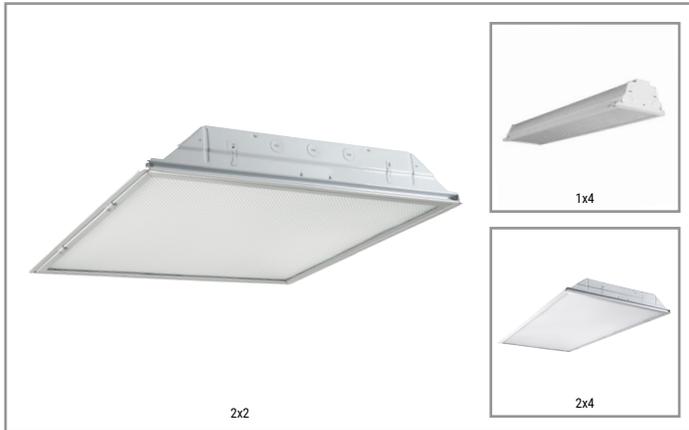


Project		Catalog #		Type	
Prepared by		Notes		Date	



Metalux

GRLED Selectable

Selectable Lumens and CCT Troffer
For Use in Insulated Ceilings

Typical Applications

• Office • Schools • Residential • Hospitals • Retail Merchandising Areas

Product Certification



Product Features



Interactive Menu

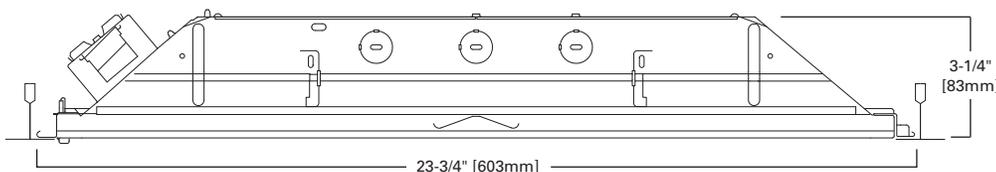
- Order Information [page 2](#)
- Photometric Data [page 4](#)
- Energy and Performance Data [page 5](#)
- Product Warranty

Top Product Features

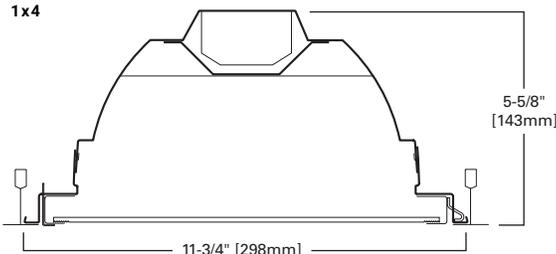
- Available in 2' x 4', 2' x 2' and 1' x 4' recessed versions
- Design friendly with (3) selectable color temperatures and (3) selectable lumen packages
- Up to 174 lm/W for maximum energy savings
- Room-side access for easy installation and maintenance
- Standard 0-10V continuous dimming driver
- Options to meet Build America, Buy America, Buy American and other domestic preference requirements

Dimensional and Mounting Details

2x2 / 2x4



1x4



[additional product diagrams](#)

Order Information SAMPLE ORDER NUMBER: 22GRSCT3-F1-UNV

Domestic Preferences ⁽¹⁾	Rating	Width/Length	Series/ Trim ⁽³⁾	Door Frame	Shielding
[Blank] =Standard BAA =Buy American Act TAA =Trade Agreements Act BABAF =FHWA and FTA projects funded through October 1, 2026	[Blank] =Standard ATW-SW4 =Chicago Rated	24 =2' x 4' 22 =2' x 2' 14 =1' x 4'	GRSCT3 =General Purpose Selectable Lumen/CCT Troffer ⁽²⁾	Standard =Flat White Steel Door (Leave Blank) ⁽⁴⁾ FA =Flush White Extruded Aluminum c/w Spring Latch RA =Regressed White Extruded Aluminum FAN =Flush Natural Anodized Extruded Aluminum RAN =Regressed Natural Anodized Extruded Aluminum FAB =Flush Black Extruded Aluminum RAB =Regressed Black Extruded Aluminum	F1 =Pattern 12, Frosted Acrylic, 0.095" thick F125 =Pattern 12, Frosted Acrylic, 0.125" thick A =Pattern 12, Clear Acrylic, 0.095" thick A125 =Pattern 12, Clear Acrylic, 0.125" thick A19/156 =Pattern 19, Clear Acrylic, 0.156" thick ⁽⁵⁾ FGW080 =Frosted Smooth Acrylic, 0.080" thick A/WG =0.095" Pattern 12 Clear Acrylic Lens, with Wireguard directly below lens
Notes (1) Only product configurations with these prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or the Build America Buy America Act (BABA). BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. BABAF designates the product will meet the standards set for FHWA and FTA. As noted, these must be funded by October 1, 2026. Please refer to DOMESTIC PREFERENCES website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.			Notes (2) Grid/Lay-in is standard, fits Concealed T and Slot Grid. (3) An EQ Grid Clip is recommended for all 9/16" ceiling systems. Selectable Lumens (See table on pg. 4 for details) 1x4-38/48/61 2x2-38/48/61 2x4-38/50/62 Selectable Color 3000K/3500K/4000K	Notes (4) Only Standard door frames can support wireguard accessory.	Notes (5) A19/156 lens creates holographic effect on the surface of the lens.

Voltage	Emergency	Flex ⁽⁸⁾	Driver Type
UNV =Universal Voltage 120-277	EL7W =7-watt 120V-277V emergency battery pack ⁽⁶⁾ EL10W =10-watt 120V-277V emergency battery pack ⁽⁶⁾ EL14W =14-watt 120V-277V emergency battery pack ⁽⁶⁾ EL10WSD =10W emergency battery pack with self-diagnostic installed ⁽⁶⁾ EL14WSD =14W emergency battery pack with self-diagnostic installed ⁽⁶⁾ ETRD =Emergency Transfer Relay with dimming control ⁽⁷⁾	[Blank] =Standard Dimming Flex A3/8-4/18GDIM =Flex, hot, neutral, ground, 2 dimming leads A3/8-5/18GDIM =Flex, 2 hots, neutral, ground, 2 dimming leads Non-Dimming Flex A3/8-2/18G =Flex, hot, neutral, ground A3/8-3/18G =Flex, 2 hots, neutral, ground	[Blank] =Standard (0-10V Driver, 10%-100%)
	Notes (6) Factory installed with integral 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. (7) Used to bypass local control during outage. Must be used in conjunction with UL 1008 device (provided by others). ETRD option only requires one relay when used on a dimming fixture.	Notes (8) Multiple options available in online configurator. See additional notes on Flex below. Flexible Metal Conduit Options Flex options available for 0-10V dimming control, emergency and night light functions. 72-inch factory-installed and pre-wired to driver, fitted to luminaire housing access plate with 90° enclosed FMC connector. Not all options may be combined and installation ratings vary by type.	

Options	Integrated Sensing Systems	Packaging	Accessories ⁽¹⁴⁾
PAF =Painted After Fabrication G1 =Gasket, Door Frame and Housing G2 =G1 plus Gasket between Lens and Door G3 =G1 and G2 plus Gasketing on Mounting Surface of Fixture Trims ^{(9), (10)}	[Blank] =No Sensor WLS (formerly WAB) =WaveLinX LITE Wireless Sensor, Occupancy w/ photocell, Independent & Networked ^{(12), (B)} WPS (formerly WAA) =WaveLinX PRO Wireless Sensor, Occupancy w/ photocell, Networked ^{(15), (A)} WPN =WaveLinX PRO Wireless Control Node, without sensor ^{(11), (A)}	[Blank] =Unit Pack PAL =Job Pack, out of carton PALC =Job Pack, in carton	EQ-CLIP-U =T-BAR Safety Earthquake Clips ⁽¹³⁾ DF-14W-U =1' x 4' Drywall Frame Kit DF-22W-U =2' x 2' Drywall Frame Kit PALC =Job Pack, in carton SK-14-WT =1' x 4' Tall Surface Mount Kit SMK-22-W =4" Tall Surface Mount Kit, 2' x 2' SMK-24-W =4" Tall Surface Mount Kit, 2' x 4'
Notes (9) Gasketing only available with aluminum door frame. (10) Gasketing minimum .125.	Notes (11) WPS sensor and WPN node to be used with CD, HCD or W2A driver. (12) WLS sensor to be used with CD or HCD driver. Integrated options must be used in conjunction with the associated system and may not be compatible with other options or accessories. Please refer to the following: (A) Consult WaveLinX PRO system pages for additional details and compatibility. (B) WaveLinX LITE devices are not currently compatible with the WaveLinX Wireless Area Controller. Consult WaveLinX LITE system pages for additional details and compatibility.		Notes (13) An EQ Grid Clip is recommended for all 9/16" ceiling systems. (14) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

Product Specifications

Construction

- Rigid housing is die formed of code gauge prime cold rolled steel
- Full length die-formed stiffeners and unibody endplate for added strength
- Innovative design provides superior lens brightness, uniformity and visual comfort
- Unibody endplates are securely attached with interlocking tabs and screws
- Four auxiliary fixture end suspension points provided
- Endplates have integral Grid-lock feature for safety and convenience

Controls

- Standard with 0-10V dimming driver
- WaveLinX wireless sensor compatible for standalone, controlled, connected, and IoT capability

Driver and CCT/Lumen Select

- Selectable switches secured behind housing reflector for easy access
- Service from below, room-side accessibility
- Easy install and maintenance with door assembly

LED and Light Engine

- Selectable Color temperature choices 3000K, 3500K, and 4000K
- Selectable lumen output choices of low, medium, high
- TM21 life at 60,000 hours up to L90 and calculated L70 exceeds 185,000 hrs.
- Driver 120-277V Standard
- Default CCT/Lumen setting is 4000K and Medium Power

Emergency Battery Pack Option

- 120V-277V integral emergency battery pack comes in 7, 10 or 14 watts
- Self-diagnostic emergency battery available in 10 or 14-watts (NFPA 101® Life Safety Code®)
- Constant power to the LED system for controlled, predictable discharge
- Integrated test switch/indicator light visible from floor
- Min. 90-minute backup period for code compliance
- Integral emergency transfer relay available for generator equipped power systems

Door Frame / Optical Lens

- Die formed, flat steel door with frosted #12 pattern acrylic prismatic lens
- Primary stocking skus come standard with robust .095 thick lens
- Other options available for maximum versatility
- Replacement lenses available, contact factory

Compliance

- IC rated for insulation contact
- cULus listed for damp locations
- RoHS compliant, 2' x 2' and 2' x 4' only
- Tested to IESNA LM-79 and LM-80
- Stated life per TM21 standards

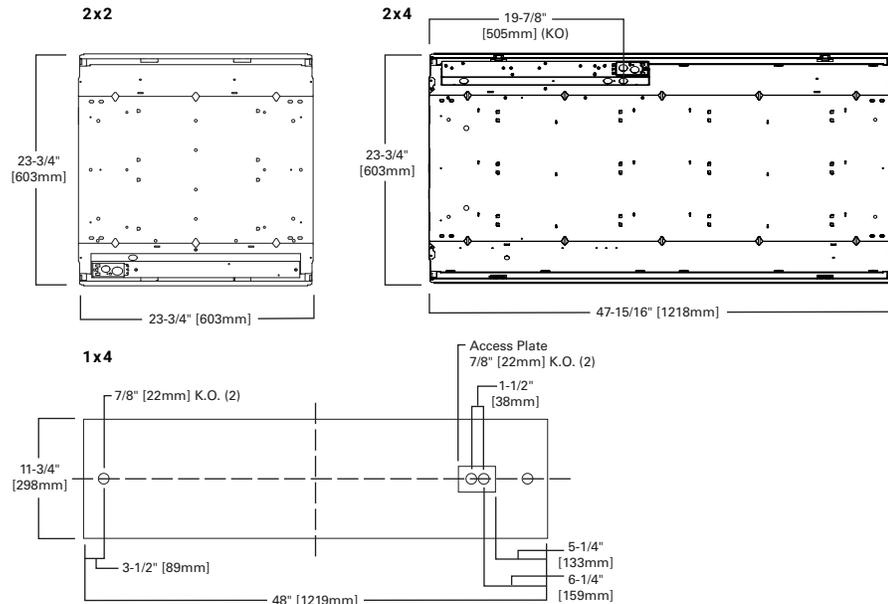
BABA Domestic Preference Compliance

- FHWA and FTA agencies are utilizing their BAA rules for BABA compliance. Cooper's products with a BAA designation are manufactured in the US and utilize a BAA COTS exemption rule for compliance. To verify a configured product with specific accessories and options meet BABA Domestic Preference Requirements; submit this catalog number to Cooper Lighting Quotation team for validation by our Engineering and Manufacturing teams. Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

Warranty

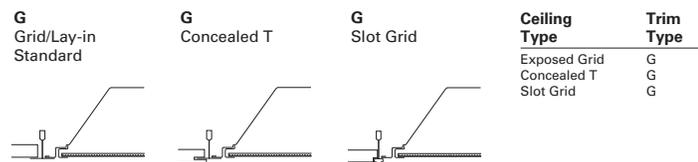
- Limited five-year limited warranty

Dimensional and Mounting Details

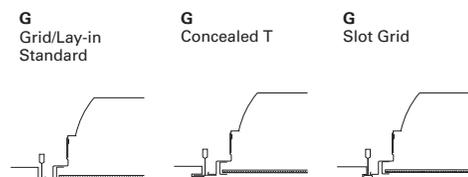


Ceiling Compatibility

2x2 / 2x4



1x4



Door Frames

2x2 / 2x4

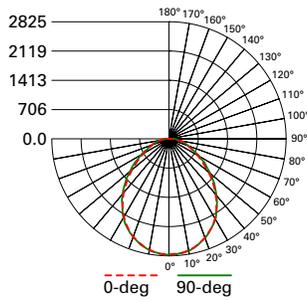


1x4

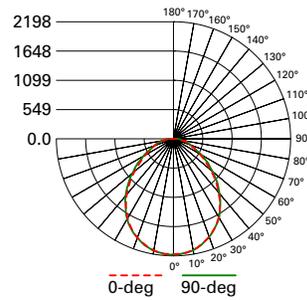


Photometric Data

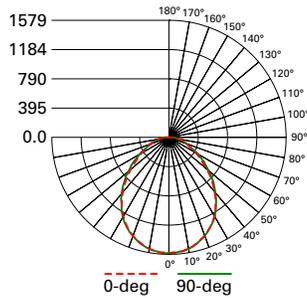
[View IES files](#)



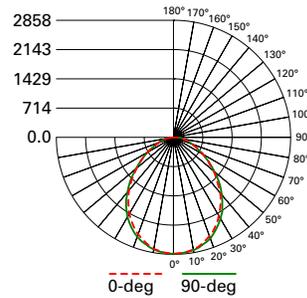
24GRSCT3-F1-UNV HIGH 3500K
 Electronic Driver
 Linear LED 4000K
 Spacing criterion: (H) 1.20 x mounting height, (L) 1.28 x mounting height
 Lumens: 6464
 Input Watts: 43.5W
 Efficacy: 149 lm/W
 Test Report:
 24GRSCT3-F1-UNV-HIGH-3500K.IES



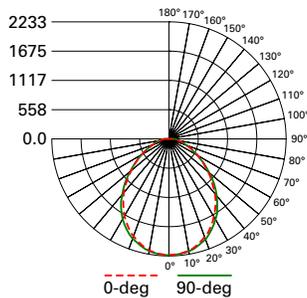
24GRSCT3-F1-UNV MED 3500K
 Electronic Driver
 Linear LED 4000K
 Spacing criterion: (H) 1.20 x mounting height, (L) 1.28 x mounting height
 Lumens: 5028
 Input Watts: 33.3W
 Efficacy: 151 lm/W
 Test Report:
 24GRSCT3-F1-UNV-MID-3500K.IES



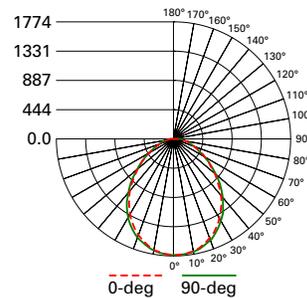
24GRSCT3-F1-UNV LOW 3500K
 Electronic Driver
 Linear LED 4000K
 Spacing criterion: (H) 1.20 x mounting height, (L) 1.68 x mounting height
 Lumens: 3613
 Input Watts: 23.6W
 Efficacy: 153 lm/W
 Test Report:
 24GRSCT3-F1-UNV-LOW-3500K.IES



22GRSCT3-F1-UNV HIGH 3500K
 Electronic Driver
 Linear LED 3500K
 Spacing criterion: (H) 1.16 x mounting height, (L) 1.20 x mounting height
 Lumens: 6515
 Input Watts: 48.6W
 Efficacy: 134 lm/W
 Test Report:
 22GRSCT3-F1-UNV-HIGH-3500K.IES



22GRSCT3-F1-UNV MED 3500K
 Electronic Driver
 Linear LED 3500K
 Spacing criterion: (H) 1.16 x mounting height, (L) 1.20 x mounting height
 Lumens: 5091
 Input Watts: 36.6W
 Efficacy: 139 lm/W
 Test Report:
 22GRSCT3-F1-UNV-MID-3500K.IES



22GRSCT3-F1-UNV LOW 3500K
 Electronic Driver
 Linear LED 3500K
 Spacing criterion: (H) 1.16 x mounting height, (L) 1.20 x mounting height
 Lumens: 4045
 Input Watts: 28.6W
 Efficacy: 141 lm/W
 Test Report:
 22GRSCT3-F1-UNV-LOW-3500K.IES



Energy and Performance Data

Size	Catalog Number	Lumen Setting	CCT	CRI (Min)	Delivered Nominal Lumens	Watts	Efficacy (lm/W)
2X2	22GRSCT3-A-UNV	Low	3000K	80	3781	29.5	128
			3500K		4045	28.6	141
			4000K		3981	29.5	135
		Medium	3000K		4707	38.1	124
			3500K		5091	36.6	139
			4000K		4929	38	130
		High	3000K		5910	50.9	116
			3500K		6515	48.6	134
			4000K		6202	50.9	122
2X4	24GRSCT3-A-UNV	Low	3000K	80	3500	24.3	144
			3500K		3656	23.6	155
			4000K		3675	24.1	152
		Medium	3000K		4830	34.4	140
			3500K		5087	33.3	153
			4000K		5110	34.2	149
		High	3000K		6159	45.5	135
			3500K		6540	44.5	147
			4000K		6516	45.2	144
1X4	14GRSCT3-A-UNV	Low	3000K	80	3801	30.4	125
			3500K		4093	29.1	141
			4000K		4023	30.3	133
		Medium	3000K		4692	39.4	119
			3500K		5128	37.5	137
			4000K		4972	39.2	127
		High	3000K		5858	53.2	110
			3500K		6557	50.0	131
			4000K		6218	52.9	118

Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
25°C	> 89%	> 185,000

Lens Table

Approximate Lumen Factor		
Lens Type	1x4, 2x2	2x4
A	1.00	1.00
F1	1.00	0.99
F125	1.00	0.99
A125	1.01	0.99
A19/156	0.98	0.96
FGW080	0.80	0.86

Shipping Data

Catalog Logic	Wt.	Pallet Qty.
24GRSCT3	20 lbs.	28
22GRSCT3	10 lbs.	56
14GRSCT3	10 lbs.	24

Control Solutions

- WaveLinX LITE wireless
- WaveLinX PRO wireless
- WaveLinX CAT wired
- WaveLinX Wired

