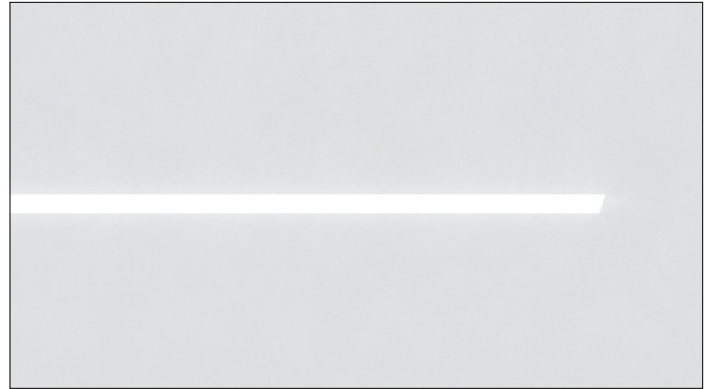


3G LIGHTING

3G-2RLI

2" RECESSED LINEAR



Narrow 2" aperture with one piece extruded aluminum housing
 Individual or continuous runs available in multiple run configurations
 Suitable for drywall, wood, grid ceiling, and other architectural ceiling applications
 LED system with performance up to 139 lumens per watt
 Extruded acrylic lens available in flush, 1" and 2" drop lens options
 Asymmetric optics available
 1% dimming standard with several driver options



PROJECT:		TYPE:	
CATALOG#:		DATE:	QTY:

CAT. NO	LUMEN OUTPUT	CRI	COLOR TEMP	VOLTAGE
3G-2RLI	D250 - 250 LM/FT ¹ D500 - 500 LM/FT D750 - 750 LM/FT D1000 - 1000 LM/FT DC__ - CUSTOM OUTPUT (SPECIFY LM/FT) * <small>*Specify custom lumen outputs in 50lm increments (ie: DC600, DC650, DC700) - Custom output cannot exceed D1000 DLC minimum lumen output is 500 lm/ft</small>	S80 - 80+ CRI ² H90 - 90+ CRI <small>*DLC listing available with 80CRI</small>	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K <small>*DLC listing available with 35K</small>	UNV - 120/277V 347 - 347V ³

DRIVER	FLANGE TYPE	LENS OPTION	OPTIONS
DIM - 0-10V (100-1%) DO1 - 0-10V (100-0.1%) DALI - DALI (100-1%) ⁴ DHL2 - LUTRON HI-LUME LDE1 (1% ECOSYSTEM) DMX - DMX (100-0%)	WT - WHITE TRIM FLANGE XTR - TRIMLESS (MUD-IN DRYWALL) FX - FLANGELESS GCX - GRID CEILING* (UNIVERSAL MOUNT) <small>*Universal mounting brackets used for all grid ceiling types only. See mounting section for details</small>	FL - FLUSH LENS DD1 - 1" DROP LENS ⁵ DD2 - 2" DROP LENS ⁵ DASY - ASYMMETRIC LENS	EMB - EMERGENCY BATTERY* (INTEGRAL) EMC - EMERGENCY CIRCUIT MC2 - MULTIPLE CIRCUITS (2 ZONES) MC3 - MULTIPLE CIRCUITS (3 ZONES) CP - CHICAGO PLENUM <small>*Minimum 4' section</small>

RUN TYPE
S - ____' (STRAIGHT) * L - ____'X ____' (L-SHAPE) U - ____'X ____'X ____' (U-SHAPE) R - ____'X ____' (RECTANGLE/SQUARE) T - ____'X ____' (T-SHAPE) X - ____'X ____' (X-SHAPE) CUS - ____ (CUSTOM LAYOUT - PROVIDE DRAWING) <small>*Individual units available from 2' to 8' Continuous runs available in 1" increments as standard</small>

1 D250 (250LM/FT) not available in 2' length with DALI, DO1, DMX, or DHL2. Specify minimum DC350 for those driver options
 2 S80 (80+ CRI) not available with 27K
 3 347 available in "DIM" 0-10V only (100-1%)
 4 DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options
 5 DD1 (1" drop lens) and DD2 (2" drop lens) available with straight run type only

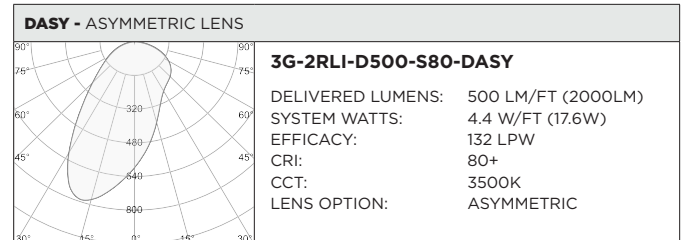
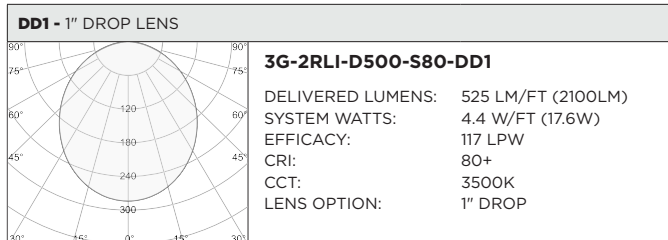
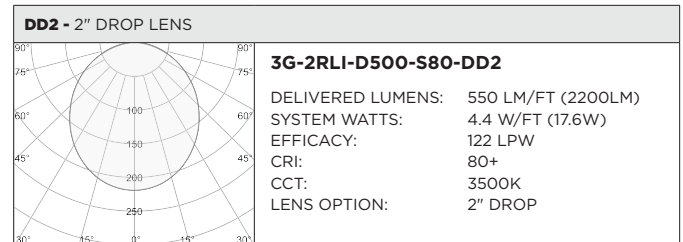
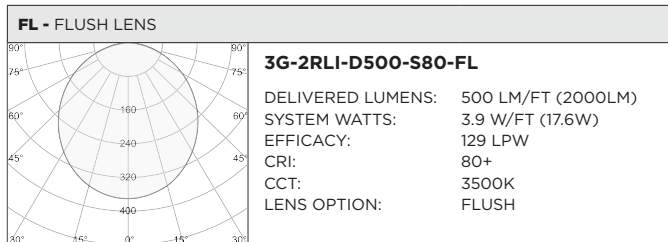


DLC listing starting at 500 lumens per foot (D500)
 Available with 80CRI and 3500K

BASED ON 4' LENGTH (80+ CRI AND 3500K SOURCE)

LENS OPTION	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
FLUSH	250	2.0	124
	500	4.0	126
	750	6.1	123
	1000	8.3	121
1" DROP	250	4.0	124
	500	6.1	126
	750	6.1	123
	1000	8.3	121
2" DROP	275	2.0	138
	525	4.0	131
	775	6.1	127
	1025	8.3	123
ASYMMETRIC	265	2.0	133
	545	4.0	136
	805	6.1	132
	1080	8.3	130

LUMEN OUTPUT MULTIPLIER: 27K=0.94, 30K=0.97, 35K=1.00, 40K=1.01, 90CRI=0.88



HOUSING

Extruded aluminum housing with narrow 2" aperture
Individual units and continuous runs available in 1" increments as standard
Aluminum trim flange with matte white powder coated finish and minimal 0.400" overlap
Trimless model features a satin coat mudding flange for seamless ceiling integration
24-gauge LED reflector with high reflectance white powder coated finish
Standard polyester powder coated matte white finish

OPTICS

Extruded, satin acrylic lens designed for optimal performance and glare control. Up to 8' continuous
Lens options include flush, 1" and 2" drops with illuminated end caps for all drop lenses
High performance asymmetric optics available

LISTING

ETL listed and conforms to UL1598 standard. Certified to CSA22.2 NO.250.0. Rated for indoor dry or damp locations
IC rated - Suitable for direct contact with insulation
Rated for air plenum applications
DLC certified. Consult factory for details

WARRANTY

5 Year Warranty on LED and drivers
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use
Ambient temperature at fixture should not exceed 25°C

ELECTRICAL

Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor
Standard 120/277V universal voltage with several driver options
Luminaires are pre-wired with factory installed quick connects and branch circuit wiring
All drivers are integral and easily accessible through luminaire aperture
Minimum 4' and maximum 6' length for each integral emergency battery. 10W output for 90 minutes

LED SYSTEM

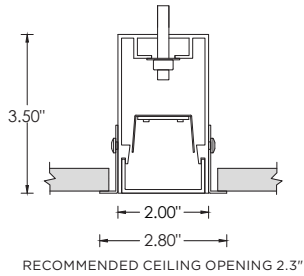
Proprietary LED system with color consistency <3 SDCM
Available in 27K, 30K, 35K, and 40K
Standard 80+CRI. Optional 90+CRI
R9 value of 56 for 90+CRI
L90 >60,000 hours
5 Year Warranty

MOUNTING

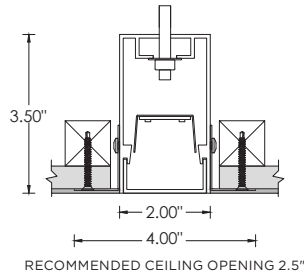
Housing suspended via 1/4" threaded rod or suspension cables (by others)
Toolless installation with 3G's proprietary mounting system
Internal, toolless joiner system (latch and hook) easily connects multiple sections together
LED reflectors remain within each fixture section during installation with 3G's click and lock spring system
Trim fixture designed for use in drywall, wood, and other architectural ceiling materials
Trimless fixture designed for use in drywall, mud-in ceiling applications
Flangeless fixture designed for use in wood ceilings
Suitable for various grid ceiling applications (see mounting details)
Fixture weight: +/- 2.5 lb/ft

HARD CEILING

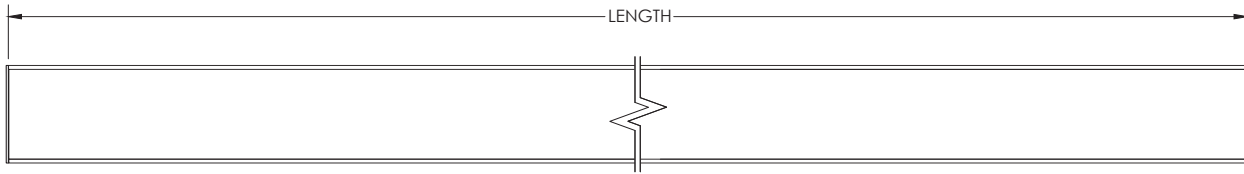
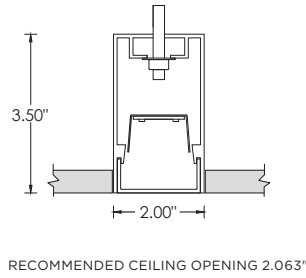
WT - TRIM



XTR - TRIMLESS (DRYWALL)

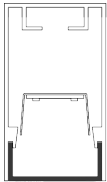


FX - FLANGELESS (NEW CONSTRUCTION)

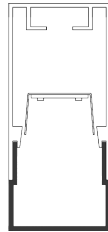


LENS OPTION

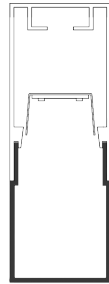
FL - FLUSH



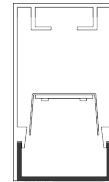
DD1 - 1" DROP



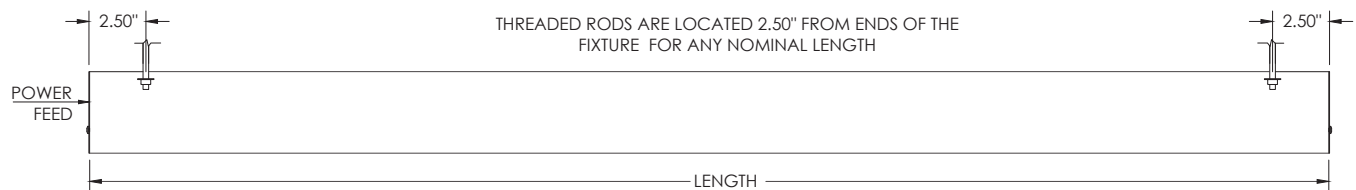
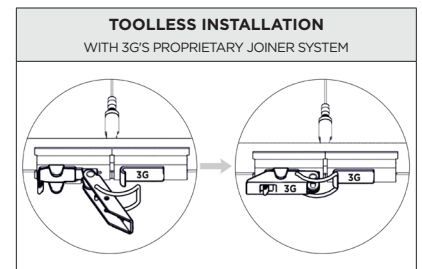
DD2 - 2" DROP



DASY - ASYMMETRIC

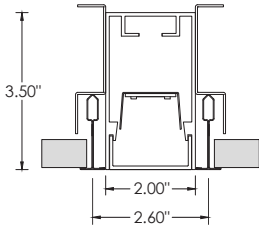


HARD CEILING : MOUNTING DETAILS

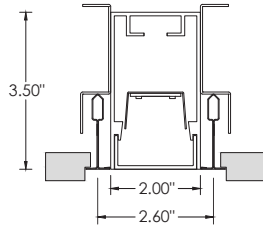


GRID CEILING

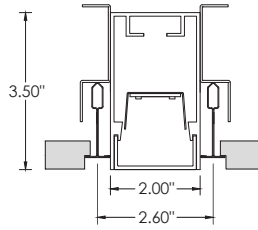
9L - 9/16" LAYIN



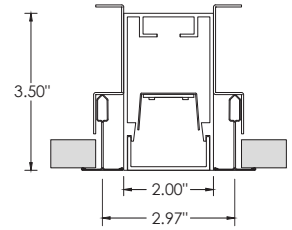
9TG - 9/16" TEGULAR



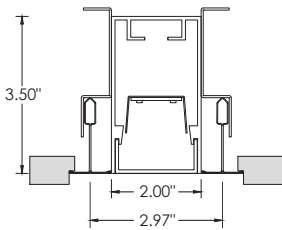
15L - 15/16" LAYIN



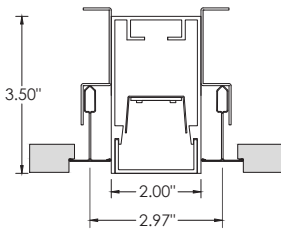
15TG - 15/16" TEGULAR



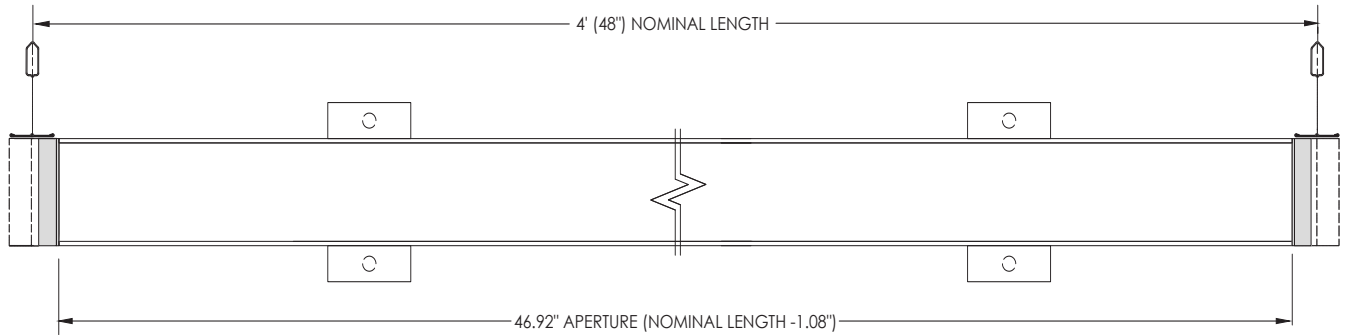
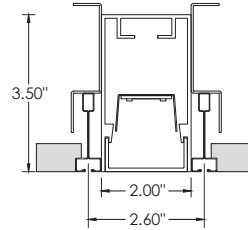
9TP - 9/16" TEGULAR



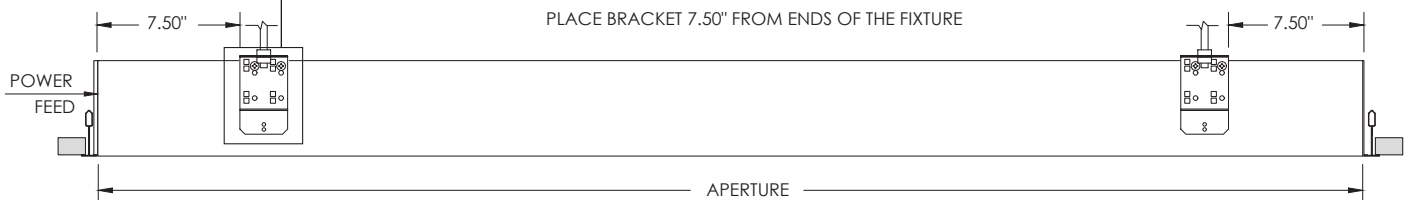
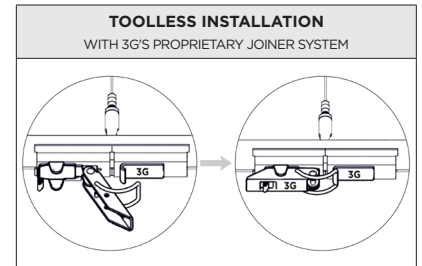
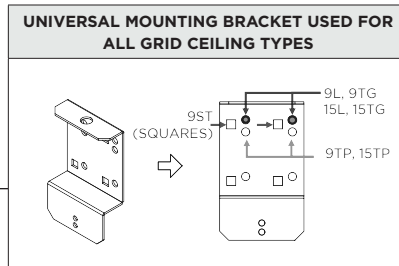
15TP - 15/16" TEGULAR



9ST - 9/16" SLOT TEE TEGULAR



GRID CEILING : MOUNTING DETAILS

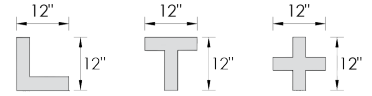


PATTERNS

Specify pattern shape and overall dimensions as shown below

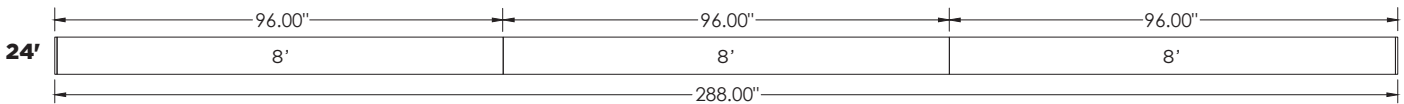
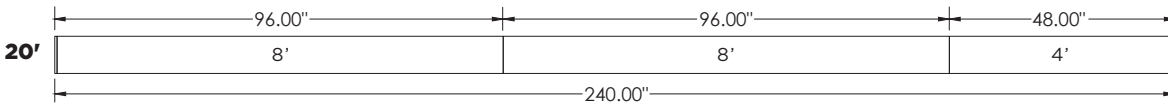
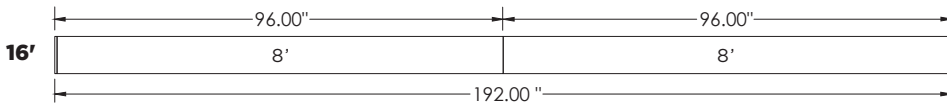
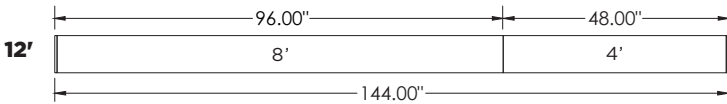
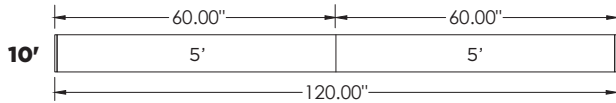
Patterns are connected with fully illuminated 12"x12" L, T, and X-shaped sections

Please consult factory for custom patterns and shapes not shown below



L-SHAPE	U-SHAPE	RECTANGLE/SQUARE	T-SHAPE	X-SHAPE
Provide dimensions of AxB Example: L - 6'x8'	Provide dimensions of AxBxC Example: U - 8'x10'x6"	Provide dimensions of AxB Example: R - 10'x8'	Provide dimensions of AxB Example: T - 14'x6'	Provide dimensions of AxB Example: X - 14'x14'

TYPICAL SECTION MOUNTING



NOTE:

Run lengths and configurations not shown are available in 1" increments as standard