SINGLE-SOURCE LUMINAIRES

Models GLL-e and GLE

With features normally found in more expensive units, GLL-e units are designed for color viewing in production areas

Features

• Graphiclite® 100 T8 color viewing lamps

• Aluminized high-efficiency reflectors

• Spectrally neutral and non-yellowing diffusers

• UV-transmitting, optically clear, prismatic lens

• Electronic lamp ballasts for dependable, flicker-free operation

• Precisely balanced D5000 output

GLL-532e

Graphiclite 100 5000°K Lamps

The Graphiclite 100 lamps produce a true full-spectrum white light which renders colors with the highest degree of accuracy and efficiency.

ISO 3664:2009 Standard

The standard specifies five precise conditions to enable effective color communication and critical color comparisons, including:
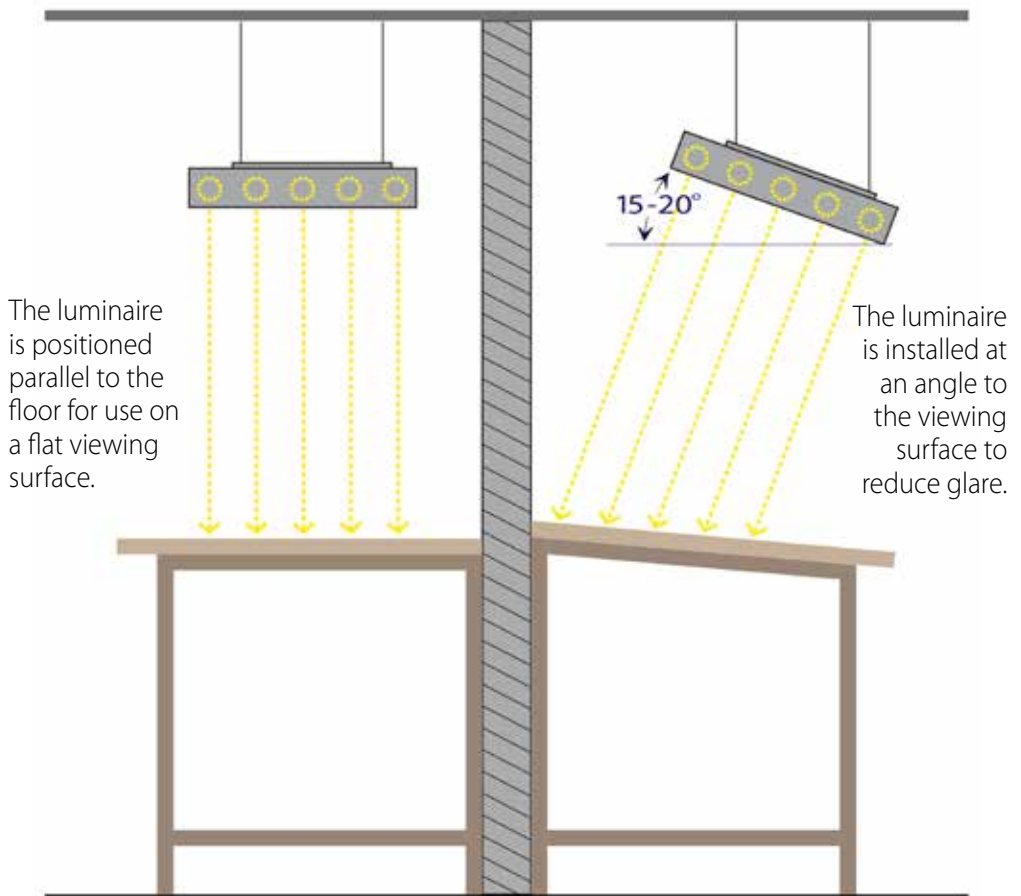
• Color Quality (D50)

• Light Intensity (2000lx)

• Evenness of Light Intensity

• Geometry of Illumination

• Surround Color

These units meet the ISO standard when properly installed in an area where the surround walls are painted a neutral gray, preferably a Munsell N8/ neutral gray.

Select the Correct Model

Determine the average size of the largest samples to be evaluated and select the model that provides the required viewing area. Multiple units can be installed side-by-side or end-to-end to accommodate larger color viewing areas.

15-20°

The luminaire is positioned parallel to the floor for use on a flat viewing surface.

The luminaire is installed at an angle to the viewing surface to reduce glare.
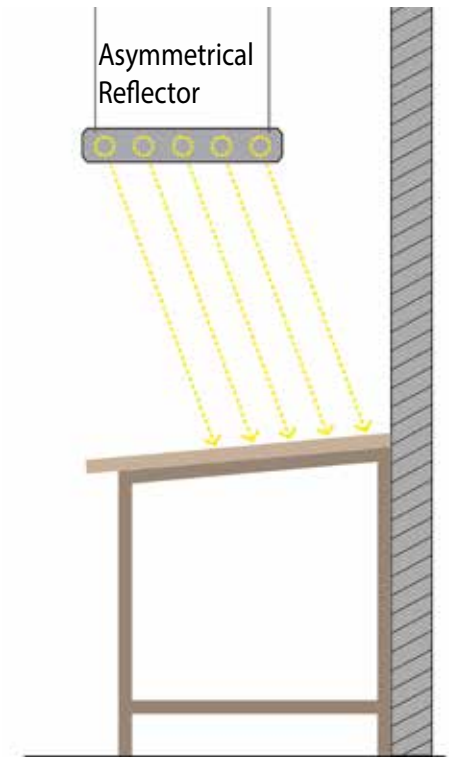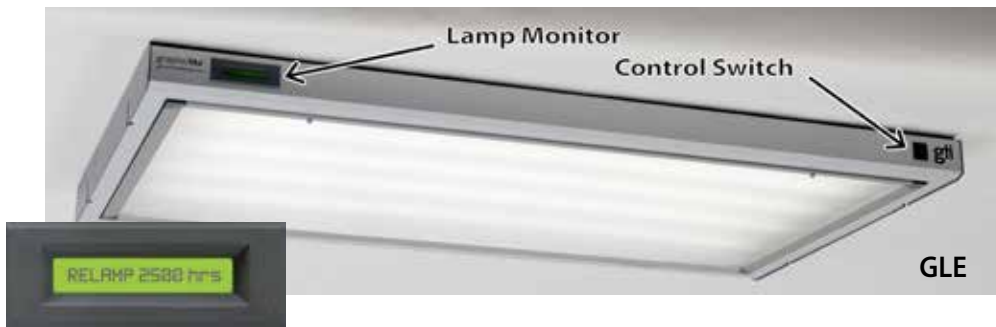
Typical Installation of GLL-e Models

These units incorporate symmetrical reflectors that direct the light in a straight downward direction. The above drawings show two typical orientations that can be adapted to specific viewing conditions.

GLL-e luminaires are only available with symmetrical reflectors. They are designed to be hardwired into a switched electrical circuit and cannot be fitted with a LiteGuard® II lamp monitoring system.

GLL-e AND GLE SINGLE-SOURCE LUMINAIRES

GLE

Asymmetrical Reflector

Asymmetrical Reflector

GLE units have an attractive, thin profile which makes them ideal for use in offices, conference rooms and design studios

Features
- Incorporate all the features of the GLL-e units and more
- Optional LiteGuard II lamp monitoring system
- Symmetrical and asymmetrical reflectors
- Control switch
- Power cord

Lamp Monitoring System

The LiteGuard II lamp monitoring system displays lamp usage, lamp hours remaining on the daylight source, warm-up time and when the lamps need to be replaced.

Asymmetrical Reflectors

As shown in the drawing on the right, the light from the luminaire is directed at an angle that allows for parallel-to-floor installation with minimal glare.

Symmetrical Reflectors

The installation options for the GLL-e units shown on the previous page also apply to the GLE units that incorporate symmetrical reflectors.

Installation

Units with 5 lamps are designed to be installed approximately 42"/107cm from the review area; units with 7 or 10 lamps are designed to be installed about 50"/127cm from the inspection area.

SELECTION GUIDE

Model	Graphiclite 100 Lamps	LiteGuard II	Symmetrical Reflectors	Asymmetrical Reflectors	Incorporated Switch	Power Cord	Illumination
GLL-e*	Yes	Not Available	Yes	Not Available	Not Available	Optional	D50
GLE	Yes	Optional	Yes	Yes	Yes	Yes	D50

*Units are designed to be hardwired into a switched electrical circuit (can be supplied with optional power cord).

SPECIFICATIONS

Symmetrical Models	Physical Dimensions	Viewing Area	Replacement Lamp Kit
GLL-532e	5.75 x 48.75 x 23.75"/15 x 124 x 60cm	30 x 55"/76 x 140cm	L532 (Set of 5)
GLL-1032e	5.75 x 48.75 x 23.75"/15 x 124 x 60cm	30 x 55"/76 x 140cm	L1032 (Set of 10)
GLL-540e/T8	5.75 x 60.75 x 23.75"/15 x 154 x 60cm	30 x 67"/76 x 170cm	L540/T8 (Set of 5)
Symmetrical or Asymmetrical* Models			
GLE-517	3.25 x 28 x 24"/8 x 71 x 61cm	26 x 34"/66 x 86cm	L517 (Set of 5)
GLE-525	3.25 x 40 x 30.5"/8 x 102 x 77cm	36 x 46"/91 x 117cm	L525 (Set of 5)
GLE-532	3.25 x 52 x 30"/8 x 132 x 76cm	36 x 58"/91 x 147cm	L532 (Set of 5)
GLE-732	3.25 x 52 x 39"/8 x 132 x 100cm	45 x 58"/114 x 147cm	L732 (Set of 7)
GLE-540	3.25 x 63.875 x 30.5"/8 x 162 x 77cm	36 x 69"/91 x 175cm	L540/T8 (Set of 5)

*To order the asymmetrical reflector, specify it by adding "A" after the model number (for example, GLE-517A).