

FEATURES & SPECIFICATIONS

INTENDED USE — Designed to deliver maximum efficiency and lighting control. Precise photometric distribution provides the high performance general lighting required in offices, schools, hospitals and retail interiors.

CONSTRUCTION — 22-gauge cold rolled steel housing is rigid and fully assembled with rivets. Access plate provided for easy wiring access.

Optional 20-gauge New York City Code housing available.

Lamp shielding options are provided with a 22ga., premium polyester powder coat finish door frame with two painted hinges and two painted opposing rotary cam latches. Lenses are held in place with lens clips.

Finish: Standard high gloss white baked enamel, pretreated with a 5-stage iron phosphate system.

Optional premium polyester powder coat finish, utilizing a 7-stage pretreatment process of iron phosphate, a non-chromium sealer and a de-ionized water rinse to provide superior adhesion and corrosion resistance. Specify PAF (powder coat after fabrication).

OPTICS — Precision formed, high performance, 95% total reflectance, segmented optics utilizing Alanod MIRO® 4 specular aluminum warranted for 25 years. Optional heavy-gauge reflector material is available for more demanding applications.

Factory installed lamps are available in various CRI ratings, temperature colors and rated life.

Lamps are secured with push button locking lamp holders for ease of relamping and to reduce lamps disconnecting due to vibration or incidental contact.

Provides high fixture efficiency and optical control needed to deliver peak candlepower, producing desired illumination levels from high mounting heights.

- Fully specular luminaire interior minimizes luminaire brightness.
- Precision-formed reflector system produces distribution appropriate for various task requirements.
- Fixtures are available pre-lamped and wired with RELOC for fast installation.
- Protective film guards MIRO®4 finish during construction.

ELECTRICAL — All standard ballasts are electronic, energy-saving, thermally protected, Class-P, HPF, non-PCB, Sound Rated A, UL/CSA certified where applicable.

INSTALLATION — Designed for mounting in a standard NEMA G grid ceiling.

Custom mounting options and accessories are available. Consult factory.

LISTINGS — UL Listed wire, rated for required temperatures, used throughout. Luminaire is bi-national listed (UL 1598 and CSA C22.2 No. 250.0-00) and is suitable for damp locations.

Optional pre-wired whips available.

Catalog Number
Notes
Type

High-Lumen Recessed Troffer

FGT

T5, T5HO and T8 Lamps



WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx
Actual performance may differ as a result of end-user environment and application.
Note: Specifications subject to change without notice.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: FGT24 4 F54T5HO T1X20 A12 MVOLT GEB10PS

FGT24		Number of lamps		Lamp type		Distribution/Reflector		Finish		Shielding							
Series	2' x 4'	4	28T5	28W T5	Distribution	Reflector	(blank)	Flush steel, white	A12	Pattern 12 acrylic, 0.110"							
		5	54T5HO	54W T5HO						T1	Task beam,	X20	MIRO® 4,	FN	Flush aluminum, natural	A12125	Pattern 12 acrylic, 0.125"
		6	32	32W T8						N1	Normal beam,		0.020"	FM	Flush aluminum, matte black	A12WG	A12 acrylic lens with wireguard
								FW	Flush aluminum, white	NLWG	Wireguard in door; no lens						
										PCL125	Clear polycarbonate, 0.125"						
										SYA	Symmetric lens						
Voltage		Ballast configuration		Ballast		Lamp color		Options									
MVOLT	120-277V, 60 Hz	(blank)	All 2-lamp ballast ³	GEB10PS	T5 electronic ballast, ≤ 10% THD, programmed rapid start	(blank)	No lamps	NYC	20-gauge, New York City code								
HVOLT	347-480V, 60 Hz ¹	1/31/2	(1) 3-lamp and (1) 2-lamp ballast	GEB10ISH	T8 electronic ballast, ≤ 20% THD, high BF	LP841	85 CRI, 4100 K, standard life	PAF	Powder coat after fabrication								
120	120V, 60 Hz	1/4	(1) 4-lamp ballast	GEB10IS	T8 electronic ballast, ≤ 20% THD, normal BF	LPM841	85 CRI, 4100 K, low Hg, standard life	PWS1836	Pre-wire (whip), 3/8", 18/3, 6' ⁴								
277	277V, 60Hz	1/41/2	(1) 4-lamp and (1) 2-lamp ballast	GEB10ISL	T8 electronic ballast, ≤ 20% THD, instant start, low BF												
347	347V, 60Hz ²	2/3	(2) 3-lamp ballasts														

Accessories: Order as separate catalog number.	
DGA24	Drywall grid adapter

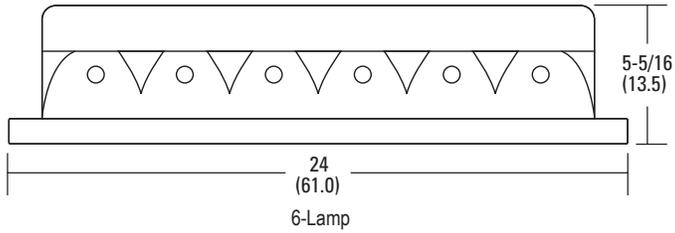
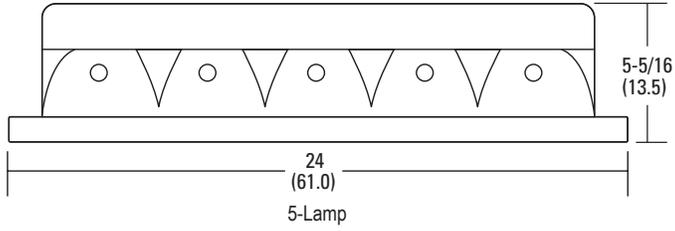
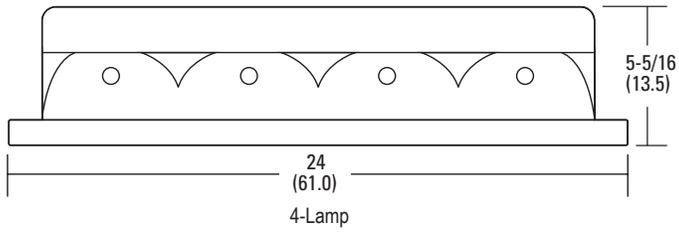
Notes

- 1 Available with T5HO only.
- 2 Available with T8 only.
- 3 Available with four and six lamps only.
- 4 Maximum length 6'.

FGT High-Lumen Recessed Troffer

DIMENSIONS

All dimensions are shown in inches (centimeters) unless otherwise noted.
Specifications subject to change without notice.



PHOTOMETRICS

See www.lithonia.com.