

DESCRIPTION

The GC Series features a 4-3/4" deep para-contoured White Optics fixture housing, high reflectivity and optimum lamp to lens spacing. The series produces total uniformity of light in the luminous area and is compatible with all of today's popular ceiling systems and is available with a number of options and accessories for application versatility.

The specification luminaire is designed to offer maximum efficiency and performance for today's unique interior specifications. The GC Series is an excellent choice for commercial office spaces, schools, hospitals or retail merchandising areas.

SPECIFICATION FEATURES

Construction

4-3/4" deep, para-contoured housing, die formed, prime cold rolled steel. Die embossed housing has full length die formed stiffeners for added strength. Deep "V" ballast/wireway cover easily removed without tools. Die formed captive lampholder bracket fully encloses lampholder wiring permitting easy lampholder replacement. Heavy endplates are securely attached with interlocking tabs and screws. Four auxiliary fixture end suspension points provided. KO's for continuous row wiring. Endplates have integral Grid-Lock feature for safety and convenience.

Electrical*

Ballasts are CBM/ETL Class "P" and are positively secured by mounting bolts. Pressure lock lampholders. UL/CUL listed. Suitable for damp locations.**

White Optics

97% reflective White Optics material with matching PAF ballast cover to help maximize retrofit kit efficiency, distribution, energy savings and payback.

Hinging/Latching

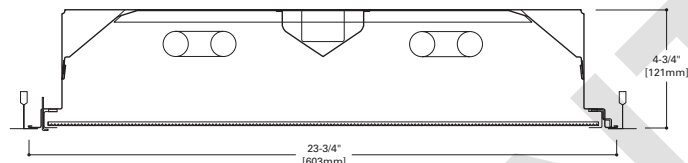
Positive Cam latch with baked enamel finish. Safety-lock T-hinges allow hinging and latching either side.

Frame/Shielding

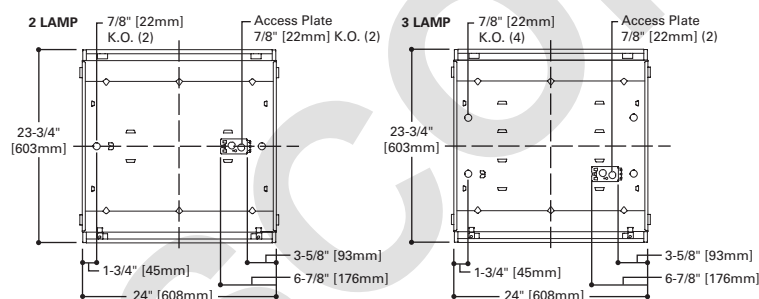
Die formed, heavy gauge, flat steel door with reinforced mitered corners and baked white enamel finish. Positive light seals. Light stabilized 100% virgin acrylic prismatic shielding. Standard #12 pattern. Optional shielding available.

Controls

Fifth Light ballast options are offered for both 0-10V continuous dimming and DALI applications. Combine with energy-saving products like occupancy sensors, daylighting controls, and lighting relay panels from Cooper Controls (www.coopercontrol.com) to maximize energy savings.



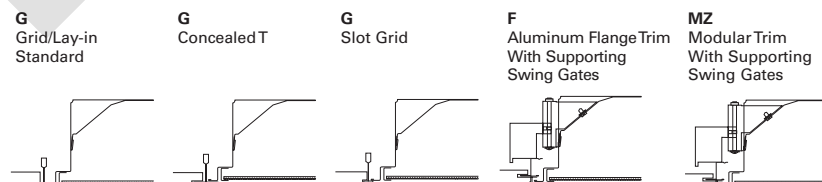
MOUNTING DATA



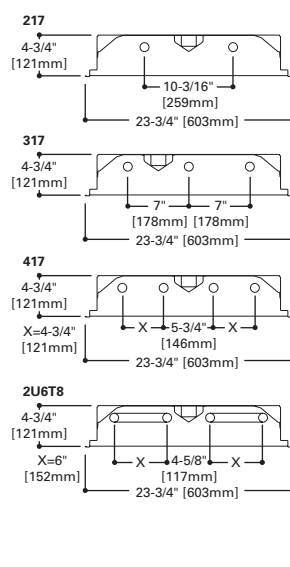
DOOR FRAMES



CEILING COMPATIBILITY



LAMP CONFIGURATIONS



whiteoptics™



IMPROVING LIGHTING EFFICIENCY AND DESIGN

powered by

fifthlight
technology

ENERGY DATA

Input Watts:

EB Ballast & STD Lamps

217 (36), 2U1-5/8 (61), 2U6T8 (61),
317 (56), 3U1-5/8 (88), 417 (63)

Luminaire Efficacy Rating

LER = FL-57

Catalog Number: 2GC-2U6T8

Yearly Cost of 1000 lumens,

3000 hrs at .08 KWH = \$4.21

*Reference the lamp/ballast data in the Technical Section for specific lamp/ballast requirements.
**Consult Pre Sales Technical Support.

LINEAR DISCONNECT

Designed to provide safe and convenient means of disconnecting power



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ORDERING INFORMATION

SAMPLE NUMBER: 2GC-WO-2U6T8A-UNV-EB81-U

Rating Blank = Standard NY =New York City Rated ATW-SW4 = Chicago Rated	White Optics WO =97% Reflective White Optics Finish	Ballast Type EB8 _=T8 Electronic Start. Total Harmonic Distortion < 10% EB8 _/PLUS=T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15. ER8 _=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10% High Performance T8 Ballasts HB8 _=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 – .88 HB8 _L=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 – .82 HB8 _N=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HB8 _H=T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 – 1.20 HR8 _T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 – .88 HR8 _DIM=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88 HR8 _L=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 – .79 HR8 _H=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 – 1.20 0-10V Dimming Ballasts ⁽¹⁰⁾ 5LTV8 _=T8 0-10V Program Rapid Start. Total Harmonic Distortion < 10%. Ballast Factor 0.87 ⁽¹³⁾ 5LTVS8 _=T8 0-10V Spec Grade Program Rapid Start. Total Harmonic Distortion < 10%. Ballast Factor 0.87 ^{(11), (12)} Fifth Light DALI Ballasts ⁽⁷⁾ 5LT8 _=T8 DALI Program Rapid Start. Total Harmonic Distortion < 10%. Ballast Factor 1.0 Number of Ballasts 1=1 Ballast 2=2 Ballasts 3=3 Ballasts	Options RLS =Rotor Lock Socket (T8 Lamp only) 20GA/REP =20 Gauge Housing w/Riveted End Plate PAF =Painted After Fabrication Packaging U =Unit Pack PAL =Palletized Uncartoned Fixtures PALC =Palletized Fixtures in Carton ACCESSORIES EQ-CLIP-U =T-BAR Safety Earthquake Clips ⁽¹⁾
Width 2=2' Width	Number of Lamps ⁽⁶⁾ 2, 3 or 4 lamps Wattage U6T8 =32W T8 (24") ⁽⁸⁾ U17W =17W T8 (24") U15/8 =31W T8 (24") ⁽⁸⁾ Shielding A =#12 Acrylic Pattern A125 =#12 Pattern Acrylic (.125" Thickness) A19/156 =#19 Pattern Acrylic (.156" Thickness) DA =Dropped Dish Matte White Acrylic IMA48 =Injection Molded Acrylic (.150" Thickness) Option – Aluminum Flange Trim ⁽⁵⁾ Blank =SW (Single White) Type Color 'S' Single 'N' Natural 'R' In Row 'W' White 'E' End of Row Voltage ⁽²⁾ 120V =120 Volt 277V =277 Volt 347V =347 Volt UNV =Universal Voltage 120-277 ⁽³⁾ Options GL =Single Element Fuse GM =Double Element Fuse Flex =Flex Installed (Reference Flex ordering information) EL =Emergency Installed ^{(4), (14)}	Trim Type G =Grid/Lay-in (Standard) ⁽¹⁾ G =Concealed T G =Slot Grid F =Aluminum Flange Trim ⁽⁶⁾ MZ =Modular Trim EMZ =Modular Trim (Extended Swing Arm) Series C =Specification Deep Troffer Door Frame Standard =Flat White Steel Door (Leave Blank) FA =Flush White Extruded Aluminum c/w Spring Latch RA =Regressed White Extruded Aluminum (3/8") FAN =Flush Natural Anodized Extruded Aluminum RAN =Regressed Natural Anodized Extruded Aluminum (3/8") FAB =Flush Black Extruded Aluminum RAB =Regressed Black Extruded Aluminum (3/8")	

NOTES: ⁽¹⁾An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture. ⁽²⁾Products also available in non-US voltages and frequencies for international markets. ⁽³⁾Not available when specifying emergencies, voltage must be specific. ⁽⁴⁾Fixtures equipped with "EL" option may require a 5-1/2" housing depth. If installing in field, must use low profile battery pack. ⁽⁵⁾Specify row configuration, type in catalog number when ordering complete fixture. ⁽⁶⁾Standard off-center ballast compartment on 3-lamp fixtures. ⁽⁷⁾For a complete listing of FifthLight Technology products and other solutions from Cooper Controls, visit www.coopercontrol.com. ⁽⁸⁾Fifthlight ballast option not available. ⁽⁹⁾Ballast Factor is 0.88 for 4 lamp 32WT8 fixtures. ⁽¹⁰⁾0-10V ballast do not include DALI feature. Please select DALI ballast for use with Fifth Light system. ⁽¹¹⁾Specification grade 0-10V dimming ballast are NEMA premium and CEE listed. They are compatible with low mercury and energy saving lamps. ⁽¹²⁾Specification Grade 0-10V ballast not offered in 3 or 4-lamp versions. ⁽¹³⁾Standard 0-10V ballast not offered in 3 or 4-lamp versions. ⁽¹⁴⁾Please specify required voltage, 120V or 277V.

Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Solutions Representative for availability and ordering information.

SHIPPING DATA

Catalog No.	Wt.
2GC-WO-217A	19 lbs.
2GC-WO-317A	19 lbs.
2GC-WO-417A	21 lbs.
2GC-WO-2U6T8A	18 lbs.
2GC-WO-2U1-5/8A	18 lbs.
2GC-WO-3U1-5/8A	18 lbs.