Project		Catalog #		Type	
Prepared by		**Notes**		**Date**	

2x4

2x2

1x4
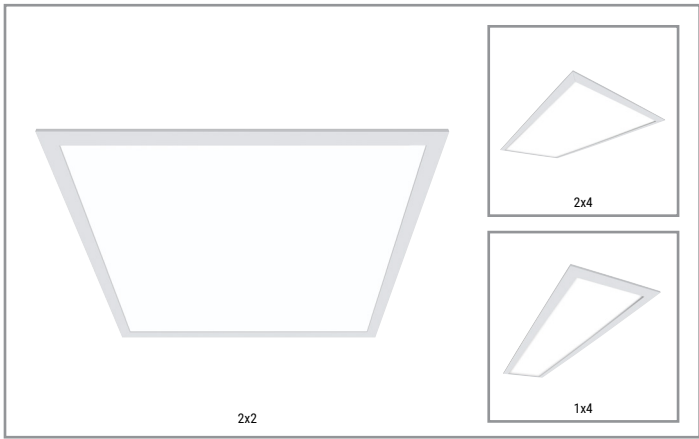
Metalux

CGTS NUV Selectable Lumens and CCT with 120-347V Driver - 2x4/2x2/1x4

LED Backlit Panel
Canada Market Only

Typical Applications
Offices • Education • Healthcare • Retail

Interactive Menu

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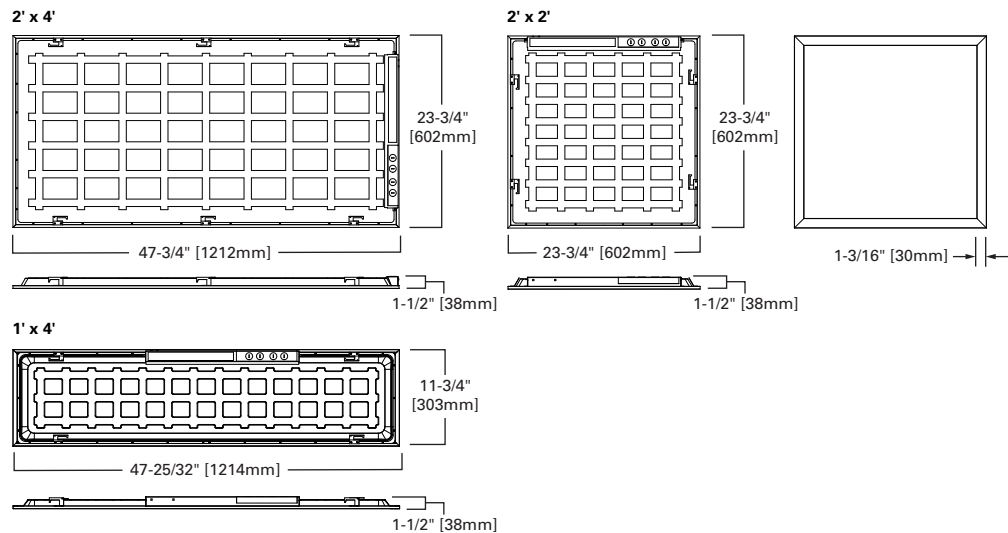- Photometric Data page 4
- Product Warranty

Product Certification

UL CERTIFIED | DLC LISTED PREMIUM | RoHS COMPLIANT | IC RATED | IP5X | Efficiency Standards Can be used to comply with California Title 24 Non-Residential **T24** | damp location

For Canadian Market Only

Top Product Features

- CGTS NUV steel housing is post-painted to increase efficacy, facilitate installation, and inhibit corrosion
- CGTS NUV acrylic micro-optics provide uniform illumination across the entire lens
- CGTS NUV extruded aluminum door frame tightly seals to the housing for optimal performance and aesthetics. Minimum fixture height ideal for shallow plenum.
- CGTS NUV has three color temperature and three lumen package choices for use in a variety of applications
- CGTS NUV selectable switches located on the side of the junction box, for quick and easy adjustment
- NUV 120 - 347V driver with 0-10V dimming, 10% standard

CGTS NUV Dimensions

2' x 4'

23-3/4"
[602mm]

47-3/4" [1212mm]

1-1/2" [38mm]

2' x 2'

23-3/4"
[602mm]

23-3/4" [602mm]

1-1/2" [38mm]

1-3/16" [30mm]

1' x 4'

11-3/4"
[303mm]

47-25/32" [1214mm]

1-1/2" [38mm]

See page 3 for Junction Box details for CGTS NUV

additional product diagrams

CGTS NUV Ordering Information/Performance
Default CCT/Lumen Setting: 5000K/High

Size	Catalog	UPC	Lumen Setting	CCT	CRI (Min)	Delivered Nominal Lumens	Watts	Efficacy (lm/W)
1x4	14CGTS-NUV	080083247806	Low	3500	85	3513	30.5	115
			Low	4000	86	3735	28.8	130
			Low	5000	85	3617	31.0	117
			Medium	3500	85	3934	35.4	111
			Medium	4000	86	4232	33.2	128
			Medium	5000	85	4067	35.9	113
			High	3500	85	4342	40.3	108
			High	4000	86	4712	37.6	125
			High	5000	85	4486	41.0	109
2x2	22CGTS-NUV	080083247837	Low	3500	85	3515	30.2	117
			Low	4000	86	3732	28.7	130
			Low	5000	85	3625	30.5	119
			Medium	3500	85	3953	34.9	113
			Medium	4000	86	4228	33.0	128
			Medium	5000	85	4060	35.3	115
			High	3500	85	4361	39.8	110
			High	4000	86	4676	37.5	125
			High	5000	85	4462	40.3	111
2x4	24CGTS-NUV	080083247851	Low	3500	85	4182	35.0	120
			Low	4000	86	4352	33.6	130
			Low	5000	85	4333	35.1	124
			Medium	3500	85	4612	39.4	117
			Medium	4000	86	4787	37.4	128
			Medium	5000	85	4753	39.2	121
			High	3500	85	5633	50.1	113
			High	4000	86	5962	47.6	125
			High	5000	85	5898	50.3	117

CGTS NUV Shipping Data

	1x4	2x2	2x4
Weight (lb.)	4.7	4.4	8.8
Pallet Qty	75	50	25
Pallet Size (in.)	49x53	30x53	30x53

CGTS NUV Options

Catalog	Description	Example	Notes
A3/8-4/18GDIM	6' Length, 3/8" Cable, 2 Wire, 2 Dimming Leads, Ground	24CGTS-NUV-A3/8-4/18G DIM	

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Regress Frame Ordering Information

Field Assembly Kit

Regress Mount Kit

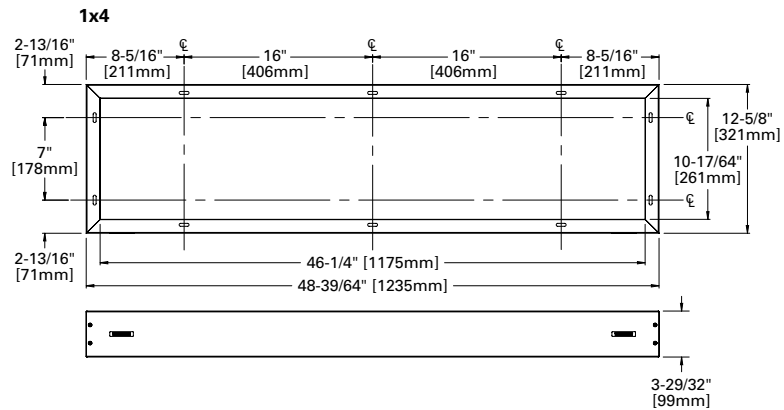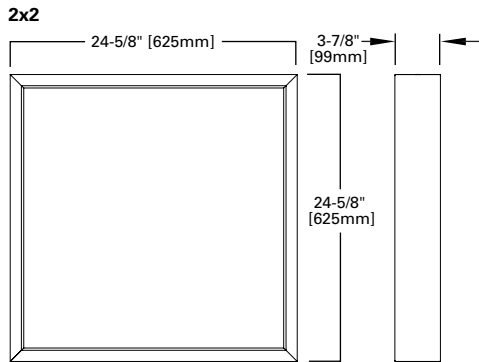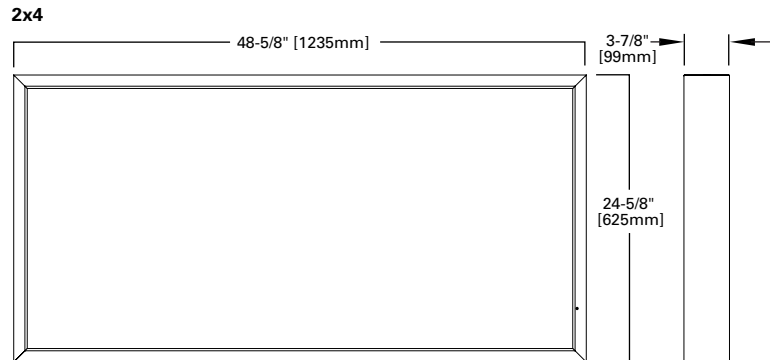| Catalog No.	Description	UPC	Size
RMK2-14-W	1x4 Regress Mount Kit	080083288021	1x4
RMK2-22-W	2x2 Regress Mount Kit	080083287185	2x2
RMK2-24-W	2x4 Regress Mount Kit	080083288007	2x4

Assemble in Field

Luminaire

Kit

2" [51mm]

Ceiling Grid (by others)
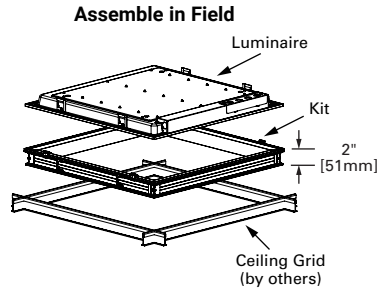
CGTS NUV Accessories

Surface Mounting Options

For project labor savings alternative - reference the Multi-Mount Selectable Panel

Catalog No.	Description	UPC
CGTSURF24	2x4 CGT Surface Mount Kit	080083083107
CGTSURF22	2x2 CGT Surface Mount Kit	080083083121
CGTSURF14	1x4 CGT Surface Mount Kit	080083083145

**Note**: Cannot be used with EL7W or EL14W options.

2x4

48-5/8" [1235mm]
3-7/8" [99mm]
24-5/8" [625mm]

2x2

24-5/8" [625mm]
3-7/8" [99mm]
24-5/8" [625mm]

1x4

2-13/16" [71mm]
8-5/16" [211mm]
16" [406mm]
16" [406mm]
8-5/16" [211mm]
12-5/8" [321mm]
7" [178mm]
10-17/64" [261mm]
2-13/16" [71mm]
46-1/4" [1175mm]
48-39/64" [1235mm]
3-29/32" [99mm]

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
FPSUS2-ML	080083277469	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 NUV Driver Enclosure / Junction Box

Top View (2' x 2')

selectable lumens

seleCCTable colors
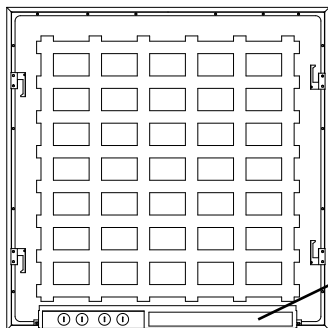
Lumen/ Color Select Switches

Default CCT/Lumen Setting: 5000K/High

CGTS NUV Product Specifications

Construction

- Die-formed steel back plate is post-painted to ensure durability
- Housing is constructed absent of holes
- Aluminum door frame miter cut, and mechanically fastened for a precision fit
- Frame weld and ground, for a seamless appearance

Mounting

- Integral grid clips secure fixture to the ceiling structure
- Accessory CGT EQ clips available to mechanically fasten the clips to the fixture, and the fixture to the ceiling system
- 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. Please note that the Suspension kit will be available in early 2023.
- Factory installed flexible cable with dimming leads available

Controls

- NUV 120-347V 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

Electrical

- CGTS NUV 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 85 CRI (minimum) and switch to 3500K, 4000K, and 5000K

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
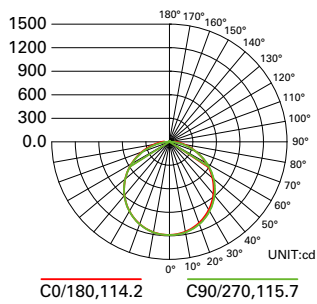
Certifications

- cULus listed for 25C ambient environments, indoor applications
- UL damp location listed
- IC rated for direct insulation contact
- 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 premium. 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

Warranty

- Five year standard warranty
- Extended ten year warranty available

COOPER
Lighting Solutions

a signify business

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.

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Photometric Data
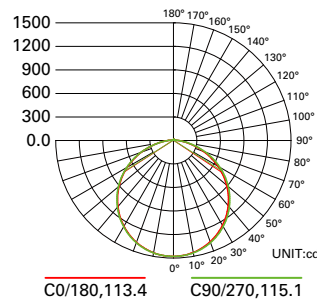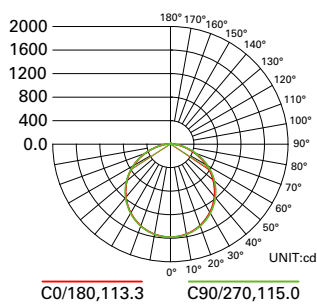
View IES files

14CGTS-NUV-3035C

Electronic Driver

Linear LED 3500K

Spacing criterion: (II) 1.28 x mounting height, (⊥) 1.28 x mounting height

Lumens: 3529

Input Watts: 30W

Efficacy: 119.8 LPW

Test Report: 14CGTS-NUV-3035C.IES

C0/180,114.2   C90/270,115.7
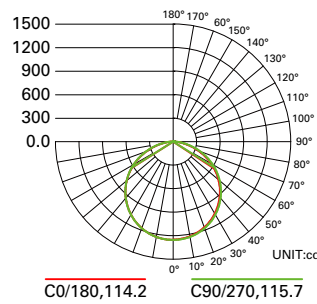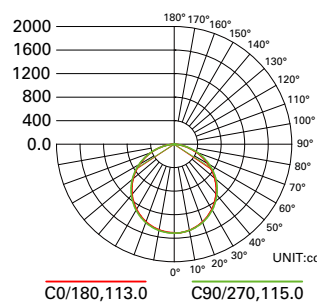

14CGTS-NUV-3040C

Electronic Driver

Linear LED 4000K

Spacing criterion: (II) 1.28 x mounting height, (⊥) 1.28 x mounting height

Lumens: 3716

Input Watts: 30W

Efficacy: 132.1 LPW

Test Report: 14CGTS-NUV-3040C.IES

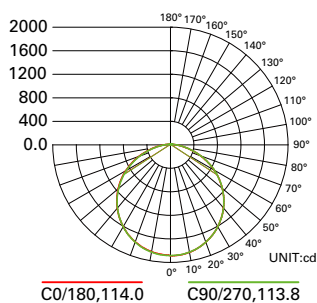C0/180,114.2   C90/270,115.7
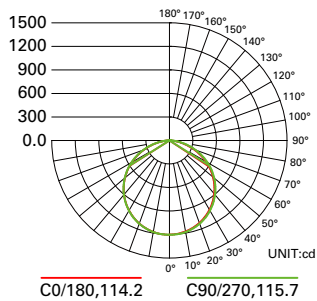
14CGTS-NUV-3050C

Electronic Driver

Linear LED 5000K

Spacing criterion: (II) 1.27 x mounting height, (⊥) 1.28 x mounting height

Lumens: 3568

Input Watts: 30W

Efficacy: 121.8 LPW

Test Report: 14CGTS-NUV-3050C.IES

C0/180,114.2   C90/270,115.7

22CGTS-NUV-4035C

Electronic Driver

Linear LED 3500K

Spacing criterion: (II) 1.27 x mounting height, (⊥) 1.28 x mounting height

Lumens: 4320

Input Watts: 40W

Efficacy: 113.3 LPW

Test Report: 22CGTS-NUV-4035C.IES

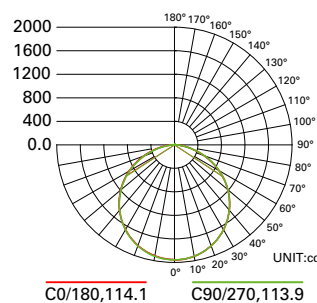C0/180,113.4   C90/270,115.1

22CGTS-NUV-4040C

Electronic Driver

Linear LED 4000K

Spacing criterion: (II) 1.27 x mounting height, (⊥) 1.27 x mounting height

Lumens: 4615

Input Watts: 40W

Efficacy: 126.5 LPW

Test Report: 22CGTS-NUV-4040C.IES

C0/180,113.3   C90/270,115.0
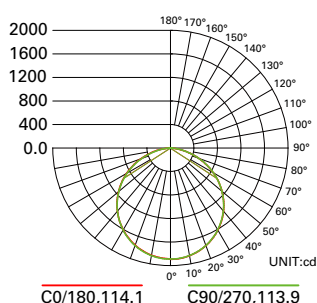

22CGTS-NUV-4050C

Electronic Driver

Linear LED 5000K

Spacing criterion: (II) 1.26 x mounting height, (⊥) 1.27 x mounting height

Lumens: 4386

Input Watts: 40W

Efficacy: 114.7 LPW

Test Report: 22CGTS-NUV-4050C.IES

C0/180,113.0   C90/270,115.0

24CGTS-NUV-5035C

Electronic Driver

Linear LED 3500K

Spacing criterion: (II) 1.27 x mounting height, (⊥) 1.27 x mounting height

Lumens: 5483

Input Watts: 50W

Efficacy: 110.1 LPW

Test Report: 24CGTS-NUV-5035C.IES

C0/180,114.0   C90/270,113.8

24CGTS-NUV-5040C

Electronic Driver

Linear LED 4000K

Spacing criterion: (II) 1.27 x mounting height, (⊥) 1.27 x mounting height

Lumens: 5664

Input Watts: 50W

Efficacy: 119.5 LPW

Test Report: 24CGTS-NUV-5040C.IES

C0/180,114.1   C90/270,113.9

24CGTS-NUV-5050C

Electronic Driver

Linear LED 5000K

Spacing criterion: (II) 1.27 x mounting height, (⊥) 1.27 x mounting height

Lumens: 5469

Input Watts: 50W

Efficacy: 111.3 LPW

Test Report: 24CGTS-NUV-5050C.IES

C0/180,114.1   C90/270,113.9