gti

Multi-Source Overhead Luminaires

For Accurate, Industry Standard Color Viewing of Large Samples

GLE-M overhead luminaires are designed to be hung from a ceiling.

GTI's multi-source overhead luminaires enable accurate visual color matching and the detection of metamerism and fluorescence. Overhead luminaires provide a cost effective solution when configuring a viewing area for large samples or when a viewing booth is not practical.

GLE-M Multi-Source Luminaires

GLE-M luminaires utilize an innovative optically clear, UV transmitting, prismatic diffusion lens for optimal light distribution. They are available with three, four, or five light sources. Standard units include a line cord, GTI ColorGuard II, and a front-mounted push button source selector/sequencer control panel (shown below).

Wireless Remote Control

GLE-M luminaires can be configured with a wireless remote control. The optional wireless remote control system consists of a receiver attached to the luminaire and a handheld remote control. Once the luminaire is installed, it can be controlled both remotely and with the switches on the luminaire.

Multi-Luminaire Installations

Up to ten GLE luminaires can be linked together. Nine satellite luminaires will be controlled by one control luminaire that can be operated from the front control panel or a wireless remote control.

GTI ColorGuard II tracks usage for each light source and notifies you when it is time to relamp.

GLE-M Key Features:

- **Conforms to industry standards: ASTM D1729, SAE J361, BS-950, AS 1580, ISO 3668, AATCC Procedure #9, TAPPI T-515, TAPPI T-1212, ISO 3664:2009**
- **NIST traceable certificate of conformance**
- **Multiple light sources**
- **Optional wireless remote control**
- **Up to ten luminaires can be linked together**
- **A range of light sources available**
- **Range of sizes and models**

GLL-e Luminaires

The affordable GLL-e provides up to three light sources. GLL-e luminaires must be hard wired into a switched circuit (one for each light source) and do not have a built-in light control selector.

A wireless remote control option is available.

GLL-e luminaires can be hung from a ceiling with chains or installed into a drop ceiling.

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Standard GLE-M Models

- Standard GLE-M luminaires include a push button control panel on the luminaire, ColorGuard II, and auto sequencing.
- Configuration as a control unit for up to nine satellite luminaires is optional.

Model No.	Number of Sources	Lamp Sizes (T8 Lamps)	Dimensions H×W×D	Light Sources[1]
GLE-M4/25	Four	36"/25 watt	5" × 40" × 26" (13 cm × 102 cm × 66 cm)	D65, CWF (or TL84), Incandescent, UV
GLE-M5/25	Five	36"/25 watt	5" × 40" × 26" (13 cm × 102 cm × 66 cm)	D65, CWF (or TL84), Incandescent, UV, Optional[2]
GLE-DS	Two	48"/32 watt	3.5" × 52" × 30" (9 cm × 132 cm × 76 cm)	D65 and D50
GLE-M3/32	Three	48"/32 watt	5" × 52" × 30" (13 cm × 132 cm × 76 cm)	D65, CWF (or TL84), Incandescent
GLE-M4/32	Four	48"/32 watt	5" × 52" × 30" (13 cm × 132 cm × 76 cm)	D65, CWF (or TL84), Incandescent, UV
GLE-M5/32	Five	48"/32 watt	5" × 52" × 30" (13 cm × 132 cm × 76 cm)	D65, CWF (or TL84), Incandescent, UV, Optional[2]
GLE-M3/40	Three	60"/40 watt	5" × 64" × 30" (13 cm × 163 cm × 76 cm)	D65, CWF (or TL84), Incandescent
GLE-M4/40	Four	60"/40 watt	5" × 64" × 30" (13 cm × 163 cm × 76 cm)	D65, CWF (or TL84), Incandescent, UV
GLE-M5/40	Five	60"/40 watt	5" × 64" × 30" (13 cm × 163 cm × 76 cm)	D65, CWF (or TL84), Incandescent, UV, Optional[2]

[1] Substitute sources are available upon request.

[2] Optional sources are TL84, Horizon, TL83, D50, D75, D65, SPX35, and LED. TL83 is the default optional choice. If a different source is required, please specify when ordering.
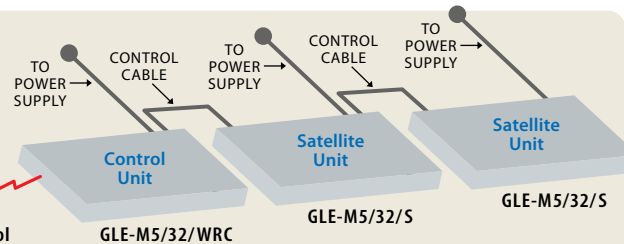
Wireless Remote Control GLE-M/WRC Models

- Wireless remote control models include a hand-held wireless remote control, ColorGuard II, and auto sequencing.
- Can be configured to control up to nine satellite luminaires.

Example: 3 Luminaire Installation
1 - GLE-M5/32/WRC
2 - GLE-M5/32/S

TO POWER SUPPLY
CONTROL CABLE
TO POWER SUPPLY
CONTROL CABLE
TO POWER SUPPLY

Control Unit
Satellite Unit
Satellite Unit

Wireless Remote Control
GLE-M5/32/WRC
GLE-M5/32/S
GLE-M5/32/S

Satellite GLE-M/S Models

- Satellite luminaires are cable connected to push button and wireless remote control units.
- Satellite units will simultaneously copy the actions of the control unit.

For more information on GTI's GLE-M luminaires please consult the GLE-M ordering guide.

GLL-e Specifications

Model No.	Number of Sources	Lamp Sizes (T8 Lamps)	Dimensions H×W×D	Light Sources[1]
GLL-DSe	Two	48"/32 watt	5.75" × 48.75" × 23.75" (15 cm × 124 cm × 60 cm)	D65 and D50
GLL-DS/40e	Two	60"/40 watt	5.75" × 60.75" × 23.75" (15 cm × 154 cm × 60 cm)	D65 and D50
GLL-M3/32e	Three	48"/32 watt	5.75" × 48.75" × 23.75" (15 cm × 124 cm × 60 cm)	D65, CWF (or TL84), Incandescent
GLL-M3/32e/WRC	Three	48"/32 watt	5.75" × 48.75" × 23.75" (15 cm × 124 cm × 60 cm)	D65, CWF (or TL84), Incandescent
GLL-M3/32e/S[2]	Three	48"/32 watt	5.75" × 48.75" × 23.75" (15 cm × 124 cm × 60 cm)	D65, CWF (or TL84), Incandescent

[1] Other available light sources are TL84, Horizon, TL83, D50, D75, D65, SPX35, and LED.

[2] Satellite versions include control cable and inputs for linking WRC.

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).