

Telelumen Programmable LED Luminaire Light Booths

Octa Light Player™ based Option – for Critical Color Evaluation



GTI 3052 Color Matching Booth (CMB) using two Telelumen 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 a Telelumen LED Octa luminaire to their CMB-2540 light booth. Other GTI booths (3052 booth shown above with touch screen and two Octa) as well as Xrite, VeriVide and other manufacturers booths are possible to upgrade (See minimum requirements below).

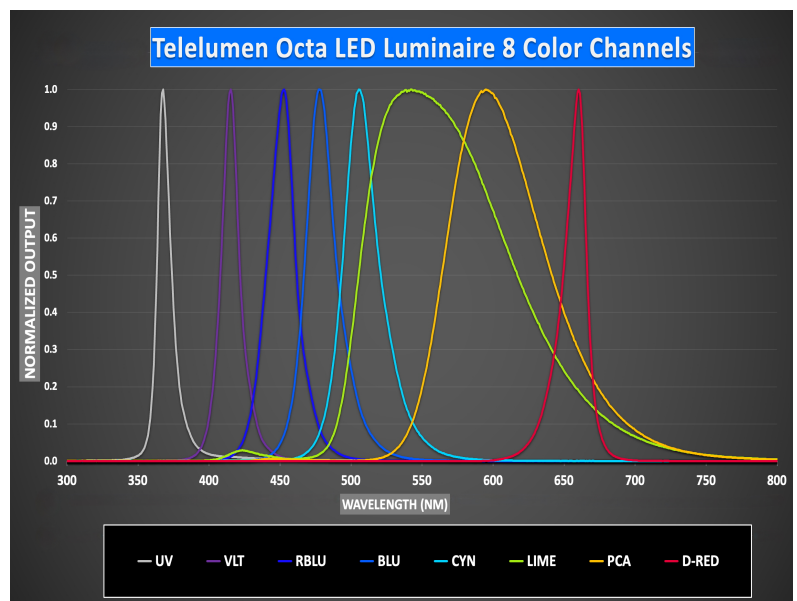
At the touch of the button, the CMB-2540 light booth provides 6 standard illuminants. At the time of manufacture, the selection of the 6 illuminants can be customized for any illuminants/unique

spectra required by customers. These light booths provide unmatched intensity and uniformity for critical viewing.

The light booth is very easy to use and is controlled by a button panel. All illuminants are available at the touch of a button. The typical CIE illuminants such as D50 and D65 are included in the minimum of 6 spectra options provided. Other custom spectra can be requested by contacting Telelum and electronically programmed into the light booth.

Options - Customers can directly order a new booth from Telelum or ship an existing light booth to Telelum for upgrading. An optional purchase of Telelum software will enable the booth to create practically any spectra and play light/spectrum sequences over time. Another option for larger light booths that can employ two luminaires, the user can employ a divider for A/B comparisons that are not possible in traditional booths.

The luminaire accomplishes the CIE Standard Illuminants by combining 8 LED channels / colors which are shown at right. With optional software from Telelum the luminaire can be programmed to any combination of channel light outputs. This is critical when matching new customer store LED lighting. 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-2450 Minimal Level (lux)	1850	1200	600

- (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 Telelum Octa light Player specifications.
- (4) Minimum Requirements: To determine retrofit ability - Each Telelum luminaire requires a volume of 2x2 ft. area and 7 inches of height.

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