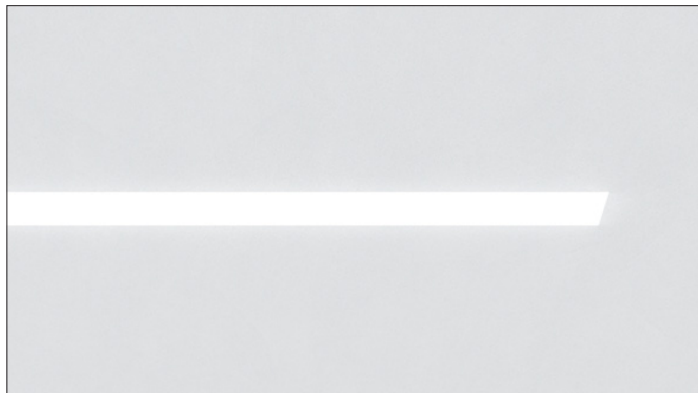


# 3G LIGHTING

## 3G-4RLI

3.5" RECESSED LINEAR  
TUNABLE WHITE & RGBW

3.5" aperture with one piece extruded aluminum housing  
Individual or continuous runs in multiple run configurations  
Suitable for drywall, grid, wood, and various architectural ceilings  
LED system with performance up to 147 lumens per watt  
Extruded acrylic lens available in flush, 1" and 2" drop lens options  
Asymmetric optics available  
1% dimming standard with several integral driver options



**3GT** **3GB**

### ORDERING INFORMATION

<b>PROJECT:</b>	<input type="text"/>	<b>TYPE:</b>	<input type="text"/>
<b>CATALOG #:</b>	<input type="text"/>	<b>DATE:</b>	<input type="text"/>

CAT. NO	LED SOURCE	LUMEN OUTPUT	CRI	VOLTAGE
<b>3G-4RLI</b>	<b>TW</b> - TUNABLE WHITE (2700K-6500K) <b>RGBW</b> - INFINITE COLOUR <sup>1</sup> (3500K WHITE)	<b>D250</b> - LOW OUTPUT (250 LM/FT) <sup>2</sup> <b>D500</b> - MEDIUM OUTPUT (500 LM/FT) <b>D750</b> - HIGH OUTPUT (750 LM/FT) <b>D1000</b> - VERY HIGH OUTPUT (1000 LM/FT) <sup>3</sup> <b>DC___</b> - CUSTOM OUTPUT (SPECIFY LM/FT)*  <small>*Specify custom lumen outputs in 50lm increments (ie: DC600, DC650, DC700) Custom output cannot exceed DC1000 Lumen outputs suitable for white LED source only</small>	<b>S80</b> - 83+ CRI <b>H90</b> - 93+ CRI <sup>1</sup>	<b>UNV</b> - 120/277V

DRIVER	FLANGE TYPE	LENS OPTION	OPTIONS
<b>D01</b> - 0-10V (100-0.1%) <b>DALI</b> - DALI (eldoLED, 100-0.1%) <b>DALI2</b> - DALI-2 (Type 8, 100-0.1%) <b>DMX</b> - DMX (eldoLED, 100-0%) <sup>1</sup> <b>DHLT</b> - LUTRON T SERIES (100-1%) (2 CHANNEL TUNABLE WHITE)	<b>WT</b> - WHITE TRIM <b>XTR</b> - TRIMLESS (MUD-IN DRYWALL) <b>FX</b> - FLANGELESS <b>GCX</b> - GRID CEILING (UNIVERSAL MOUNT)* <b>4TZ</b> - 4" TECH ZONE  <small>*Universal mounting brackets used for all grid ceiling types only. See mounting section for details</small>	<b>FL</b> - FLUSH <b>DD1</b> - 1" DROP LENS <sup>4</sup> <b>DD2</b> - 2" DROP LENS <sup>4</sup> <b>DASY</b> - ASYMMETRIC OPTIC <sup>1</sup>	<b>EMC</b> - EMERGENCY CIRCUIT <sup>5</sup> <b>CP</b> - CHICAGO PLENUM

LENGTH (FEET)
<b>S</b> - ___' (STRAIGHT RUN)* <b>L</b> - ___'X ___' (L-SHAPE) <b>U</b> - ___'X ___' X ___' (U-SHAPE) <b>R</b> - ___'X ___' (RECTANGLE/SQUARE) <b>T</b> - ___'X ___' (T-SHAPE) <b>X</b> - ___'X ___' (X-SHAPE) <b>CUS</b> - ___ (CUSTOM LAYOUT - PROVIDE DRAWING)  <small>* Individual units available from 2' to 8' 2' not available for grid ceiling version Continuous runs available in 1' increments only</small>

- <sup>1</sup> RGBW LED source available with S80 (83+CRI) and DMX driver option only. Not available with asymmetric optic or EM options  
<sup>2</sup> D250 (250LM/FT) not available in 2' and 3' lengths. Specify DC400 for 2' and 3' fixture lengths when outputs lower than 500LM/FT are required  
<sup>3</sup> D1000 (1000LM/FT) not available for H90 (93+ CRI)  
<sup>4</sup> DD1 (1" drop lens) and DD2 (2" drop lens) available with straight run type only  
<sup>5</sup> EMC (emergency circuit) options available for tunable white LED source only. Not available with RGBW

**3GT** - Tunable White  
**3GB** - RGBW

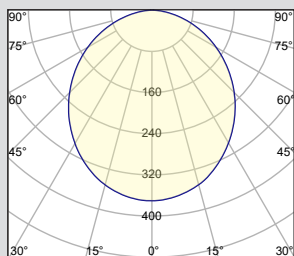
JANUARY 02, 2024

### PERFORMANCE CHART BASED ON 4' LENGTH WITH FLUSH LENS (TUNABLE WHITE AND 90+ CRI)

COLOR TEMP	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
2700K	250	2.4	120
	500	4.5	115
	750	6.9	113
	1000	9.6	112
3500K	250	2.4	103
	500	4.5	111
	750	6.9	109
	1000	9.6	104
6500K	250	2.4	161
	500	4.5	160
	750	6.9	152
	1000	9.6	145

### PHOTOMETRY BASED ON 4' LENGTH (90+ CRI AND 3500K SOURCE)

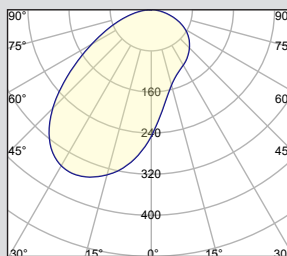
#### FL - FLUSH



#### 3G-4RLI-TW-L500-H90-FL

DELIVERED LUMENS: 500LM/FT (2000LM)  
SYSTEM WATTS: 4.5W/FT (15.2W)  
EFFICACY: 111LPW  
CRI: 90+  
CCT: 3500K  
LENS OPTION: FLUSH

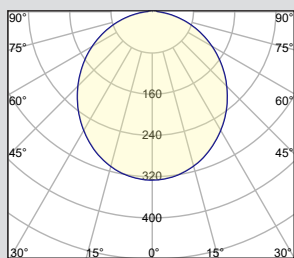
#### DASY - ASYMMETRIC OPTIC



#### 3G-4RLI-TW-L500-H90-DASY

DELIVERED LUMENS: 500LM/FT (2000LM)  
SYSTEM WATTS: 3.9W/FT (15.2W)  
EFFICACY: 128LPW  
CRI: 90+  
CCT: 3500K  
LENS OPTION: ASYMMETRIC

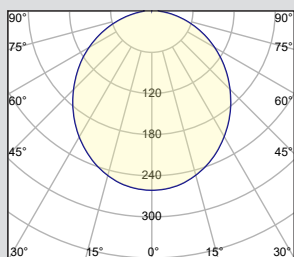
#### DD1 - 1" DROP LENS



#### 3G-4RLI-TW-L500-H90-DD1

DELIVERED LUMENS: 500LM/FT (2000LM)  
SYSTEM WATTS: 4.5W/FT (15.2W)  
EFFICACY: 113LPW  
CRI: 90+  
CCT: 3500K  
LENS OPTION: 1" DROP

#### DD2 - 2" DROP LENS



#### 3G-4RLI-TW-L500-H90-DD2

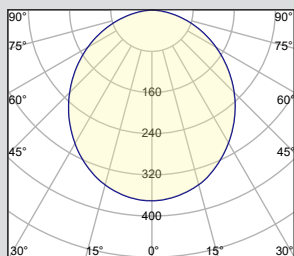
DELIVERED LUMENS: 500LM/FT (2000LM)  
SYSTEM WATTS: 4.5W/FT (15.2W)  
EFFICACY: 118LPW  
CRI: 90+  
CCT: 3500K  
LENS OPTION: 2" DROP

### PERFORMANCE CHART BASED ON 4' LENGTH (RGBW WITH AND 83+ CRI AND 3500K SOURCE)

COLOR TEMP	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
3500K	250	2.2	119
	500	4.6	113
	750	7.8	96
	1000	11.3	89
LUMINOUS INTENSITY PER LED	RGB	INTENSITY Min - Max (mcd)	
	RED	355 - 805	
	GREEN	710 - 1400	
	BLUE	140 - 355	

### PHOTOMETRY BASED ON 4' LENGTH (83+ CRI AND 3500K SOURCE)

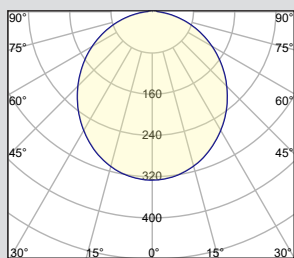
#### FL - FLUSH



#### 3G-4RLI-RGBW-L500-S80-FL

DELIVERED LUMENS: 500LM/FT (2000LM)  
SYSTEM WATTS: 4.6W/FT (18.4W)  
EFFICACY: 113LPW  
CRI: 83+  
CCT: 3500K  
LENS OPTION: FLUSH

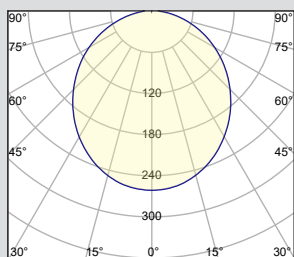
#### DD1 - 1" DROP LENS



#### 3G-4RLI-RGBW-L500-S80-DD1

DELIVERED LUMENS: 500LM/FT (2000LM)  
SYSTEM WATTS: 4.6W/FT (18.4W)  
EFFICACY: 115LPW  
CRI: 83+  
CCT: 3500K  
LENS OPTION: 1" DROP

#### DD2 - 2" DROP LENS



#### 3G-4RLI-RGBW-L500-S80-DD2

DELIVERED LUMENS: 500LM/FT (2000LM)  
SYSTEM WATTS: 4.6W/FT (18.4W)  
EFFICACY: 119LPW  
CRI: 83+  
CCT: 3500K  
LENS OPTION: 2" DROP

**TECHNICAL****HOUSING**

Extruded aluminum housing with 3.5" aperture  
Individual units and continuous runs available in 1' increments  
Trim flange with matte white powder coated finish and minimal 0.400" overlap  
Trimless model features a satin coat mudding flange for seamless ceiling  
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

**ELECTRICAL**

Luminaires are pre-wired with factory installed quick connects and branch circuit wiring  
Multiple driver options available for tunable white LED system  
DMX driver option for RGBW system with RDM control and 100-0% dimming range  
All drivers are integral and easily accessible through luminaire aperture

**LED SYSTEM FOR TUNABLE WHITE (TW)**

Proprietary LED system with color consistency <3 SDCM  
2700K-6500K CCT range  
Standard 83+CRI. Optional 93+CRI. (R9 value of 56 for 93+CRI)  
L90 >60,000 hours  
5 Year Warranty

**LED SYSTEM FOR RGBW**

Proprietary LED system with color consistency <3 SDCM  
White LED available in 35K with 83+ CRI  
L80 >72,000 hours  
Red (335-805 mcd)  
Green (710-1400 mcd)  
Blue (140-355 mcd)  
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 4" TechZone and various grid ceiling applications (see mounting details)  
Fixture weight: +/- 3 lbs/ft

**LISTING**

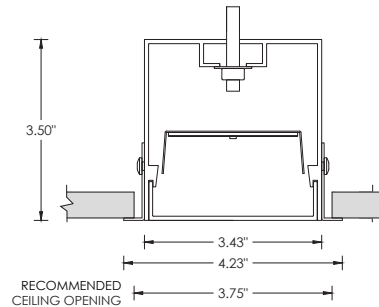
ETL listed and tested to cUL standards. Suitable for dry and damp locations

**WARRANTY**

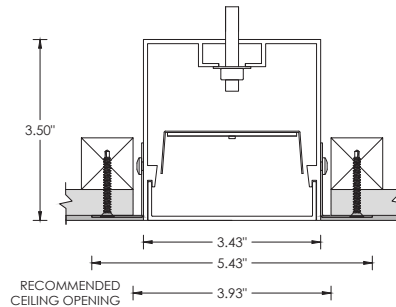
5 Year Warranty on LED and drivers  
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use  
Ambient temperature at fixture should not exceed 25°C

### DRAWINGS AND DIMENSIONS

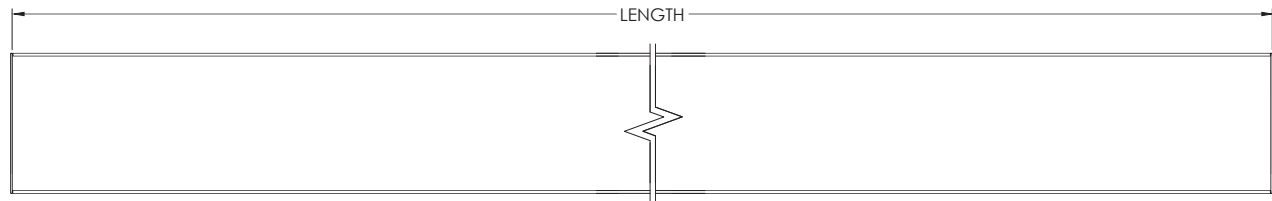
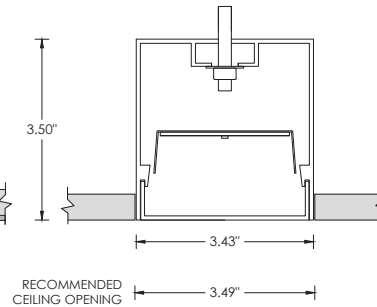
#### WT - TRIM



#### XTR - TRIMLESS

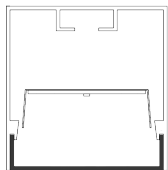


#### FX - FLANGELESS

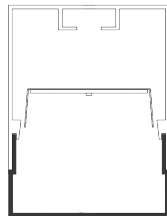


#### LENS OPTION

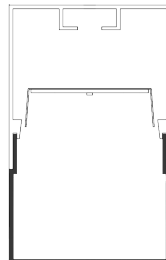
##### FL - FLUSH



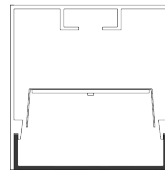
##### DD1 - 1" DROP



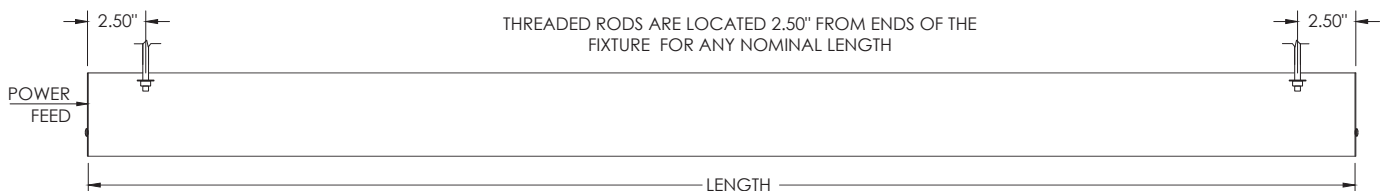
##### DD2 - 2" DROP



##### DASY - ASYMMETRIC

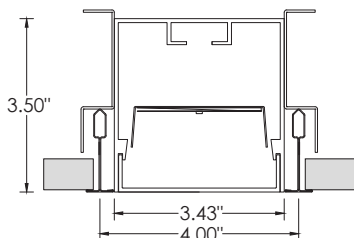


### MOUNTING DETAILS HARD CEILING

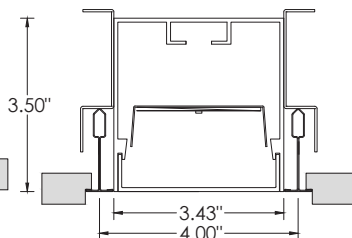


### DRAWINGS AND DIMENSIONS GRID CEILING

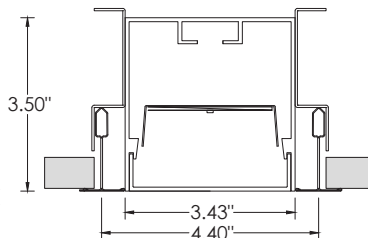
**9L - 9/16" LAYIN**



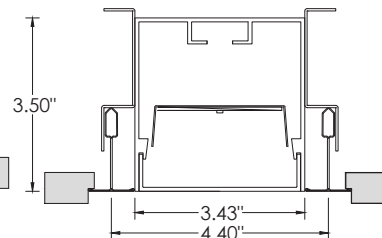
**9TG - 9/16" TEGULAR**



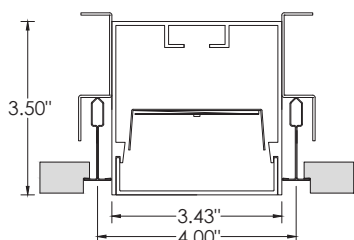
**15L - 15/16" LAYIN**



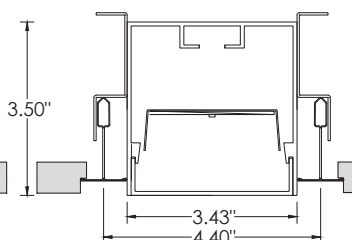
**15TG - 15/16" TEGULAR**



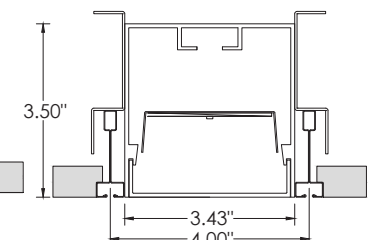
**9TP - 9/16" TEGULAR**



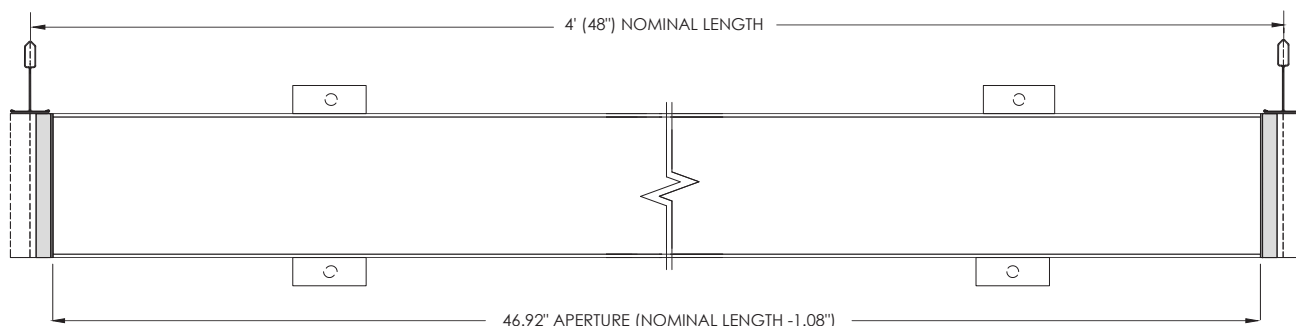
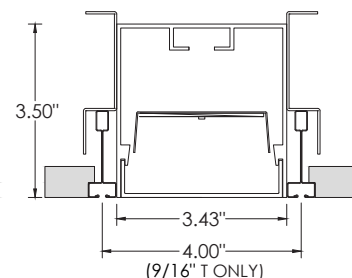
**15TP - 15/16" TEGULAR**



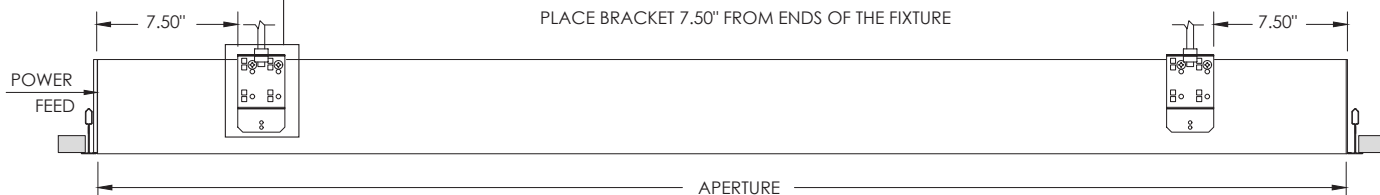
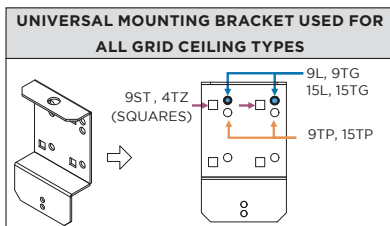
**9ST - 9/16" SLOT TEE TEGULAR**



**4TZ - 4" TECH ZONE TEGULAR**



### MOUNTING DETAILS GRID CEILING

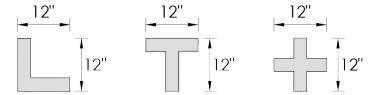


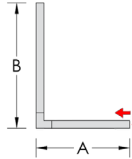
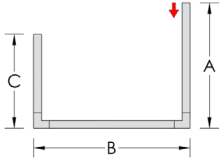
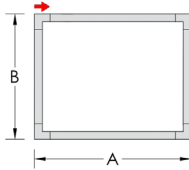
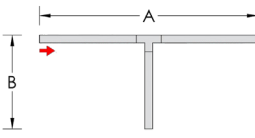
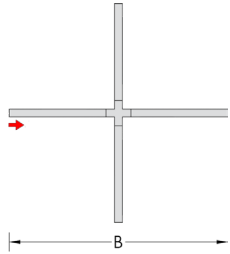
### PATTERNS

Specify pattern shape and overall dimensions as shown below

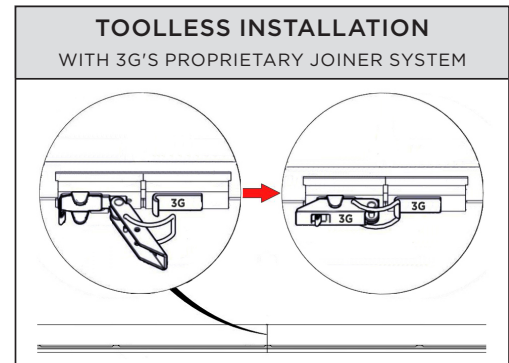
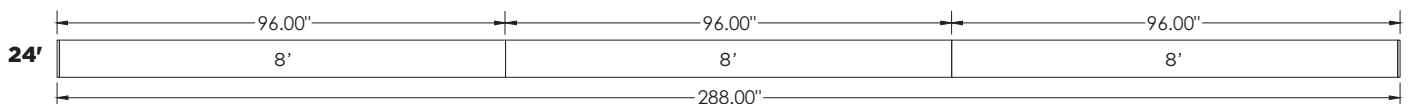
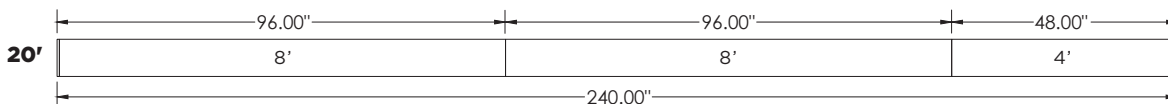
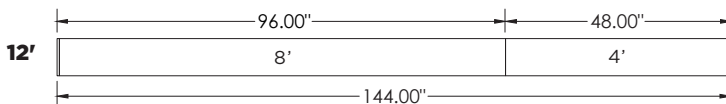
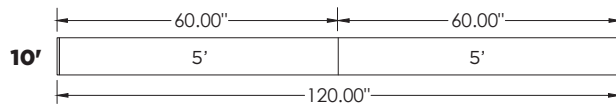
Patterns are connected with fully illuminated 12"x12" L, T, and X-shaped sections

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: <b>L</b> - 6'x8'	Provide dimensions of AxBxC Example: <b>U</b> - 8'x10'x6'	Provide dimensions of AxB Example: <b>R</b> - 10'x8'	Provide dimensions of AxB Example: <b>T</b> - 14'x6'	Provide dimensions of AxB Example: <b>X</b> - 14'x14'
				

### TYPICAL SECTION MOUNTING (AVAILABLE IN 1' INCREMENTS AS STANDARD)



### NOTE:

Run lengths and configurations not shown are available in 1' increments as standard. Please contact 3G for 1" increments