

GLE-M Color Matching Luminaire Series

Multi-Source Overhead Luminaire For Large Sample Color Evaluation



Model: GLE-M5/32

For color matching and detecting metamerism & fluorescence

Light Sources

- Daylight (D50, D65, or D75)
- Cool White Fluorescent or TL-84
- Incandescent
- Optional Source on GLE-M5/32 (TL83 3000K Standard)
- Ultraviolet (BLB)

Ideal for

- Printing & Packaging, Paints
- Inks, Textiles
- Plastics, Paper
- Automotive, Furniture
- Appliances

Precise light source control...



Push button control panel provides "instant on" light source selection plus easy to use Automatic Light Source Sequencing. Buttons illuminate to indicate light source in use.



GTI ColorGuard II indicates hours used and hours until relamp for all sources.

Ideal for any sample size...

With the unique design of the GLE-M series, you can operate multiple overhead luminaires with a single wireless remote control. The **GLE-M5/32** is used for single luminaire installation and comes with the advanced "soft-touch" digital light source control and the GTI ColorGuard II lamp timing center. Remote control and multiple unit installations are easily accommodated.

Standard viewing conditions where you need them...

The GLE-M5/32 is the key component of a large area standard* color inspection facility. For tight conformance to the standard, the unit should be installed 36" above viewing surface, with surround walls painted a neutral gray equivalent to Munsell N7/.

* ASTM D1729: "Standard Practice for Visual Evaluation of Color Differences of Opaque Materials"

Single Luminaire Installation

	Model	Description	Dimensions (HxWxD)
→	GLE-M5/32	5 source Luminaire w/GTI Color Guard II	3.5" x 52" x 30" (9 cm x 132 cm x 76 cm)
→	GLE-M3/32	3 source Luminaire w/GTI Color Guard II	3.5" x 52" x 30" (9 cm x 132 cm x 76 cm)
→	GLE-M4/32	4 source Luminaire w/GTI Color Guard II	3.5" x 52" x 30" (9 cm x 132 cm x 76 cm)
→	GLE-M5/40	5 source Luminaire w/GTI Color Guard II	3.5" x 64" x 30" (9 cm x 163 cm x 76 cm)
→	Multiple Luminaire and Remote Control Installation- See Installation/Ordering Guide (reverse side)		

GLE-M Series Luminaire - Installation / Ordering Guide



Single Unit Applications

The GLE-M series is available with either 3 light sources, 3 sources plus UV, or 4 sources plus UV, as listed below. The standard unit comes complete with "soft touch" digital light source control and GTI ColorGuard II lamp timing center. In order to operate any GLE-M with a remote control or in a multiple unit installation, see Remote Control & Multiple Unit Applications below.



Standard Models (complete with 10' power cord)

Model	Description
→ GLE-M5/32	Color Matching Luminaire with 4 light sources (D65, CWF, Incandescent, Optional*) plus UV
→ GLE-M3/32	Color Matching Luminaire with 3 light sources (D65, CWF, Incandescent)
→ GLE-M4/32	Color Matching Luminaire with 3 light sources (D65, CWF, Incandescent) plus UV
→ GLE-M5/40	Color Matching Luminaire with 4 light sources (D65, CWF, Incandescent, Optional*) plus UV - 60" size

* optional source can be specified, however, unless otherwise requested it is TL83 3000K

Wireless Remote Control Applications

Remote control installations require a luminaire with a wireless remote control & receiver. The luminaire is equipped with a wireless receiver, wireless remote control, plus two output connectors which can be used to control additional luminaires. It also includes the GTI ColorGuard II lamp timing monitor and digital light source control. Model choices are:

Remote Control Models

Model	Description
→ GLE-M5/32/WRC	GLE-M5/32 complete with wireless remote control
→ GLE-M3/32/WRC	GLE-M3/32 complete with wireless remote control
→ GLE-M4/32/WRC	GLE-M4/32 complete with wireless remote control
→ GLE-M5/40/WRC	GLE-M5/40 complete with wireless remote control



Included wireless remote control allows control of 1-8 luminaires.

Multiple Unit Applications

Multiple luminaire installations, for large area or color matching



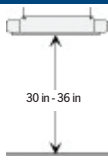
rooms, can be operated using the remote control or any of the luminaire mounted digital light source controls. Each wireless multiple fixture installation requires one remote control luminaire (any of the WRC models). For multiple installations without wireless remote control, standard models may be configured to link with /NT models by adding /LK after the model number (GLE-M5/32/LK).

Multiple Unit Models (For adding to Remote Control Models)

Model	Description
→ GLE-M5/32/NT	GLE-M5/32 with no GTI ColorGuard II. Includes Control Cable and remote inputs.
→ GLE-M3/32/NT	GLE-M3/32 with no GTI ColorGuard II. Includes Control Cable and remote inputs.
→ GLE-M4/32/NT	GLE-M4/32 with no GTI ColorGuard II. Includes Control Cable and remote inputs.
→ GLE-M5/40/NT	GLE-M5/40 with no GTI ColorGuard II. Includes Control Cable and remote inputs.

Typical Installation

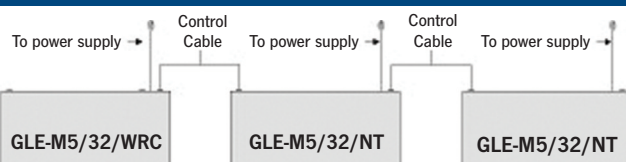
For optimal compliance with ASTM D1729 luminaire should be installed 30" - 36" above viewing surface.



Example - 3 Luminaire Installation

To Order, Specify:
1 GLE-M5/32/WRC
2 GLE-M5/32/NT

Wireless Remote Control



Installation Suggestions:

- A GLE-M series luminaire will provide even illumination of approximately its own area (50" x 30").
- With multiple unit installation, a unit to unit spacing of 10" - 12" will provide sufficient coverage.
- Paint surround walls Munsell N7/ neutral gray.
- Remote Control luminaire can be installed anywhere within a multiple unit installation (does not have to be at the end of a run).

true light
true color