



# Graphiclite® D50 48" LED Color Viewing Lamps, Conform to ISO 3664:2009

Since 1975, GTI has provided color viewing systems that comply with industry viewing standards. Due to our commitment to the standards, an inhouse spectroradiometric laboratory, and a 100 percent measurement and verification process, our lamps have consistently delivered an excellent match to the D50 spectral power curve.

GTI has developed a new LED lamp that offers a high Color Rendering Index (CRI) LED solution for 48" Graphiclite D50 viewing booths and overhead luminaires. This new lamp combines the benefits of LED technology with the closest match to D50 spectral specifications ensuring tight conformance to the ISO 3664:2009 viewing standard.

## Key Advantages:

- Available in new 48" luminaires
- Retrofittable to existing 48" luminaires (see next page)
- ISO 3664:2009 compliance
- High CRI (Ra>97)
- Environmentally friendly
- High-efficiency, energy saving LED technology
- Long lifetime
- Instant on/off
- Low heat output



## 48" LED Lamp Specifications

GTI Part Number	TL48T10/GL50
Standard Illuminant	CIE D50
Color Temperature	5000K
Color Rendering Index (CRI)	>97
Flux	Minimum 2000 lm
Safety Certification	CE, FCC
Viewing Standard	ISO 3664:2009
Expected Life (Conformance to ISO 3664)	7,500 hours
Watts	26
Voltage	100 to 240
Length (pin to pin)	48" (1,212.5 mm)
Diameter	1.30" (33.0 mm)
Base Type	G13

Specifications are subject to change.



Graphiclite D50 LED 48" color viewing lamps are available for wall viewing systems, overhead luminaires, and color viewing stations that use 48" D50 lamps.



# Graphiclite® D50 48" LED Color Viewing Lamps

## Upgrade Your Existing Luminaire

### Field Upgrade – Level 1

Replace the luminaire portion of your GTI viewing booth. Purchase a new LED luminaire that you can easily install into your existing viewing booth.

### Field Upgrade – Level 2

Purchase an upgrade kit so that you can upgrade your existing luminaire to accommodate LED lamps. You will receive instructions and the necessary components to do the upgrade at your location. The LED lamp will be directly wired to the AC power line, bypassing the ballast. The person doing the upgrade must have knowledge of wiring and be able to understand a wiring diagram.

## Factory Upgrade

Your luminaire will be upgraded in our factory. You will ship your luminaire back to GTI where it will be upgraded to accommodate LED lamps.

Any booth or luminaire that uses 48" Graphiclite lamps (either F32T8/GL50 or F40T12/GL50) can be upgraded.

## Available In New Products

When purchasing a new GTI Graphiclite viewing system that uses 48" D50 lamps, you have the option to purchase it with LED or fluorescent lamp technology.

**GTI's 48" D50 LED solution costs less than half the amount of competitive products with similar functionality and viewing area.**

## New LED Products and Available Upgrades

Model #	Description
<b>D50 LED Lamp</b>	
TL48T10/GL50	Tubular LED D50 48" Lamp – Direct A/C Wire
<b>Overhead Luminaires – Symmetrical</b>	
GLL-348/LED	GLL-e Overhead Symmetrical Luminaire includes three TL48T10/GL50 LED lamps
GLE-348/LED	GLE Overhead Symmetrical Luminaire includes three TL48T10/GL50 LED lamps
<b>CVX Viewing Stations</b>	
CVX-3052/LED	Desktop version of the CVX-3052 Color Viewing Station includes three TL48T10/GL50 LED lamps, viewing area is 29" x 52"
CVX-3052/FS/LED	CVX-3052 Color Viewing Station with a height adjustable (at set-up) rolling floor stand, includes three TL48T10/GL50 LED lamps, viewing area is 29" x 52"
<b>EVS Viewing Stations</b>	
EVS-3052/LED	Desktop version of the EVS-3052 Color Viewing Station includes three TL48T10/GL50 LED lamps, viewing area is 29" x 52"
EVS-3052/FS/LED	EVS-3052 Color Viewing Station with a height adjustable (at set-up) rolling floor stand, includes three TL48T10/GL50 LED lamps, viewing area is 29" x 52"
<b>Wall Viewing Systems</b>	
GLL-548/LED/V	GLL luminaire for wall viewing includes five TL48T10/GL50 LED lamps
GLE-548/LED/V	GLE luminaire for wall viewing includes five TL48T10/GL50 LED lamps



Three LED D50 lamps replace five fluorescent lamps in 48" overhead luminaires and viewing stations. In 48" wall viewing systems, five LED D50 lamps replace ten fluorescent lamps. All viewing systems feature a unique lens design that is optimized for LED lamp technology.

GTI is a leading manufacturer of tight tolerance lighting systems for critical color viewing, color communication, and color matching. An in-house spectroradiometric laboratory and a 100% measurement and verification production process guarantees that precision and accuracy is built into all products. All products are shipped with a certificate of product conformance (NIST traceable).



Tel: 845-562-7066 • Email: sales@gtilite.com • [www.gtilite.com](http://www.gtilite.com)

GTI Graphic Technology, Inc. | 211 Dupont Avenue, P.O. Box 3138 | Newburgh, New York 12550

GTI GmbH | Tel: +49 461 99 57 60 20 | [www.gti-normlicht.de](http://www.gti-normlicht.de)