

FEATURES & SPECIFICATIONS

INTENDED USE — General illumination for rough service (vandal-resistant) applications. Ideal for areas that require higher levels of protection from physical assault, while providing proper illumination for safety or security. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

CONSTRUCTION — Steel door frame features overlap mitered corners. Plasma seam welded corners that provide a clean finish while eliminating light leaks and secured by stainless steel tamper-resistant Torx® TX-20 screws, two per side standard (four included). Ceiling trims available to fit most recessed applications. Five-stage iron-phosphate pretreatment ensures superior paint adhesion and rust resistance. Painted parts finished with high-gloss, baked white enamel.

Variety of shielding available including VL, durable .250" polycarbonate sheet laminated to .125" A12 pattern acrylic overlay. Impact-resistant acrylic or prismatic polycarbonate also available.

ELECTRICAL — Thermally-protected, resetting, Class P, HPF, non-PCB, UL listed, CSA-certified ballast is standard. Sound rated A. Standard combinations are CBM approved and conform to UL 935.

Fixture conforms to UL 1570 and is suitable for damp locations. AWM, TFN or THHN wire used throughout, rated for required temperatures.

LISTINGS — UL listed to US and Canadian safety standards (see Options). NOM Certified (see Options).

BUY AMERICAN ACT — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

Catalog Number
Notes
Type

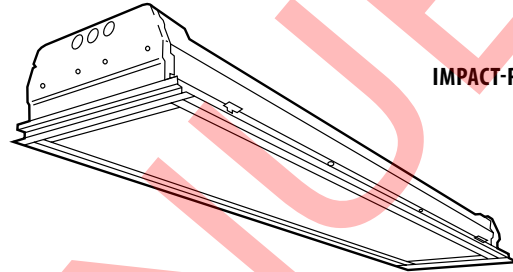
Rough Service Premium Troffer

VRT 1' X 4'

IMPACT-RESISTANT DIFFUSER

2 or 3 T8 Lamps

BAA



ORDERING INFORMATION

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

Example: VRT G 2 32 VL MVOLT GEB10IS

2VRT						
Series	Trim type ¹	Lamps ²	Lamp type	Shielding	Voltage	
VRT Rough Service Troffer	G Lay-in grid trim	2 Two lamps	28T5 28W T5	VL .250" clear polycarbonate laminated to A12 .125 acrylic	MVOLT 120-277V, 50/60HZ	
	F Overlapping flanged trim	3 Three lamps	32 32W T8 54T5HO 55W T5HO	AR12 #12 pattern high impact acrylic, .140 ARF12 #12 pattern high impact acrylic with radio interference grid, .140 PCL121187 #12 pattern polycarbonate, .187"	120 120V 208 208V 240 240V 277 277V 347 347V	

Ballast configuration	Ballast	Options	Lamp color
(blank) All 2-lamp ballasts 1/3 One 3-lamp ballast ³	GEB10IS T8 electronic, ≤10% THD, instant start normal BF GEB10RS T8 electronic, ≤10% THD, rapid start normal BF ⁴ GEB10PS T5 or T8 electronic, 1.0 BF, programmed rapid start GEB10PS90 T5HO electronic, ≤10% THD, programmed rapid start	EL6DW Emergency battery pack (nominal 600 lumens) ^{5, 6, 7} EL14DW Emergency battery pack (nominal 1400 lumens) ^{5, 6} GLR Internal fast-blow fuse ⁸ GMF Internal slow-blow fuse ⁸ PWS1836 Pre-wire system, 18-gauge, three-wire (one circuit), 6' length (others available) CSA "Listed and labeled to comply with Canadian Standards" NOM NOM Certified SW Palletized and stretch-wrapped BAA Buy America(n) Act Compliant	(blank) Less lamps LP835 F54T5HO/835 LP841 F54T5HO/841 LP850 F54T5HO/850

Accessories: Order as separate catalog number.

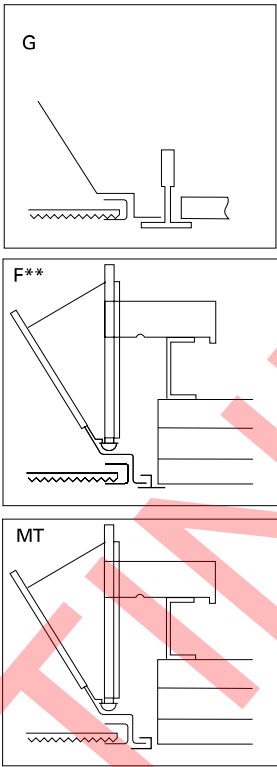
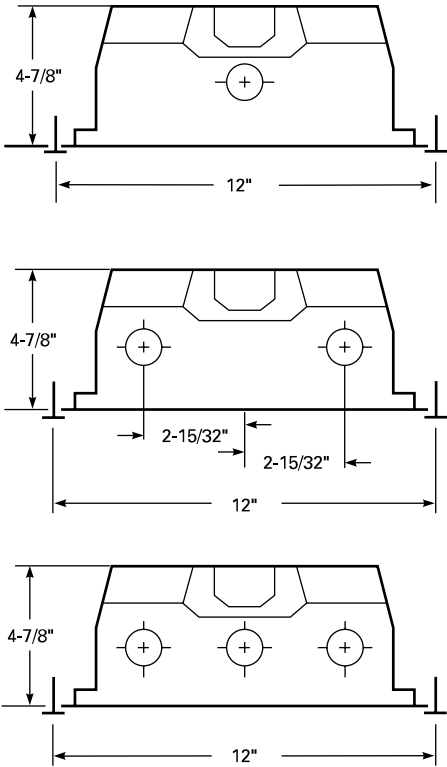
RK1 T20BIT	Hex-base driver bit, Torx TX20, for tamper-resistant screws with center reject pin.
RK1 T20DRV	Torx TX20 screwdriver for use with tamper-resistant screws with center reject pin.

Notes

- Consult factory for screw slot trim.
- Lamps not included as standard. Maybe shipped as an option.
- Not available with 28T5.
- Available with 347V T8 only.
- Must specify voltage. 120 or 277V only. See [PS600DW](#) or [PS1400DW](#) spec sheet for more information.
- Luminaires ordered with the DW option (Example: EL6DW) will bear the UL Emergency Lighting Equipment label for damp or wet locations, depending on the fixture. 900 lumens for T5HO.
- Not available to ship into California, Noncompliant with CA T20. Replace with EL14DW.
- Must specify voltage. Not available with MVOLT.

VRT 1 x 4 Impact-Resistant Diffuser

MOUNTING DATA



Dimensions subject to change without notice.

**Recommended rough-in dimensions for F trim fixtures: 12" x 48" (Tolerance is + 1/4" or -0").
Swing-gate range: 1-1/16" — 3-11/16", span 10-3/4" — 14-3/4".

PHOTOMETRICS

See www.lithonia.com.