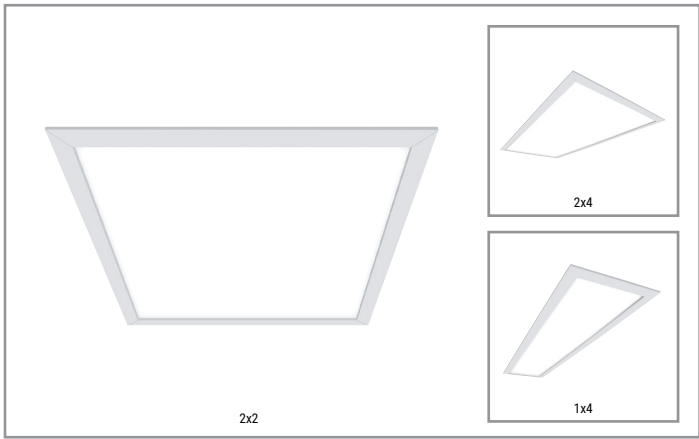


| | | | | | |
|-------------|--|-----------|--|------|--|
| Project | | Catalog # | | Type | |
| Prepared by | | Notes | | Date | |



Interactive Menu

- Order Information [page 2](#)
- Photometric Data [page 4](#)
- Product Warranty

Metalux

CGT

LED Backlit Panel

Typical Applications

Offices • Education • Healthcare • Retail

Product Certification

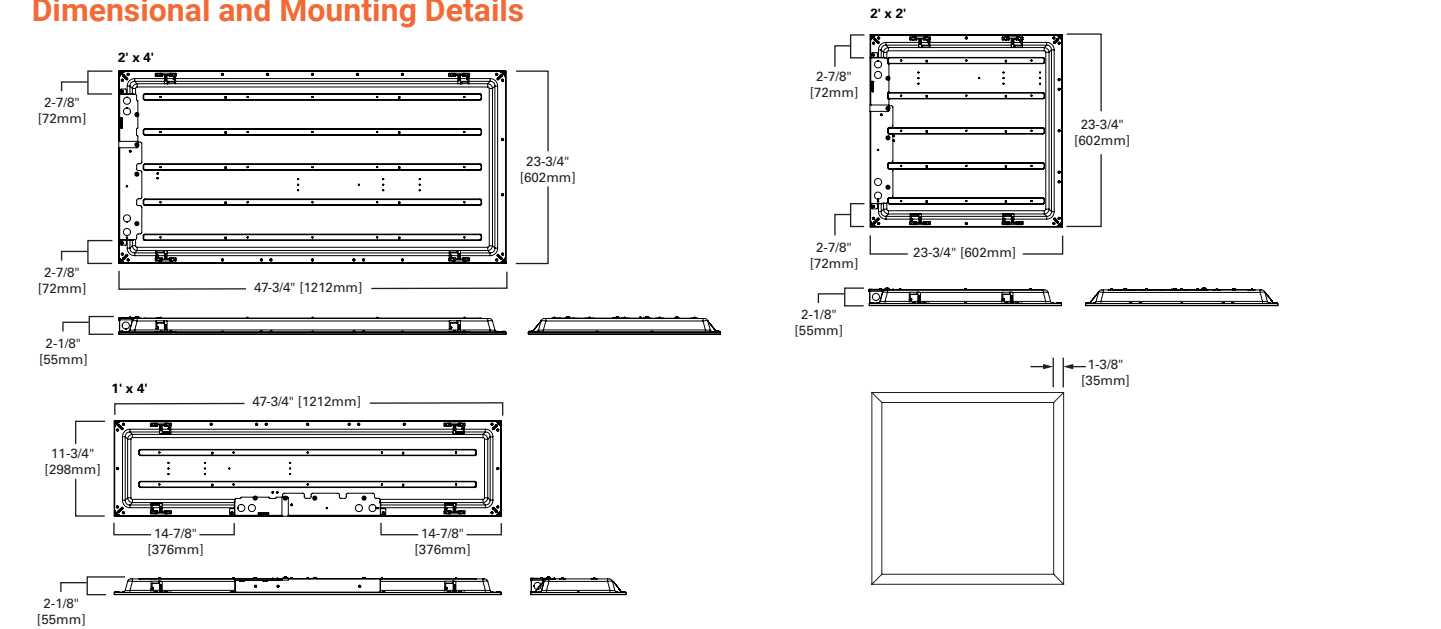
Product Features

damp location

Top Product Features

- Steel housing is post-painted to increase efficacy, facilitate installation, and inhibit corrosion
- Acrylic micro-optics provide uniform illumination across the entire lens
- Extruded aluminum door frame with welded and ground mitered corners, tightly seals to the housing for optimal performance and aesthetics
- 2-1/8" overall height ideal for shallow plenums
- Projected lumen maintenance based on TM21 testing standards is >L84, @60,000 hours

Dimensional and Mounting Details



Ordering Information/Performance

UNV (120-277)

| Catalog | Size | UPC | CCT | CRI (Min) | Delivered Nominal Lumens | Watts | | Efficacy (lm/W) | | Input Current (A) | |
|------------|------|--------------|-------|-----------|--------------------------|-------|------|-----------------|------|-------------------|------|
| | | | | | | 120V | 277V | 120V | 277V | 120V | 277V |
| 14CGT4035C | 1x4 | 080083879526 | 3500K | 80 | 4189 | 39.4 | 38.8 | 106 | 108 | 0.33 | 0.15 |
| 14CGT4040C | | 080083879540 | 4000K | 80 | 4351 | | | 110 | 112 | | |
| 14CGT4050C | | 080083879861 | 5000K | 80 | 4351 | | | 110 | 112 | | |
| 22CGT3535C | 2x2 | 080083880003 | 3500K | 80 | 3449 | 31.4 | 31.7 | 110 | 109 | 0.2 | 0.09 |
| 22CGT3540C | | 080083880027 | 4000K | 80 | 3582 | | | 114 | 113 | | |
| 22CGT3550C | | 080083880041 | 5000K | 80 | 3582 | | | 114 | 113 | | |
| 24CGT4535C | 2x4 | 080083880089 | 3500K | 80 | 4268 | 38.8 | 38 | 110 | 112 | 0.33 | 0.15 |
| 24CGT4540C | | 080083880102 | 4000K | 80 | 4432 | | | 114 | 117 | | |
| 24CGT4550C | | 080083880126 | 5000K | 80 | 4432 | | | 114 | 117 | | |
| 24CGT5535C | | 080083880164 | 3500K | 80 | 5139 | 46.8 | 46.4 | 110 | 111 | 0.39 | 0.18 |
| 24CGT5540C | | 080083880188 | 4000K | 80 | 5337 | | | 114 | 115 | | |
| 24CGT5550C | | 080083880201 | 5000K | 80 | 5337 | | | 114 | 115 | | |

* All SKUs stocked in multiple North American DC's.

347V

| Catalog | Size | UPC | CCT | CRI (Min) | Delivered Nominal Lumens | Watts | Efficacy (lm/W) | Input Current (A) |
|----------------|------|--------------|-------|-----------|--------------------------|-------|-----------------|-------------------|
| 14CGT4035C-347 | 1x4 | 080083880249 | 3500K | 80 | 4190 | 39.9 | 105 | 0.11 |
| 14CGT4040C-347 | | 080083880263 | 4000K | 80 | 4351 | | 109 | |
| 14CGT4050C-347 | | 080083880287 | 5000K | 80 | 4351 | | 109 | |
| 22CGT3535C-347 | 2x2 | 080083880409 | 3500K | 80 | 3449 | 32.6 | 106 | 0.09 |
| 22CGT3540C-347 | | 080083880423 | 4000K | 80 | 3582 | | 110 | |
| 22CGT3550C-347 | | 080083880454 | 5000K | 80 | 3582 | | 110 | |
| 24CGT4535C-347 | 2x4 | 080083880492 | 3500K | 80 | 4268 | 37.9 | 113 | 0.11 |
| 24CGT4540C-347 | | 080083880515 | 4000K | 80 | 4432 | | 117 | |
| 24CGT4550C-347 | | 080083880539 | 5000K | 80 | 4432 | | 117 | |
| 24CGT5535C-347 | | 080083880577 | 3500K | 80 | 5139 | 46.7 | 110 | 0.13 |
| 24CGT5540C-347 | | 080083880591 | 4000K | 80 | 5337 | | 114 | |
| 24CGT5550C-347 | | 080083880614 | 5000K | 80 | 5337 | | 114 | |

* All SKU's stocked at Canada DC(s). 347V SKUs not available at Elk Grove Village.

Options

| Catalog | Description | Example | Notes |
|----------------------|--|---|--|
| EL7W ⁽¹⁾ | 7W EM Pack, Installed | 22CGT3540-EL7W | Remote Indicator/Test Switch |
| EL14W ⁽¹⁾ | 14W EM Pack, Installed | 14CGT4040C-EL14W | Remote Indicator/Test Switch |
| A3/8-4/18GDIM | 6' Length, 3/8" Cable, 2 Wire, 2 Dimming Leads, Ground | 24CGT4535C-A3/8-4/18G DIM | |
| ELxW-A3/8-5/18GDIM | 7W or 14W EM Pack, Installed, and 6' Flex, 3/8" Cable, 3 Wire, 2 Dimming Leads, Ground | 14CGT4050C-EL14W-A3/8-5/18GDIM 22CGT3535C-EL7W-A3/8-5/18GDIM | EL7W and EL14W can only be used with A3/8-5/18G flex |

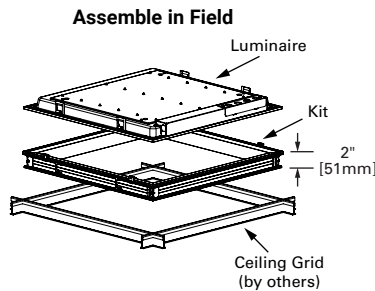
Notes: (1) Factory installed with remote test switch/indicator/laser test. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 7=700 lumens). IES-format photometry for luminaire under emergency operation available. Battery option increases total height by 1 inch.

Regress Frame Ordering Information

Field Assembly Kit

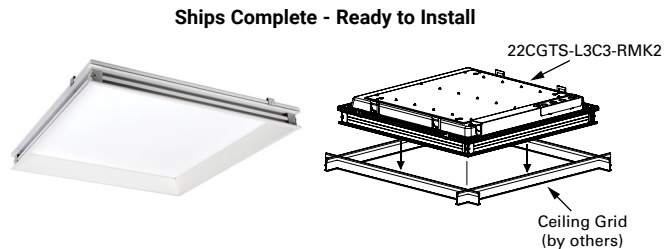
Regress Mount Kit

| 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 |



Factory Installed with Luminaire

| Catalog | Description | Example | Notes |
|---------|--|-----------------|-------------------------|
| -RMK2 | 1x4, 2x2 or 2x4 assembled together with luminaire. Ships as one unit – Regress frame and Fixture | 24CGT5535C-RMK2 | Fits CGTS, CGT, FPS, FP |



Accessories

Surface Mount Kit For project labor savings alternative - reference the [Multi-Mount Selectable Panel](#)

| Catalog No. | Description | UPC | A | B |
|-------------|---------------------------|--------------|-----------------|------------------|
| 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] |

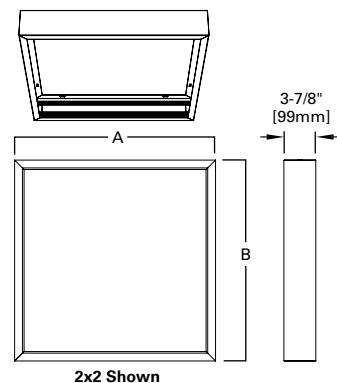
Note: Cannot be used with EL7W or EL14W options.

Suspension Kit

| Catalog | UPC | Description |
|-----------|--------------|---|
| FPSUS24-B | 080083876686 | Y-hanger suspension kit, sleeved cable with carabiner, SO cord, connectors and round 4" J-box cover plate |
| FPSUS24 | 080083258895 | Y-hanger suspension cable kit with carabiner, SO cord, connectors and round 4" J-box cover plate |

Mounting height from ceiling
Min. = 7-1/4" [184mm]
Max. = 27" [286mm]

Surface Mount Kit Dimensions



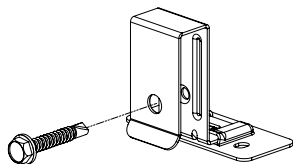
Drywall Frame Kit

| Catalog No. | Description | UPC |
|-------------|------------------------|---------------|
| DF-24W-U | 2x4 dry wall frame kit | 0662401232970 |
| DF-22W-U | 2x2 dry wall frame kit | 0662401232963 |
| DF-14W-U | 1x4 dry wall frame kit | 0662401232949 |

Ceiling Retention

| Catalog | UPC |
|---------|--------------|
| CGTEQ | 080083083084 |

Required by some local codes. Order one set for each fixture (Four clips per kit)



Shipping Data

| | 1x4 | 2x2 | 2x4 |
|-----------------------|-----------|-----------|------|
| Product Weight (lb.) | 7.3 | 6.8 | 11.9 |
| Packaged Weight (lb.) | 8.4 | 8.4 | 14.5 |
| Pallet Qty | 54 | 36 | 18 |
| Pallet Size | 52" x 40" | 53" x 49" | |

Load Data

| | |
|-----|----------|
| THD | <15% THD |
| PF | >.94 PF |

Product Specifications

Construction

- Robust die-formed steel back plate is post-painted to ensure durability
- Housing is absent of holes to resist debris/bug intrusion
- Aluminum door frame with mitered corners, tightly fastened to the housing

Mounting

- Integral grid clips provided and include suspension / wire retention features
- Grid clip includes fold up hang points. Use FPSUS24 or other desired suspension methods for direct suspension
- "Earthquake clip" accessories available
- Junction box constructed of code gauge galvanized steel with access plate
- Multiple Trade size KO provided and JBox is suitable for up to 12AWG wiring
- Surface and suspension kits available for use in grid or hard surfaces
- Factory installed flexible with dimming leads available

Controls

- Standard UNV 120 - 277V driver with 0-10V dimming, 10% standard
- Optional 347V driver with 0-10V dimming driver
- Can be used with tile mounted sensor or other remote mount controls

Electrical

- Projected lumen maintenance based on TM21 testing standards is >L84 @60,000 hours
- Driver rated for FCC part 15 Class B for use in residential or commercial applications
- LEDs are 80 CRI (minimum) and available in 3500K, 4000K, and 5000K CCT

Emergency Options

- 120V-277V integral emergency battery pack comes in 7-watts or 14-watts
- Constant power to the LED system for controlled, predictable discharge
- Remote indicator test switch
- Min. 90-minute backup period for code compliance

Optical Shielding

- Acrylic micro-optics enable uniform distribution of the LEDs for uniform lens illumination
- Frosted lens with smooth pattern delivers uniform illumination across the entire lens
- Durable lens with surface texture to minimize scratch and impact damage

Regress Frame

- Factory installed option available for ship complete, single unit to speed install. See fixture ordering logic
- Fits CGTS, CGT, FPS, and FP. Consult factory for additional luminaire choices
- Extruded aluminum frame with miter corners at 2" nominal height
- Regress kit does not alter design or construction of luminaire
- Accessory kit also available

Compliance

- cULus listed for 25C ambient environments, indoor applications
- IC rated for direct insulation contact
- Damp location listed
- IESNA LM-79 and LM-80 standards compliant
- DesignLights Consortium® Qualified and classified for DLC Standard, refer to www.designlights.org for details.
- Suitable for State of California Title 24 high efficacy luminaire
- FCC part 15 class B (residential) compliant
- 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 warranty
- Extended warranty to 10 years available

Photometric Data

 [View IES files](#)

