

# Graphiclite® D5000 Color Viewing Systems

Accurate • Consistent • Standard ISO D50 Compliance



**GTI Graphic Technology, Inc.**



**Quality D5000**

**Color Viewing Systems for:**

Photo Labs • Color Printers • Print Buyers

Service Bureaus • Desktop Publishers

Advertising Agencies • Digital Imaging Studios

any color viewing application of color graphic images

# The Graphiclite CVX and EVS Color Viewing Systems

team up to meet all of your color viewing needs in both production and non-production viewing areas. GTI's strict adherence to current Industry D50 Standard lighting and viewing conditions (ISO 3664:2000), combined with the unique Graphiclite 100 Color Viewing Lamp, makes Graphiclite Color Viewing Systems the BEST answer to accurate, consistent color viewing communication.

It has been proven that the installation of tight tolerance, standard viewing systems within a facility **significantly** improves consistency of color judgement and visual communication.

When you purchase a Graphiclite product, you are making an investment in a company that prides itself on exceptional quality control, outstanding technical expertise, and an unyielding commitment to providing excellence in manufactured products.

*Graphiclite...lighting the way from desktop to pressroom since 1975.*

## CVX Color Viewing Stations

Innovative Advances in Technology and Quality Control

The CVX family of D50 color viewing stations features state-of-the-art electronic ballasts combined with Graphiclite T8 fluorescent lamps, producing superior light evenness, improved rear wall illumination, and enhanced energy efficiency. All units include the LiteGuard II, which displays lamp warm up, lamp hours, and remaining lamp life.

The CVX comes complete with side walls (removable). The attractive design of the CVX makes it a versatile viewer, compatible with either an office/conference room setting or a production/pressroom work area.



**Note:** If desired, the CVX can be provided with 2 light sources (CVX-1/DS) or 3 light sources (CVX-1/M). Available light sources include D50, D65, 3000K, 4100K, etc.

**A VARIETY OF MODEL SIZES IDEALLY DIMENSIONED FOR MULTIPLE PRESS SHEETS OR GROUP CRITIQUES...**



CVX-1/FD/1F with GLX-10 on EA-10  
viewing area: 29" x 52"  
(74 x 132 cm)



CVX-2/FD/1F with GLX-10 on EA-10  
viewing area: 29" x 106"  
(74 x 269 cm)



CVX-3/FD  
viewing area: 48" x 64"  
(122 x 163 cm)



CVX-4/FD  
viewing area: 48" x 130"  
(122 x 330 cm)

Model CVX-4052 has been designed to accommodate image sizes up to 40" x 52". Model CVX-A integrates features designed to accommodate a scanning densitometer or spectrophotometer. Contact GTI for details.

CVX Ordering Guide Available [www.gtilite.com/guide.htm](http://www.gtilite.com/guide.htm)



EVS-1  
viewing area:  
29" x 52"  
(74 x 132 cm)

## EVS Executive Viewing Stations

The EVS family of color viewing stations successfully combines sleek styling and tight tolerance Standard D5000 viewing conditions. The EVS is the perfect color viewing facility for the conference room, lobby, or executive office. Available in a variety of sizes and configurations to meet all of your color viewing needs.

Photos show Model EVS-1 with and without optional side walls (SW-EVS). Note: While side walls are optional on all EVS models, they are recommended for optimum viewing conditions.

EVS-1/FD/1F with  
GLX-10 on EA-10



EVS-1/SC/2F  
with SW-EVS



EVS-1/FD/1F with  
GLX-44 & KT-44X/EVS



EVS-2/FD/1F



EVS-2  
viewing area:  
29" x 106"  
(74 x 269 cm)

### EVS-2540 - When space is at a premium. Perfect for up to 28" & A1 press sheets!

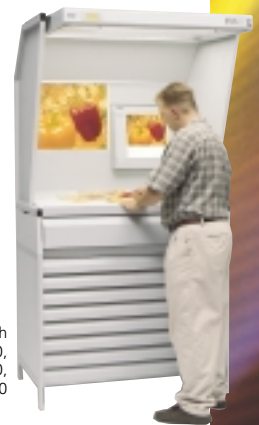
EVS-2540 units can be ordered in multiple configurations - choose the options best suited to meet your specific viewing needs.



EVS-2540 with  
2F-2540 &  
TS-2540



EVS-2540/FS  
(adjustable height)



EVS-2540 with  
1F-2540, FD-2540,  
SW-2540,  
GLX-10 & KT-10X/2540

EVS-2540 Ordering Guide Available [www.gtilite.com/guide.htm](http://www.gtilite.com/guide.htm)

### EVS-2028 - Compact, desktop viewer ideal for critical color viewing of smaller format images



2-EVS-2028 with 2-TS-2028,  
SW-2028, & JK-2028



EVS-2028/2F with  
SW-2028



EVS-  
2028/FS  
(adjustable  
height)



EVS-2028/2F with  
GLX-10 on EA-2028

EVS-2028 Ordering Guide Available [www.gtilite.com/guide.htm](http://www.gtilite.com/guide.htm)



EVS-2540  
viewing area:  
25" x 40"  
(64 x 102 cm)



EVS-2028  
viewing area:  
20" x 28"  
(51 x 71 cm)

## Accessorize... Mix & Match!

Numerous accessories have been designed to maximize large format viewing applications. A variety of storage options are compatible with both the CVX and EVS models. Flat file sets consisting of 8 drawers (/FD) or two door storage cabinets (/SC) can be used alone or combined with one deep (/1F) or 2 shallow (/2F) file drawers to provide storage for artwork, press sheets, or proofs. All GTI viewing stations can be ordered without the stand, as a countertop unit.

# intensity



CVX-1 viewing area: 29" x 52" (74 x 132 cm)



CVX-1/FD/1F



CVX-1/FD  
drawer size:  
2" x 50.5" x 28.25"  
(5 x 128 x 72 cm)



CVX-1/SC/2F



CVX-1 w/o  
included side walls



CVX-2 viewing area: 29" x 106" (74 x 269 cm)



CVX-2/SC/2F



CVX-2/FD  
drawer size: 2" x 50.5" x  
28.25" (5 x 128 x 72 cm)



CVX-4 viewing area: 48" x 130" (122 x 330 cm)



CVX-4/SC



CVX-4/FD  
drawer size: 2" x 50.5" x 36.75"  
(5 x 128 x 93 cm)

Workstations expand your work space and storage facilities...

Workstations (WS) can be attached to your viewing station for editing/sorting and other non-color viewing applications. Available in a variety of configurations.



CVX-1/FD  
with WS/FD



WS

# surround conditions



CVX-1 with RVS-10

**View transparencies -**  
Graphiclite transparency viewers GLX-10, 16, or 20 can be mounted on a convenient Extension Arm (EA-10, EA-16/20).

The larger viewers, GLX-20, GLX-30, & GLX-44 can be built into the rear wall of a CVX-1 or CVX-2 as well as the comparable models, EVS-1 & EVS-2. Transparency viewers can also be built into the work surface using the RVS recessed viewer series.



CVX-1 with GLX-10 on EA-10 (shown without included side walls)

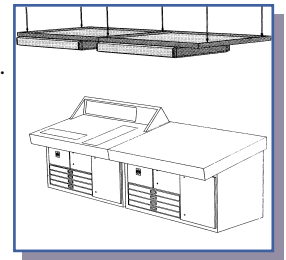


CVEX-1 completely supported by its own stand (slips around console)

## Pressroom Console Viewing Systems

In addition to the popular CVX and EVS viewing stations for pressroom viewing, GTI manufactures custom press console viewing systems. All custom systems provide ISO Standard viewing conditions.

All pressrooms are different. Press consoles and custom viewing areas require custom modifications to ensure quality and accuracy. GTI's design team can create a tight tolerance press console viewing area to suit your specific needs. Please contact GTI at (Tel) 888-562-7066, (Fax) 845-562-2543, (E-Mail) sales@gtilite.com to request a Press Console Specification Sheet. Once completed and submitted, an accurate price quotation can be prepared.



MCVE aerial platform, ceiling supported (sides optional)

# light quality



CVX-3 viewing area: 48" x 64" (122 x 163 cm)



CVX-3/SC



CVX-3/FD  
drawer size: 2' x 50.5" x 36.75" (5 x 128 x 93 cm)

## D5000 Viewing Systems for Digital Presses

GTI offers custom viewing systems for the digital press user allowing inspection of color quality and consistency under standard D50 viewing conditions right at the press. The DIVS-1, designed specifically for the Heidelberg QMDI, uses a unique reflector/lens design to assure even illumination on the press sheet with no glare on the computer monitor. Contact GTI about your digital press D50 lighting needs.



DIVS-1 (Heidelberg QMDI Press)



WS/FD/1F



WS/SC/2F

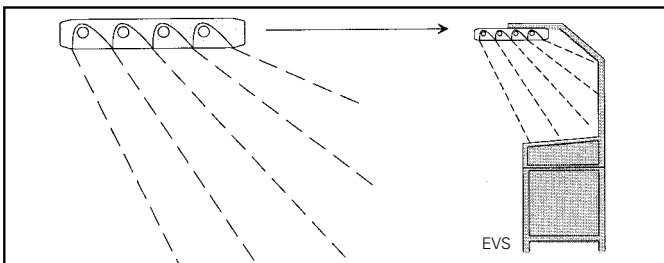
# Graphiclite Luminaires

## Optimize Color Viewing in the Work Area

For areas where use of a color viewing station is not possible, Graphiclite luminaires can provide a more economical solution for standardized viewing. All luminaires utilize Graphiclite 100 Color Viewing Lamps, aluminized high efficiency reflectors, and spectrally neutral non-yellowing diffusers, providing a precisely balanced D5000 output. Available in a variety of sizes from 3 lamps to 5 lamps (2' to 5' in length), with symmetrical or asymmetrical reflectors.

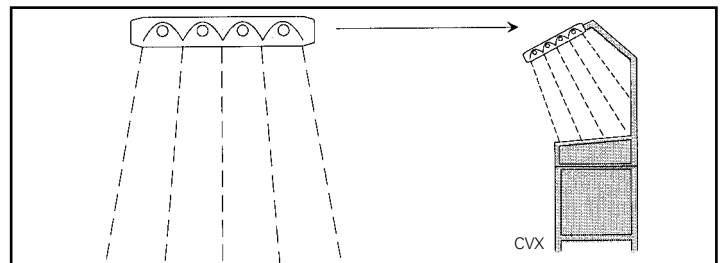
## Choosing the right luminaire...

### Asymmetrical



Light is directed from luminaire at angle to allow parallel-to-floor installation.

### Symmetrical



Light is directed from luminaire in a uniform pattern through diffusion lens.

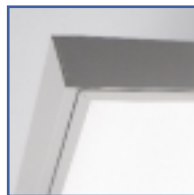


GLL-440 shown with WS & PB-52 (Symmetrical)

GLX-440ALG shown with WS/FD/1F (Asymmetrical)

# illuminating-viewing geometry

The basic "no-frills" model GLL-440 has long been an essential fixture for many color production areas. (Symmetrical only)



The new, thin profile GLE series uses slim-line T8 lamps and is available in both symmetrical and asymmetrical design.

The attractive sleek contour styling of the GLX series of luminaires makes them ideal for conference rooms and design studios. (Symmetrical and Asymmetrical)



## Designing a viewing system...

Correct installation of Graphiclite luminaires is critical to comply with the ISO standard for color quality, intensity, and light evenness. Once you have determined where you need to view color accurately you should...

### Step 1 Define your viewing environment...

What is the dimension of your viewing surface? Width and depth as well as height of viewing surface. Is there a rear wall and/or side walls? Light coverage will be enhanced if rear and side walls are present.

### Step 2 Call GTI...

We will be happy to recommend the correct number and layout of luminaires to achieve optimum results. Contact us at (Tel) 888-562-7066, (Fax) 845-562-2543, (E-Mail) sales@gtlite.com.

## The Right Light...

### Graphiclite D5000 Color Viewing Lamps

The most critical component of a viewing system is the light source. Graphiclite viewing systems feature Graphiclite 100 Color Viewing Lamps which are manufactured to tight GTI custom specifications, assuring the



highest accuracy and efficiency. They are available in a variety of sizes from 15" - 60" in length. Relamp with Graphiclite lamps to maintain standard viewing conditions.

### The Right Control...LiteGuard II

Color output and intensity of fluorescent lamps change over time. The LiteGuard II, standard on all CVX and EVS models, tells when the viewing system is ready to use, the lamp hours used, and the lamp hours remaining before replacement. It even provides fax, phone, & e-mail information to order replacement lamps!



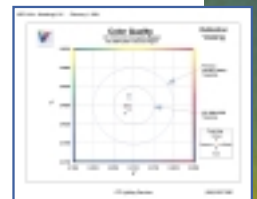
## GTI LiteSupport & Consultative Lighting Services

GTI offers consultative services which include measurement and analysis of each D5000 color viewing area in your facility. Adherence to industry ISO standards is assured with a GTI LiteSupport Maintenance Contract. A GTI technician will perform an initial Lighting Survey of your color viewing facilities and recommend any changes necessary to bring critical viewing areas into standard compliance. Once critical viewing areas are operating within specifications, a maintenance schedule is set up whereby at specified intervals a GTI technician cleans, relamps, and measures each viewing location. A "Status of Color Viewing Facilities" report verifies interviewer agreement and compliance with ISO standards, a

necessary document for ISO 9000 facilities. A GTI LiteSupport Program virtually eliminates unnecessary costs that occur when color corrections are made because of poor lighting conditions. Call us at (888) 562-7066 for details or e-mail to "LiteSupport@gtilite.com".

### Relamp Kits

D50 color viewing systems should undergo scheduled maintenance and relamping. Graphiclite viewing products should be relamped only with Graphiclite 100 Color Viewing Lamps. For convenience, relamp kits are available for every Graphiclite viewing product.



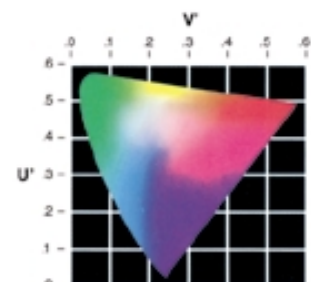
## Commitment to the Standard & Guarantee of Quality Control

Producing and printing high quality color is a complicated process that demands accuracy and consistency. Far too often, incorrect and inconsistent lighting and viewing conditions result in costly communication problems during the color reproduction process. To combat these problems, the industry has established a set of technical specifications defining tight tolerance D50 viewing conditions. The international standard is ISO 3664:2000 entitled "Viewing Conditions - Graphic Technology and Photography".

All Graphiclite color viewing systems conform to this ISO standard which specifies light quality, intensity, illuminating-viewing geometry, surround conditions, and evenness. The heart of the Graphiclite viewing system is the Graphiclite 100 Color Viewing Lamp. This custom designed lamp produces a true full-spectrum white light, rendering colors with the highest degree of accuracy and efficiency. GTI's color laboratory assures the accuracy and consistency of Graphiclite 100 Color Viewing Lamps and all Graphiclite products before they are released for shipment. At GTI we stand behind all of our products and services and continue to meet the ever changing needs of our customers. *We make no compromises.*



*Graphiclite viewers are measured and plotted on this ISO specified C.I.E. Diagram - a chart of color space on which any perceivable color can be precisely targeted.*



## Additional Products from GTI

### GLX TRANSPARENCY VIEWERS

These sleek, smartly-styled viewers are precisely balanced to provide strict compliance with the ISO Graphic Technology and Photography standard. Each viewer is individually tested, guaranteeing standard compliance. *(GLX Viewers are available in five standard model sizes as well as larger custom sizes.*

*All sizes can be ordered with the optional LiteGuard II.)*



### EXECUTIVE SHOW-OFF

Complete D5000 color viewing system in a stylish carrying case. This compact, portable viewer, Model PVS/TR, provides ISO Standard viewing conditions for visual inspection and/or comparison of transparencies, prints, proofs, and press sheets. Also available in reflection only with 3 spectrally dissimilar sources for color matching and detection of metamerism (Model PVS/M).



### COLOR MATCHING SYSTEMS

The GTI MiniMatcher is a compact multi-source viewing system that provides three spectrally dissimilar light sources for the visual appraisal of color appearance and detection of metamerism. Available in larger sizes, as well as overhead luminaires and the CVX-1/M viewing station.

### COLOR APPRAISAL STATION

The color appraisal station provides D50 viewing conditions ideal for presentation and practical appraisal tasks. Images are viewed on a semi-vertical surface, greatly reducing floor space requirements. Available with 20" x 28" or 25" x 40" viewing area. Wall mounted as shown (Models CAS-2540/WM & CAS-2028/WM) or stand mounted (Models CAS-2540/FS & CAS-2028/FS).



### PROFESSIONAL DESKTOP VIEWERS

These compact, accurate Standard D50 PDV viewers utilize innovative, energy efficient slim-line lamps and electronic ballasts with improved lamp/reflector design. Available as reflection only, reflection & transmission, optional dimming, and a folding version. Three sizes.



### SOFT-VIEW

Reflection and transmission desktop viewer with full range push button dimming allows digital setting of light intensity. Models SOFV-1e & SOFV-2e are designed to illuminate hard copy originals for visual color comparison with color monitor images. Available in non-dimming versions as Models TRV-1e & TRV-2e.

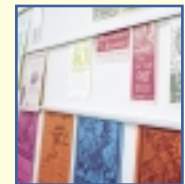


### COLOR RENDITION DEMONSTRATOR

A portable three-compartment viewer that demonstrates the color rendition of three varied light sources on "identical" prints or color samples. Educational tool that can also be used for color styling & design. Available in two model sizes CRD-1 and CRD-2 (smaller version).

### PRINT BAR

A custom extrusion featuring the unique chrome grip which enables quick and easy engagement and disengagement of prints and chromes. *Variety of standard and custom sizes.*



Visit us on the web! [www.gtilite.com](http://www.gtilite.com)



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Graphiclite® Means Standard D5000 Viewing!