



## 3G-1PLI-D

1.5" LINEAR PENDANT, DIRECT  
TUNABLE WHITE & RGBW



Narrow 1.5" aperture with one piece extruded aluminum housing  
Individual or continuous runs available in multiple run configurations  
Direct distribution with multiple lumen output options  
LED system with performance up to 103 lumens per watt  
Extruded acrylic lens with optimal performance and glare control  
Asymmetric optics available  
1% dimming standard with several 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
3G-1PLI-D	<b>TW</b> - TUNABLE WHITE (2700K-6500K)	<b>L250</b> - LOW OUTPUT (250 LM/FT) <sup>2</sup> <b>L500</b> - MEDIUM OUTPUT (500 LM/FT) <b>L750</b> - HIGH OUTPUT (750 LM/FT) <b>L1000</b> - VERY HIGH OUTPUT (1000 LM/FT) <sup>3</sup> <b>LC____</b> - CUSTOM OUTPUT (SPECIFY LM/FT)*	<b>S80</b> - 83+ CRI <b>H90</b> - 93+ CRI <sup>1</sup>	<b>UNV</b> - 120/277V
	<b>RGBW</b> - INFINITE COLOUR <sup>1</sup> (3500K WHITE)	   		

DRIVER	LENS OPTION	FINISH	CABLE LENGTH
<b>DO1</b> - 0-10V (100-0.1%) <b>DALI</b> - DALI (eidoLED, 100-1%) <b>DMX</b> - DMX (eidoLED, 100-0%) <sup>1</sup> <b>DHLT</b> - LUTRON T SERIES (100-1%) (2 CHANNEL TUNABLE WHITE)	<b>FL</b> - FLUSH <b>DASY</b> - ASYMMETRIC OPTIC <sup>1</sup>	<b>WH</b> - WHITE (STANDARD) <b>SV</b> - SILVER <b>BK</b> - BLACK  All mounting canopies provided in white as standard	<b>60"</b> - 60" (STANDARD) <b>120"</b> - 120"

OPTIONS	LENGTH (FEET)
<b>EMB</b> - INTEGRAL EMERGENCY BATTERY (4' SECTION ONLY) <sup>4</sup> <b>EMC</b> - EMERGENCY CIRCUIT <sup>4</sup>	<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)  *Individual units available in 2', 3', 4', 5', 6', and 8' Continuous runs available in 1' increments as standard

- <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> L250 (250LM/FT) not available in 2' and 3' lengths. Specify LC400 for 2' and 3' fixture lengths when outputs lower than 500LM/FT are required  
<sup>3</sup> L1000 (1000LM/FT) not available for H90 (93+ CRI)  
<sup>4</sup> EMB (emergency battery) and EMC (emergency circuit) options available for tunable white LED source only. Not available with RGBW

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

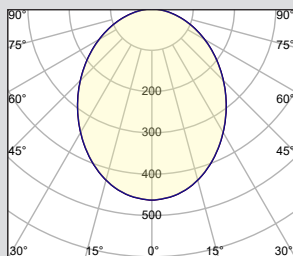
OCTOBER 14, 2020

### PERFORMANCE CHART BASED ON 4' LENGTH WITH FLUSH LENS (TUNABLE WHITE AND 83+ CRI)

COLOR TEMP	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
2700K	250	3.0	84
	500	6.1	81
	750	9.4	80
	1000	12.5	79
3500K	250	3.0	90
	500	6.1	88
	750	9.4	85
	1000	12.5	83
6500K	250	3.0	102
	500	6.1	103
	750	9.4	98
	1000	12.5	92
EFFICACY (LPW) ADJUSTMENT FACTOR	CRI	Multiplier	
	93+	0.88	

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

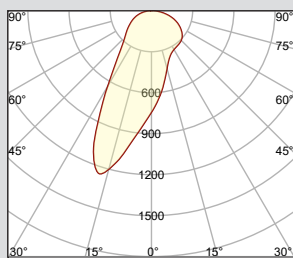
#### FL - FLUSH



#### 3G-1PLI-D-TW-L500-S80-FL

DELIVERED LUMENS: 500LM/FT (2000LM)  
SYSTEM WATTS: 6.1W/FT (24.4W)  
EFFICACY: 88LPW  
CRI: 83+  
CCT: 3500K  
LENS OPTION: FLUSH

#### DASY - ASYMMETRIC OPTIC



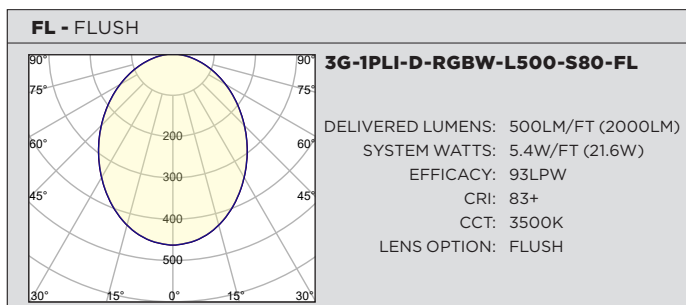
#### 3G-1PLI-D-TW-L500-S80-DASY

DELIVERED LUMENS: 500LM/FT (2000LM)  
SYSTEM WATTS: 6.1W/FT (24.4W)  
EFFICACY: 84LPW  
CRI: 83+  
CCT: 3500K  
LENS OPTION: ASYMMETRIC

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

COLOR TEMP	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
3500K	250	2.6	95
	500	5.4	93
	750	8.9	85
	1000	13.0	77
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)



**TECHNICAL****HOUSING**

Extruded aluminum housing with narrow 1.5" aperture  
Machined aluminum end caps add 1/4" to each end of luminaire  
Individual units and continuous runs available in 1' increments  
24-gauge LED reflector with high reflectance white powder coated finish  
Standard polyester powder coated matte white finish.  
Optional finishes available

**OPTICS**

Extruded, satin acrylic lens designed for optimal performance and glare control. Up to 8' continuous  
High performance asymmetric optics available

**ELECTRICAL**

Luminaires are pre-wired with factory installed quick connects and branch circuit wiring  
Standard 0-10V, constant current drivers with 100-0.1% dimming range and >0.9 power factor  
eldoLED DALI driver option with 100-0.1% dimming range  
eldoLED DMX driver option with 100-0% dimming range  
Lutron T-series 2 channel tunable white driver option with 100-1% dimming range  
All drivers are integral and easily accessible through luminaire aperture  
4' length for each integral emergency battery. 10W output for 90 minutes

**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**

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  
Adjustable aircraft cable suspension with locking fasteners (60" length standard)  
Standard, 18-gauge, 5 conductor single circuit power feed (clear braided finish)  
All mounting canopies provided in white finish as standard  
Suitable for various architectural ceilings (see mounting details)  
Fixture weight: +/- 2.5 lb/ft

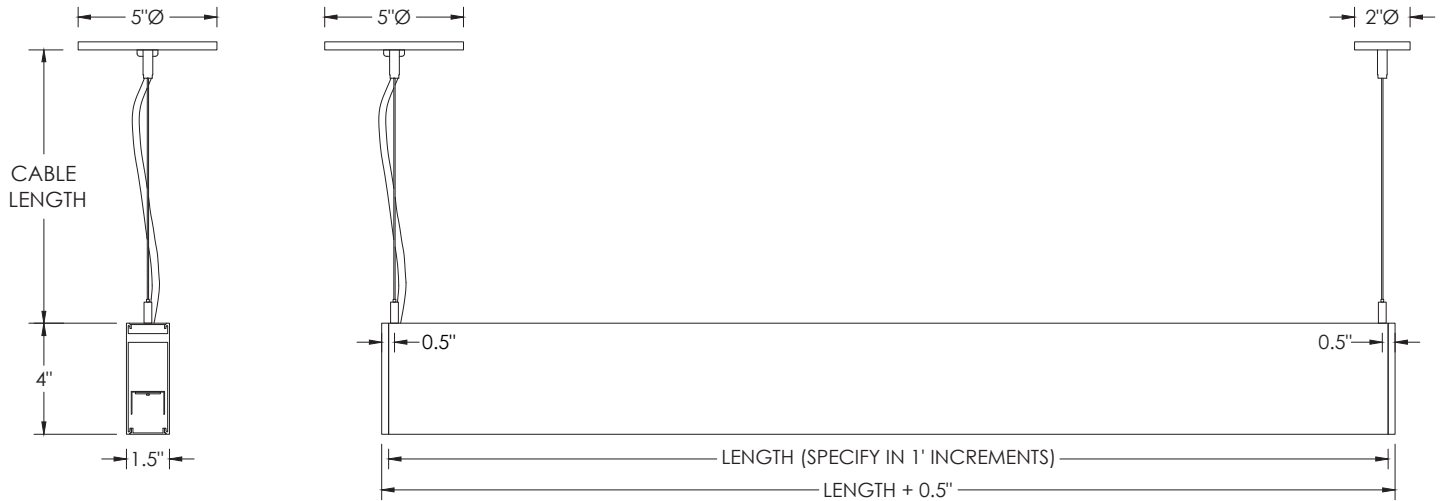
**LISTING**

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

**WARRANTY**

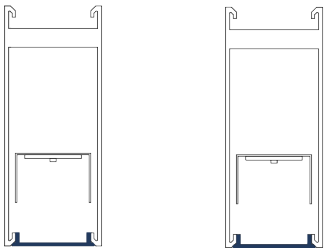
5 Year Warranty on LED and drivers  
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use  
Ambient temperature at fixture should not exceed 25°C

### DRAWINGS AND DIMENSIONS



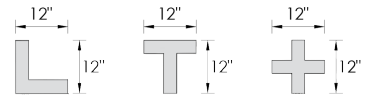
### LENS OPTION

**FL** - FLUSH **ASY** - ASYMMETRIC



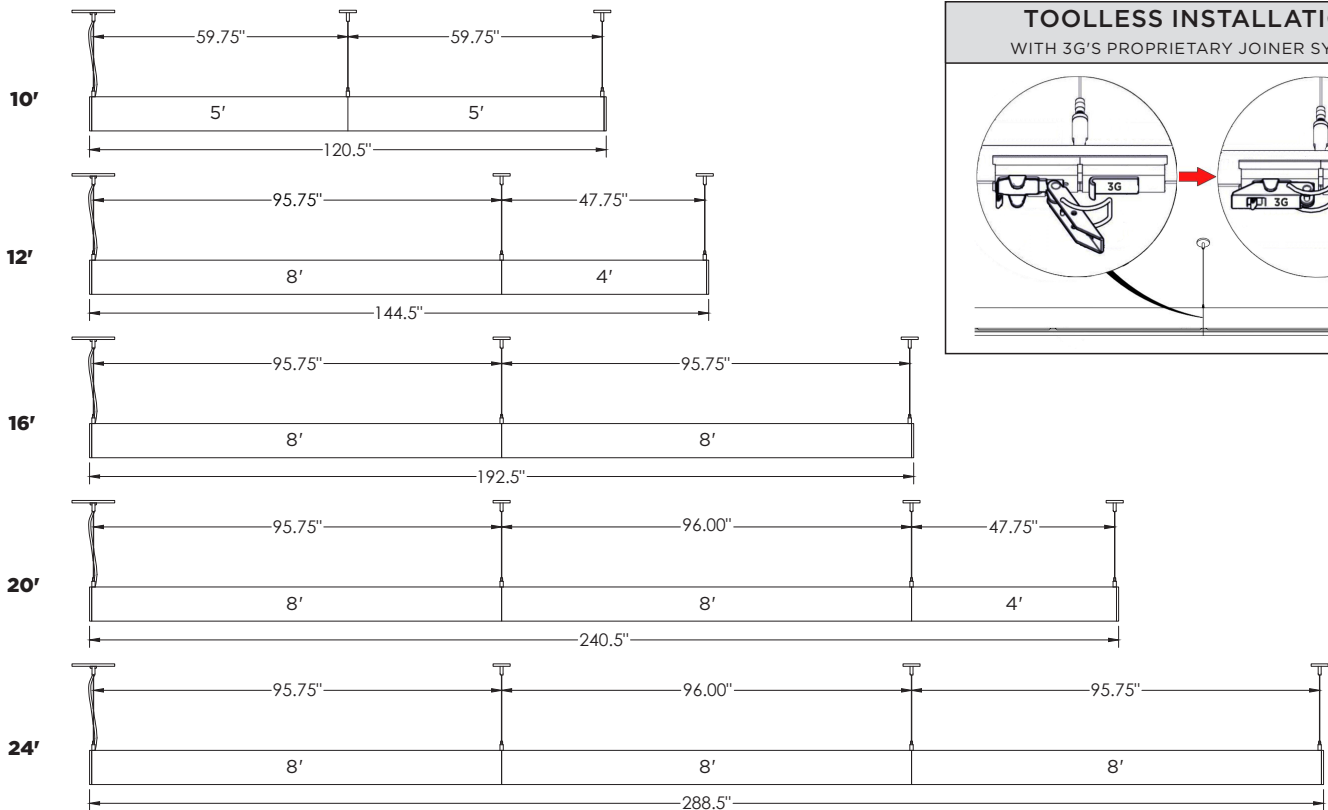
### PATTERNS

Specify pattern shape and overall dimensions as shown below. Available in 1' increments only  
Patterns are connected with fully illuminated 12"x12" L, T, and X-shaped sections

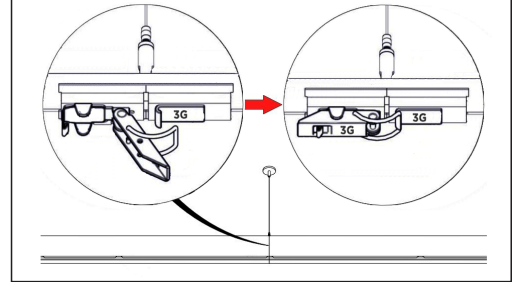


L-SHAPE	U-SHAPE	RECTANGLE/SQUARE	T-SHAPE	X-SHAPE
Provide dimensions of AxB Example: <b>L</b> - 6'x8'	Provide dimensions of AxBxC Example: <b>U</b> - 8'x10'x6'	Provide dimensions of AxB Example: <b>R</b> - 10'x8'	Provide dimensions of AxB Example: <b>T</b> - 14'x6'	Provide dimensions of AxB Example: 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

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



### TOOLLESS INSTALLATION WITH 3G'S PROPRIETARY JOINER SYSTEM



### MOUNTING DETAILS

