

# COOPER LIGHTING - METALUX®



## GC8 SERIES

1' x 4', 2' x 2', 2' x 4'  
Troffer  
2, 3 or 4 Lamp

SPECIFICATION GRADE T8  
RECESSED STATIC  
TROFFER

**GC8**  
T8 DEDICATED LENSED LUMINAIRE

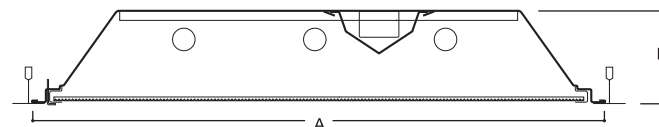
- Optimized for T8 lamps
- Equipped with energy saving ballasts / complies with federal energy efficiency standards
- Innovative design provides superior lens brightness uniformity and visual comfort
- Reinforced flat white steel door or flat and regressed aluminum, mitered corners
- Spring loaded latch
- Min. 90% reflective white enamel finish for superior performance
- Optional "PAF" finish
- Positive light seal
- Die embossed housing
- Four auxiliary fixture end suspension points provided
- Endplate grid-lock feature
- For information on flanged fixture, including ceiling opening size, see Technical Section.
- UL/CUL Listed. Suitable for damp locations.

### DESCRIPTION

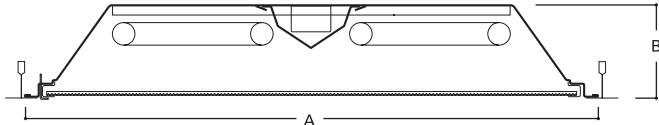
GC8 is a premium grade specification lensed troffer series. This innovative, high quality luminaire is dedicated to the latest T8 lamp and micro electronic ballast technology for optimal performance and energy efficiency. The GC8 is compatible with all of today's popular ceiling systems and is available with a number of options and accessories for application versatility. The GC8 Series features efficiency, quality and performance in a low profile luminaire. The series is an excellent choice for commercial office spaces, schools, hospitals or retail merchandising areas.

### DIMENSIONS

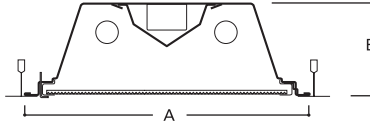
2' x 4'



2' x 2'



1' x 4'



NOMINAL SIZE	A	B
1' x 4'	11-3/4" (298mm)	3-3/4" (95mm)
2' x 2'	23-3/4" (603mm)	3-3/4" (95mm)
2' x 4'	23-3/4" (603mm)	3-3/4" (95mm)

### ORDERING INFORMATION

SAMPLE NUMBER: 2GC8-332-120V-EB81-U

<p>2=2' Width Blank=1' Width</p> <p><b>Trim Type</b> G=Grid/Lay-in - Standard G=Concealed T G=Slot Grid<sup>(1)</sup> F=Flange Trim</p> <p><b>Series</b> C8=Specification T8 Troffer</p> <p><b>Standard</b>=Flat White Steel Door (Leave Blank) <b>FA</b>=Flat White Extruded Aluminum Door <b>RA</b>=3/8" Regressed White Extruded Aluminum Door <b>FAN</b>=Flat Natural Extruded Aluminum Door <b>RAN</b>=3/8" Regressed Natural Extruded Aluminum Door <b>FAB</b>=Flat Black Extruded Aluminum Door <b>RAB</b>=3/8" Regressed Black Extruded Aluminum Door</p>	<p><b>Number of Lamps<sup>(2)</sup></b> 2, 3, or 4 Lamps (Not included)</p> <p><b>Wattage (Length)</b> U6T8=32W (24") 17=17W T8 (24") U1-5/8=31W T8 (24") 32=32W T8 (48") BX40=40W Biaxial (24")</p> <p><b>A</b>=#12 PatternAcrylic (See Lens and Louver Tables for additional shielding options)</p> <p><b>Voltage<sup>(3)</sup></b> 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277<sup>(4)</sup></p> <p><b>Options</b> GL=Single Element Fuse GM=Double Element Fuse Lamps - for lamps installed, see lamp options table Flex - for flex installed, see flex ordering table Emergency - for EM installed, see EM options table<sup>(5)</sup></p>	<p><b>Options</b> (See Options Section)</p> <p><b>Packaging</b> U=Unit Pack PAL=Job Pack, out of carton PALC=Job Pack, in carton</p> <p><b>Ballast Type<sup>(3)</sup></b> Blank=Standard Magnetic Ballast (Biax &amp; 20W) ER8 = T8 Electronic Program Rapid Start. Total Harmonic Distortion &lt; 10% No. of Ballast 1, 2 or 3 EB8 = T8 Electronic Instant Start. Total Harmonic Distortion &lt; 10% No. of Ballast 1, 2 or 3 EB8 / PLUS= T8 Electronic Instant Start. High Ballast Factor &gt;1.13. Total Harmonic Distortion &lt; 20% No. of Ballast 1, 2 or 3 EB5 = T5 Biax Electronic Instant Start. Total Harmonic Distortion &lt; 20% No. of Ballast 1, 2 or 3 TEB5 = T5 Biax Electronic Instant Start. Total Harmonic Distortion &lt; 10% No. of Ballast 1, 2 or 3 DLS=Digital Lighting System Dimming (For complete details on generic or to specify manufacturer's ballast see pg. 469)</p>
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NOTES: <sup>(1)</sup> An EQ Grid Clip is recommended for all 9/16" ceiling systems. <sup>(2)</sup> Standard off-center ballast compartment on 3-lamp fixtures. <sup>(3)</sup> Products also available in non-US voltages and frequencies for international markets. <sup>(4)</sup> Not available when specifying emergencies, voltage must be specific. <sup>(5)</sup> If field installing, battery pack requires larger ballast cover. Enter with EM/BC in fixture catalog number for larger ballast cover.

For complete product data, reference the Fluorescent Specification binder. Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Representative for availability and ordering information.