



GTI ColorMatcher® Series

Premier Critical Color Inspection Systems

Inspect & Color Match

Inks, Paints, Plastics, Textiles, Paper, Colorants ... all colored materials

Introducing a family of color matching systems designed to deliver every option and feature you need to evaluate and communicate color with absolute confidence. The three standard sizes of the CMB will accommodate nearly any sample size (and if not, larger custom sizes are available). Multiple light sources provide an essential tool for visual color assessment, comparison of color variation, and detection of metamerism (when color samples appear to match under one illumination condition but distinctly change when viewed under a different illumination condition). All GTI color matching booths are supplied with a certificate of product conformance (NIST traceable).



Sides are Removable!



Model: CMB-3052

Complies with the following standards:

- ASTM D1729 • SAE J361 • Tappi 7515
- BS-950 Part 2 • AS 1580.6001.1

Three Standard Viewing Area Sizes

CMB-2028: 20" x 28" (51 cm x 71 cm)

CMB-2540: 25" x 40" (64 cm x 102 cm)

CMB-3052: 30" x 52" (76 cm x 132 cm)

Units can be combined for increased width.

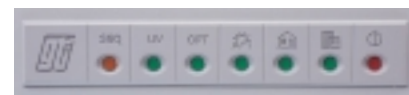
Larger custom sizes also available.

CMB Ordering Guide Available
www.gtilite.com/guide.htm

Numerous Exceptional Features



GTI ColorGuard II
Tracks all light source usage, indicates when to relamp.



Digital & Programmable
New digital control provides "instant on" source selection.

• **Five Light Sources:**

- Artificial Daylight (D65, D75, or D50)
- Store Light (CWF or TL84)
- Home Light (Incandescent A)
- Optional Source (D50, 30U, TL84, TL83, Horizon)
- Ultraviolet Light

• **Push Button - "Instant On" Lamp Selector**

- **Automatic Light Source Sequencing**
- **Munsell N7/ Gray Surround**
- **GTI ColorGuard II Timing Center**
- **Optional Stand & Drawer / Cabinet Accessories**



PVS/M Portable viewing system with 3 light sources plus UV.



Model: CMB-2028/FS

Height adjustable floor stand with casters is available for all sizes.



GTI Graphic Technology, Inc.

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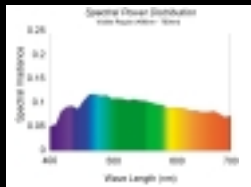
sales@gtilite.com • www.gtilite.com

Standard Illuminants

The spectral power distribution of typical illuminants specified for visual color matching are shown below. Note the significant differences in shape which enhance detection of metamerism.

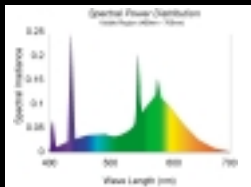
DAYLIGHT (CIE D65, 6500K)

Full Spectrum & Color Balanced For Critical Color Evaluation & Color Communication



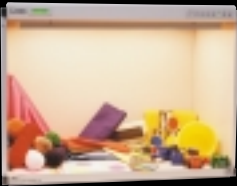
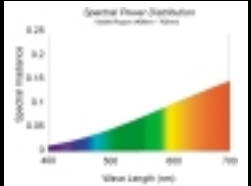
STORE LIGHT CWF (4100K)

Green / Yellow Bias, High Lumens/Watt, Energy Efficient



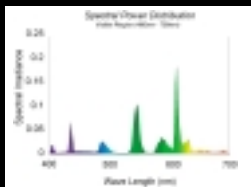
HOME LIGHT Incandescent (CIE 'A', 2856K)

Red / Orange Bias, Tungsten Filament Source



OPTIONAL TL83 (3000K)

Green Bias, Triphosphor Narrow Band, Energy Efficient



UV used with or without visible sources. Allows detection of optical brighteners, whitening agents, and fluorescent dyes or pigments.

About GTI

GTI Graphic Technology, Inc. is the leading provider of critical color viewing systems for graphic arts and photographic applications. For over 25 years, GTI has been designing and manufacturing lighting systems for visual color appraisal and critical color communication. More recently, GTI has been the OEM manufacturer of critical color matching systems for several well-known quality control and color formulation system suppliers. GTI products are tested

and certified by an in-house radiometric laboratory to assure the accuracy and consistency that demanding color production requires.

The CMB series provides state-of-the-art technology, unparalleled viewer-to-viewer compatibility, and the most accurate match to industry standard aim-points on the market. If you are serious about your color quality, GTI is your best choice for color-critical lighting systems.

Floor Stand & Storage Accessories



Floor Stand
(FS-2028, FS-2540, FS-3052) Height adjustable floor stand on casters.



Storage Cabinet
Available for CMB-2540 or CMB-3052. Can be used with single (1F) or double (2F) drawer, or riser (TS).

File Drawers

Single deep (1F) or double shallow (2F) drawers for all models. Can be used with or without floor stands and cabinets.



Flat Files

Available for CMB-2540 or CMB-3052. Can be used with single (1F) or double (2F) drawer, or riser (TS).



SPECIFICATIONS

CMB Ordering Guide Available www.gt-lite.com/guide.htm

Model	Description (H x W x D)	Physical Dimensions (H x W x D)	Electrical*	Shipping Weight
CMB-2028	19" x 28" x 20" Booth	24.75" x 30" x 21.5" (63 cm x 76 cm x 55 cm)	225 watts	70 lbs (32 kgs)
FS-2028	Floor stand for CMB-2028	Adjustable table height 32"-48" (81-122 cm)		55 lbs (25 kgs)
CMB-2540	25" x 40" x 25" Booth	31" x 42" x 26.75" (79 cm x 107 cm x 68 cm)	602 watts	97 lbs (44 kgs)
FS-2540	Floor stand for CMB-2540	Adjustable table height 32"-48" (81-122 cm)		79 lbs (36 kgs)
CMB-3052	30" x 52" x 30" Booth	36" x 54" x 31.5" (91 cm x 137 cm x 80 cm)	788 watts	155 lbs (70 kgs)
FS-3052	Floor stand for CMB-3052	Adjustable table height 32"-48" (81-122 cm)		90 lbs (41 kgs)
PVS/M	Portable Viewing System	23" x 21.25" x 17.5" (58 cm x 54 cm x 44 cm)	130 watts	36 lbs (16 kgs)

*Dedicated line not required

Viewing Accessories



VS-45
45° Viewing Stand
Munsell N7/ Gray



IP-2028 / 2540 / 3052
Matte Black Insert Panel Set (includes side walls, rear wall, floor panels)



CC-12
Metal can comparator holds & rotates cans uniformly for easy visual comparison.

Additional Color Matching Products



MiniMatcher
Color Matching Systems



PDV
Professional Desktop Viewer with D65 Light Source

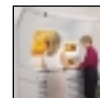


GLE-M Color Matching Overhead Luminaire Systems

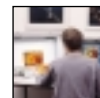
Note: Variable intensity option available on many models for soft-proofing computer monitor applications.

Additional Products from GTI

For Graphic Arts & Photographic color evaluation and communication, GTI offers the Graphilite® family of products, including:



CVX Large Format Viewing Systems



Soft-View & TRV
Enhanced Desktop Viewing Systems



PDV
Professional Desktop Viewing Systems