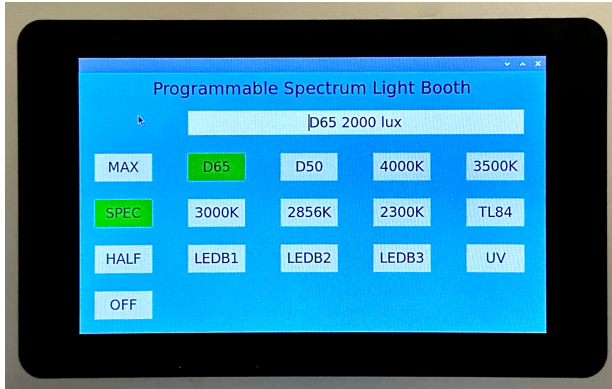
Product Description

Telelumen LED based light booths contain multiple selectable lighting illuminants. They save space, are more accurate, consistent, and versatile compared to legacy vacuum tube based light booths. Due to the no need of tube replacement, efficient ease of use and the efficiency of LEDs, they are much cheaper to operate and are environment friendly.

Telelumen's Programmable LED luminaires are uniquely suited to light viewing booths for critical color and light quality control applications. Telelumen has made arrangements with GTI to add Telelumen LED luminaires to their CMB-3052 Color Matching Booth. Other GTI booths as well as Xrite, VeriVide and other manufacturers booths are possible to upgrade (See minimum requirements below).

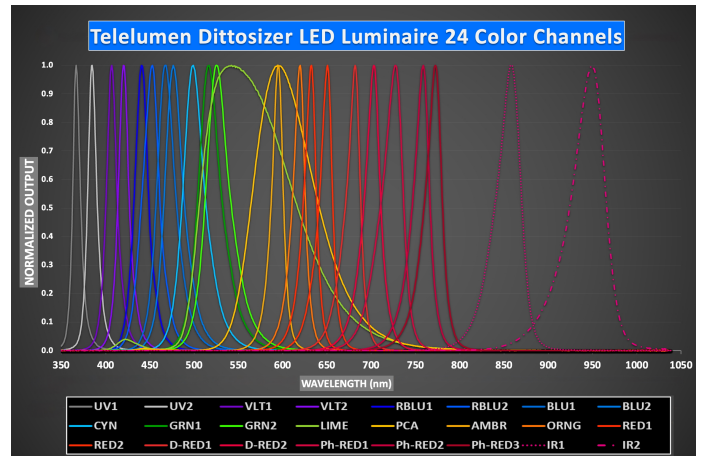
At the touch of the button, the light booth provides 12 illuminants at 3 intensity levels. They can be easily customized for unique spectra/illuminants required by customers at the time of manufacture. These light booths provide unmatched intensity and uniformity for critical viewing.

Options - Customers can choose to directly order a new light booth from Telelumen or ship an existing light booth to Telelumen for upgrading. An optional purchase of Telelumen software will enable the booth to create practically any spectra, play light/spectrum sequences over time and in larger light booths employing two luminaires use a divider for A/B comparisons not possible in traditional booths. (The CMB-3052 Light Booth can also be equipped with the Octa luminaires.)



The light booth is very easy to use and is controlled by the touch panel shown at left. All illuminants are available at the touch of a button. The typical CIE illuminants such as D50 and D65 are included in the 12 spectra options provided. Other custom spectra can be requested by contacting Telelumen and electronically programmed into the light booth at the time of manufacture. The UV option is an OFF/ON switch to be used on its own. Three levels of intensity are controlled by the left column switches.

The luminaire accomplishes the CIE Standard Illuminants by combining 24 LED channels / colors which are shown at right. With optional software from Telelumen the luminaire can be programmed to any combination of channel light outputs. The 24 channels/colors provide unmatched capability to produce almost any spectra accurately. The optional software allows sequencing the light spectra in its "Light Player" mode making for more automated viewing. For example, a sequence of one color at a time could be programmed for a detailed examination of camera/photo sensor response.



Illuminance Setting	Max	Spec	Half
GTI CMB-3052 Minimal Level (lux)	4000	2000	1000

- (1) Each light booth is calibrated at the factory with a lab grade spectrometer.
- (2) For mechanical specifications please see GTI or original specs.
- (3) For electrical specification please see Telelumen Dittosizer LED luminaire specifications.
- (4) Minimum Requirements: To determine retrofit ability - each Telelumen luminaire requires a volume of 2x2 ft. area and 7 inches of height.

Please contact Telelumen at <https://telelumen.com/contact/> for more information on possible customization and details.