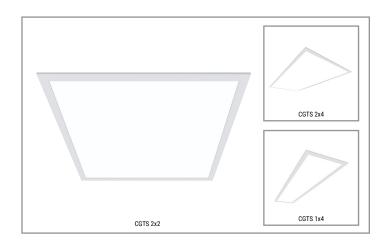
Project	Catalog #	Туре
Prepared by	Notes	Date



## Interactive Menu

- Order Information page 2
- Photometric Data page 4
- Product Warranty

# Offices • Education • Healthcare • Retail

**Typical Applications** 

**Metalux** 

CGTS Selectable Lumens and CCT

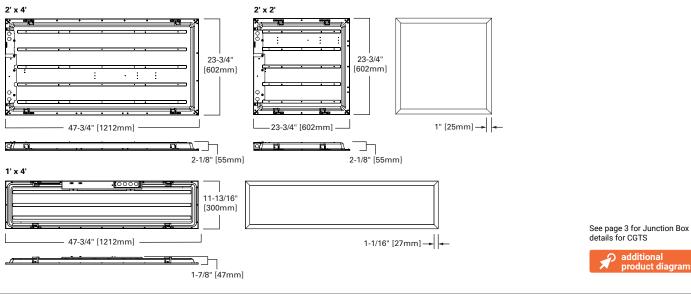
1x4, 2x2, 2x4 LED Backlit Panel



## **Top Product Features**

- Three color temperature and three lumen package choices for use in a variety of applications
- · Selectable switches are located on top of the junction box, for quick adjustment before and after installation
- · Acrylic micro-optics provide uniform illumination across the entire lens
- · Extruded aluminum frame tightly seals to the housing for optimal performance and aesthetics
- · Minimum fixture height ideal for shallow plenum.

## **CGTS** Dimensions





# **CGTS** Ordering Information/Performance

### Default CCT/Lumen Setting: 4000K/Medium

Size	Catalog	UPC	Lumen Setting	сст	CRI (Min)	Delivered Nominal Lumens	Watts	Efficacy (Im/W)
			3500K	80	3271	22.2	147	
		080083282517	Low	4000K	80	3412	21.4	159
				5000K	80	3362	22	153
				3500K	80	4581	32.6	141
1x4	14CGTS-L3C3		Medium	4000K	80	4827	31.3	154
				5000K	80	4679	32.6	144
				3500K	80	4887	37.1	132
			High	4000K	80	5147	35.5	145
				5000K	80	4982	37.1	134
		080083194728	Low	3500K	80	2720	22.0	124
				4000K	80	2826	21.3	133
				5000K	80	2770	21.9	127
			Medium	3500K	80	3681	30.2	122
2x2	2x2 22CGTS-L3C3			4000K	80	3890	28.9	135
				5000K	80	3748	30.1	125
			High	3500K	80	4700	40.6	116
				4000K	80	5063	38.5	132
				5000K	80	4808	40.5	119
		GTS-L3C3 080083194704	Low	3500K	80	3600	27.8	130
	<b>2x4</b> 24CGTS-L3C3			4000K	80	3710	27.1	137
				5000K	80	3651	27.8	131
			Medium	3500K	80	5016	39.7	126
2x4				4000K	80	5241	38.5	136
				5000K	80	5081	39.7	128
			High	3500K	80	6426	52.8	122
				4000K	80	6918	50.7	136
				5000K	80	6648	52.8	126

## CGTS Shipping Data

	1x4	2x2	2x4
Weight (lb.)	9.18	8.3	14.5
Pallet Qty	54	36	20
Pallet Size	53" x 49"		

## CGTS Options

Catalog	Description	Example	Notes
EL7W	7W EM Pack, Installed	22CGTS-L3C3-EL7W	Remote Indicator/Test Switch
EL14W	14W EM Pack, Installed	24CGTS-L3C3-EL14W	Remote Indicator/Test Switch
A3/8-4/18GDIM	6' Length, 3/8" Cable, 2 Wire, 2 Dimming Leads, Ground	24CGTS-L3C3-A3/8-4/18GDIM	
EL7W-A3/8-5/18GDIM EL14W-A3/8-5/18GDIM	7W or 14W EM Pack, Installed, and 6' Flex, 3/8" Cable, 3 Wire, 2 Dimming Leads, Ground	24CGTS-L3C3-EL14W-A3/8-5/18GDIM 22CGTS-L3C3-EL7W-A3/8-5/18GDIM 14CGTS-L3C3-EL7W-A3/8-5/18GDIM	EL7W and EL14W can be used with only 5/18G flex. EM pack is always specified before (to the left of) the flex, in the catalog number.



# CGTS Accessories

### Surface Mounting Options

Catalog No.	Description	UPC	А	В
CGTSURF24	2x4 CGT Surface Mount Kit	080083083107	24-5/8" [625mm]	48-5/8" [1235mm]
CGTSURF22	2x2 CGT Surface Mount Kit	080083083121	24-5/8" [625mm]	24-5/8" [625mm]
CGTSURF14 1x4 CGT Surface Mount Kit 080083083145 12-5/8" [321mm] 48-5/8" [1235mm]				
Consolition Note: Consecons N				

Note: Cannot be used with EL7W or EL14W options.

#### Drywall Frame Kit

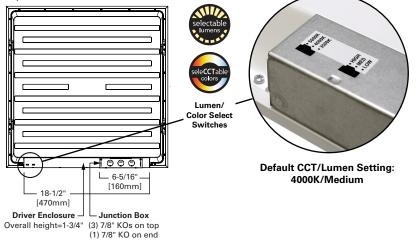
Catalog No.	Description	UPC
DF-24W-U	2x4 dry wall frame kit	662401232970
DF-22W-U	2x2 dry wall frame kit	662401232963
DF-14W-U	1x4 dry wall frame kit	662401232949

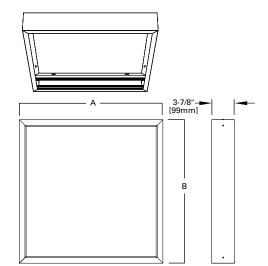
#### Suspension Kit

Catalog	UPC	Description	
FPSUS24-B	080083876686	2 point Y-hanger suspension kit includes sleeved aircraft cable, carabiner, ceiling connection, SO cord, cord connectors and round 4" J-box cover plate	
FPSUS24	080083258895	2 point Y-hanger suspension kit includes aircraft cable, carabiner, ceiling connection, SO cord, cord connectors and round 4" J-box cover plate	
Mounting height from ceiling Min.=7-1/4" [184mm] Max.=27" [286mm]			

## CGTS Driver Enclosure / Junction Box

#### Top View (2' x 2')





## CGTS Product Specifications

#### Construction

- Die-formed steel back plate is post-painted to ensure durability
- Housing is constructed absent of holes
- · Aluminum frame weld and ground, for a seamless appearance

#### Mounting

- · Integral grid clips secure fixture to the ceiling structure
- Junction box constructed of code gauge galvanized steel with access plate
- Multiple 7/8" KO's provided, suitable for up to 12AWG wiring
- · Surface and suspension kits available for use in grid or hard surfaces
- · Factory installed flexible cable with dimming leads available

#### Controls

- Standard UNV 120 277V driver with 0-10V dimming, 10% standard
- Can be used with tile mounted sensor or other remote mount controls
- Selectable driver for three color temperature choices and three lumen package choices

**CGTS** Photometric Data

#### **Electrical**

- CGTS projected lumen maintenance based on TM21 testing standards is >L82@60,000 hours
- Driver rated for FCC part 15 Class B for use in residential or commercial applications
- LEDs are 80 CRI (minimum) and switch to 3500K, 4000K, or 5000K.
- Emergency battery pack options available in 7W and 14W
- Default CCT/Lumen Setting:4000K/Medium

#### **Optical Shielding**

- Acrylic micro-optics enable uniform distribution of LEDs for uniform lens illumination
- Smooth, frosted lens delivers uniform illumination across the entire lens
- · Durable lens with surface texture to minimize scratch and impact damage

#### Certifications

- · cULus listed for 25C ambient environments, indoor applications
- · IC rated for direct insulation contact
- UL damp location listed
- · IESNA LM-79 and LM-80 standards compliant

#### Qualifies as State of California Title 24 high efficiency luminaire

- · FCC part 15 class B (residential) compliant
- DesignLights Consortium® Qualified and classified for DLC standard. Refer to the DLC Qualified Products list at www.designlights.org/QPL to confirm which versions are qualified
- Meets IP5X rating from the room side with no modification needed
- · Fixture is rated for NSF/ANSI standard 2 Light fixture for Splash Zone and Non-Food Zone

#### Warranty

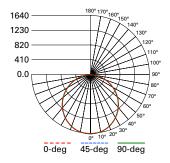
- · Five year standard warranty
- · Extended ten year warranty available

1332 999 666 333 0.0 90-deg 0-deg 45-deg

### 22CGTS-MID-UNV-L840

**Electronic Driver** Linear LED 4000K Spacing criterion: (II) 1.26 x mounting height, ( $\perp$ ) 1.25 x mounting height Lumens: 3890 Input Watts: 28.9W Efficacy: 134.6 LPW Test Report: 22CGTS-MID-UNV-L840.IES

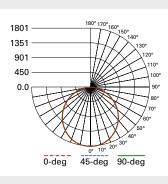




#### 14CGTS-MID-UNV-L840

**Electronic Driver** Linear LED 4000K Spacing criterion: (II) 1.28 x mounting height,  $(\perp)$  1.28 x mounting height Lumens: 4827 Input Watts: 31.3W Efficacy: 154 LPW Test Report: 14CGTS-MID-UNV-L840.IES





Spacing criterion: (II) 1.26 x mounting Test Report: 24CGTS-MID-UNV-L840.IES

**View IES files** 





Cooper Lighting Solutions 1121 Highway 74 South Peachtree City, GA 30269 P. 770-486-4800 www.cooperlighting.com

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Specifications and dimensions subject to change without notice. 24CGTS-MID-UNV-L840 **Electronic Driver** Linear LED 4000K height,  $(\perp)$  1.26 x mounting height Lumens: 5241 Input Watts: 38.5W Efficacy: 136.1 LPW