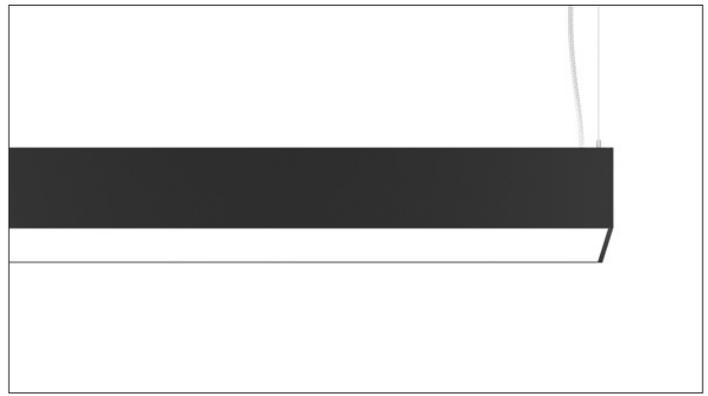




## 3G-4PLI-DI

3.5" LINEAR PENDANT  
DIRECT/INDIRECT  
TUNABLE WHITE & RGBW

3.5" aperture with one piece extruded aluminum housing  
Individual or continuous runs available in multiple run configurations  
Direct/Indirect distribution with multiple lumen output options  
LED system with performance up to 156 lumens per watt  
Extruded acrylic lens available in flush, 1" and 2" drop lens options  
Widespread and asymmetric optics available  
1% dimming standard with several integral driver options



### 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 (DIRECT)	LUMEN OUTPUT (INDIRECT)	CRI
<b>3G-4PLI-DI</b>	<b>TW</b> - TUNABLE WHITE (2700K-6500K) <b>RGBW</b> - INFINITE COLOUR <sup>1</sup> (3500K WHITE)	<b>L250</b> - LOW OUTPUT (250 LM/FT) <sup>2</sup>	<b>L250</b> - LOW OUTPUT (250 LM/FT) <sup>2</sup>	<b>S80</b> - 83+ CRI <b>H90</b> - 93+ CRI <sup>1</sup>
		<b>L500</b> - MEDIUM OUTPUT (500 LM/FT)	<b>L500</b> - MEDIUM OUTPUT (500 LM/FT)	
		<b>L750</b> - HIGH OUTPUT (750 LM/FT)	<b>L750</b> - HIGH OUTPUT (750 LM/FT)	
		<b>L1000</b> - VERY HIGH OUTPUT (1000 LM/FT) <sup>3</sup>	<b>L1000</b> - VERY HIGH OUTPUT (1000 LM/FT) <sup>3</sup>	
		<b>LC ____</b> - CUSTOM OUTPUT (SPECIFY LM/FT) <sup>4</sup>	<b>LC ____</b> - CUSTOM OUTPUT (SPECIFY LM/FT) <sup>4</sup>	
		*Specify custom lumen outputs in 50lm increments (ie: LC600, LC650, LC700) Custom output cannot exceed LC1000 Lumen outputs suitable for white LED source only	*Specify custom lumen outputs in 50lm increments (ie: LC600, LC650, LC700) Custom output cannot exceed LC1000 Lumen outputs suitable for white LED source only	

VOLTAGE	DRIVER	LENS OPTION (DIRECT)	LENS OPTION (INDIRECT)	FINISH
<b>UNV</b> - 120-277V	<b>DO1</b> - 0-10V (100-0.1%) <b>DALI</b> - DALI (eldoLED, 100-1%) <b>DMX</b> - DMX (eldoLED, 100-1%) <sup>1</sup> <b>DHLT</b> - LUTRON T SERIES (100-0.1%) (2 CHANNEL TUNABLE WHITE)	<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>FL</b> - FLUSH <b>WSO</b> - WIDESPREAD OPTIC <sup>1</sup> <b>ASY</b> - ASYMMETRIC OPTIC <sup>1,3</sup>	<b>WH</b> - WHITE <b>SV</b> - SILVER <b>BK</b> - BLACK
				All mounting canopies provided in white as standard

CABLE LENGTH	CIRCUITING	OPTIONS	LENGTH (FEET)
<b>60</b> - 60" <b>120</b> - 120"	<b>1C</b> - 1 CIRCUIT <b>2C</b> - 2 CIRCUIT	<b>EMC</b> - EMERGENCY CIRCUIT <sup>5</sup>	<b>S</b> - ____' (STRAIGHT RUN) <sup>*</sup> <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 from 2' to 8' Continuous runs available in 1' increments

<sup>1</sup> RGBW LED source available with S80 (83+CRI) and DMX driver option only. Not available with widespread, asymmetric, 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) or indirect asymmetric option  
<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

MARCH 15, 2024





**3G-4PLI-DI**  
 3.5" LINEAR PENDANT  
 DIRECT/INDIRECT  
 TUNABLE WHITE & RGBW

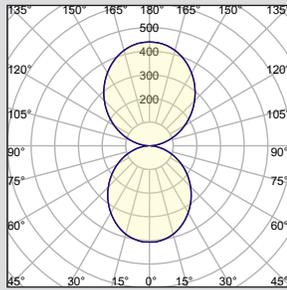
**PERFORMANCE CHART** BASED ON 4' LENGTH WITH FLUSH LENS (TUNABLE WHITE AND 83+ CRI)

LENS OPTION	DELIVERED LUMENS (LM/FT)			SYSTEM WATTS (W/FT)			EFFICACY (LPW)		
	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL
<b>2700K</b>	250	250	500	1.9	1.3	3.2	126	162	141
	500	500	1000	3.8	3.0	6.8	121	158	137
	750	750	1500	5.8	4.3	10.1	119	157	135
	1000	1000	2000	8.0	6.2	14.2	118	155	134
<b>3500K</b>	250	250	500	1.9	1.3	3.2	135	164	147
	500	500	1000	3.8	3.0	6.8	130	161	144
	750	750	1500	5.8	4.3	10.1	127	161	141
	1000	1000	2000	8.0	6.2	14.2	123	159	139
<b>6500K</b>	250	250	500	1.9	1.3	3.2	147	169	156
	500	500	1000	3.8	3.0	6.8	145	165	154
	750	750	1500	5.8	4.3	10.1	138	166	150
	1000	1000	2000	8.0	6.2	14.2	132	164	146
<b>EFFICACY (LPW)</b>	<b>CRI</b>	<b>Multiplier</b>							
<b>ADJUSTMENT FACTOR</b>	93+	0.88							



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

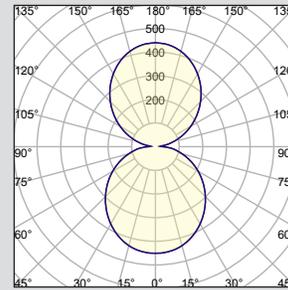
#### FL + FL - FLUSH (DIRECT) + FLUSH (INDIRECT)



**3G-4PLI-DI-TW-L500-L500-FL-FL**

DELIVERED LUMENS: 1000LM/FT (4000LM)  
SYSTEM WATTS: 6.8W/FT (27.2W)  
EFFICACY: 144LPW  
CRI: 83+  
CCT: 3500K  
LENS OPTION: FLUSH (DIRECT)  
FLUSH (INDIRECT)

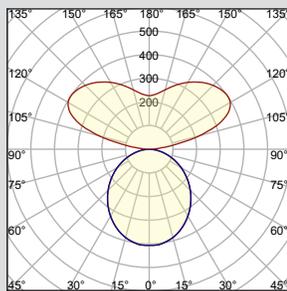
#### DD1 + FL - 1" DROP (DIRECT) + FLUSH (INDIRECT)



**3G-4PLI-DI-TW-L500-L500-DD1-FL**

DELIVERED LUMENS: 1000LM/FT (4000LM)  
SYSTEM WATTS: 6.8W/FT (27.2W)  
EFFICACY: 146LPW  
CRI: 83+  
CCT: 3500K  
LENS OPTION: 1" DROP (DIRECT)  
FLUSH (INDIRECT)

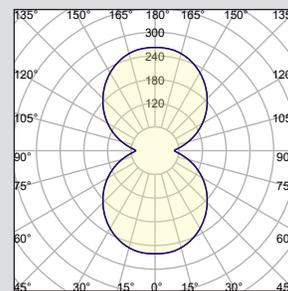
#### FL + WSO - FLUSH (DIRECT) + WIDESPREAD OPTIC (INDIRECT)



**3G-4PLI-DI-TW-L500-L500-FL-WSO**

DELIVERED LUMENS: 1000LM/FT (4000LM)  
SYSTEM WATTS: 6.8W/FT (27.2W)  
EFFICACY: 134LPW  
CRI: 83+  
CCT: 3500K  
LENS OPTION: FLUSH (DIRECT)  
WSO (INDIRECT)

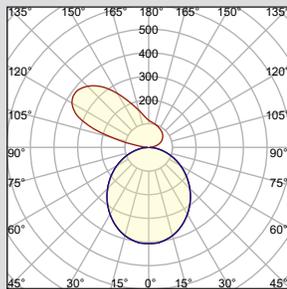
#### DD2 + FL - 2" DROP (DIRECT) + FLUSH (INDIRECT)



**3G-4PLI-DI-TW-L500-L500-DD2-FL**

DELIVERED LUMENS: 1000LM/FT (4000LM)  
SYSTEM WATTS: 6.8W/FT (27.2W)  
EFFICACY: 148LPW  
CRI: 83+  
CCT: 3500K  
LENS OPTION: 2" DROP (DIRECT)  
FLUSH (INDIRECT)

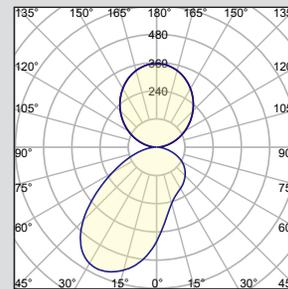
#### FL + ASY - FLUSH (DIRECT) + ASYMMETRIC (INDIRECT)



**3G-4PLI-DI-TW-L500-L500-FL-ASY**

DELIVERED LUMENS: 1000LM/FT (4000LM)  
SYSTEM WATTS: 9.3W/FT (37.2W)  
EFFICACY: 110LPW  
CRI: 83+  
CCT: 3500K  
LENS OPTION: FLUSH (DIRECT)  
ASY (INDIRECT)

#### DASY + FL - ASYMMETRIC (DIRECT) + FLUSH (INDIRECT)



**3G-4PLI-DI-TW-L500-L500-DASY-FL**

DELIVERED LUMENS: 1000LM/FT (4000LM)  
SYSTEM WATTS: 6.8W/FT (27.2W)  
EFFICACY: 141LPW  
CRI: 83+  
CCT: 3500K  
LENS OPTION: DASY (DIRECT)  
FLUSH (INDIRECT)



**3G-4PLI-DI**  
 3.5' LINEAR PENDANT  
 DIRECT/INDIRECT  
 TUNABLE WHITE & RGBW

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

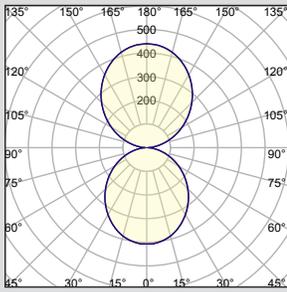
LENS OPTION	DELIVERED LUMENS (LM/FT)			SYSTEM WATTS (W/FT)			EFFICACY (LPW)		
	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL
<b>DIRECT + INDIRECT</b>									
<b>3500K</b>	250	250	500	2.2	2.2	4.4	119	139	129
	500	500	1000	4.6	4.6	9.2	113	138	125
	750	750	1500	7.8	7.8	15.6	96	133	114
	1000	1000	2000	11.3	11.3	22.6	89	127	104

LUMINOUS INTENSITY PER LED	RGB	INTENSITY Min - Max (mcd)
	RED	355 - 805
	GREEN	710 - 1400
	BLUE	140 - 355



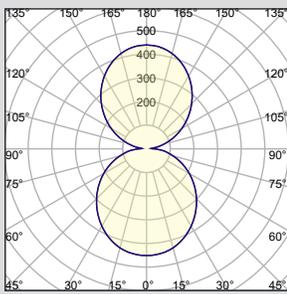
**DRAWINGS AND DIMENSIONS**

**FL + FL - FLUSH (DIRECT) + FLUSH (INDIRECT)**



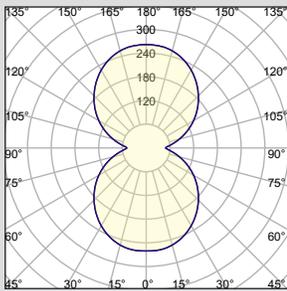
**3G-4PLI-DI-RGBW-L500-L500-FL-FL**  
 DELIVERED LUMENS: 1000LM/FT (4000LM)  
 SYSTEM WATTS: 9.2W/FT (36.8W)  
 EFFICACY: 125LPW  
 CRI: 83+  
 CCT: 3500K  
 LENS OPTION: FLUSH (DIRECT)  
 FLUSH (INDIRECT)

**DD1 + FL - 1" DROP (DIRECT) + FLUSH (INDIRECT)**



**3G-4PLI-DI-RGBW-L500-L500-DD1-FL**  
 DELIVERED LUMENS: 1000LM/FT (4000LM)  
 SYSTEM WATTS: 9.2W/FT (36.8W)  
 EFFICACY: 127LPW  
 CRI: 83+  
 CCT: 3500K  
 LENS OPTION: 1" DROP (DIRECT)  
 FLUSH (INDIRECT)

**DD2 + FL - 2" DROP (DIRECT) + FLUSH (INDIRECT)**



**3G-4PLI-DI-RGBW-L500-L500-DD2-FL**  
 DELIVERED LUMENS: 1000LM/FT (4000LM)  
 SYSTEM WATTS: 9.2W/FT (36.8W)  
 EFFICACY: 128LPW  
 CRI: 83+  
 CCT: 3500K  
 LENS OPTION: 2" DROP (DIRECT)  
 FLUSH (INDIRECT)

**TECHNICAL****HOUSING**

Extruded aluminum housing with 3.5" 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  
Lens options include flush, 1" and 2" drops with illuminated end caps for all drop lenses  
High performance widespread and asymmetric optics available  
Widespread Optic peak intensity at 120° with a minimum mounting distance of 18" from ceiling

**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**

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: +/- 3 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

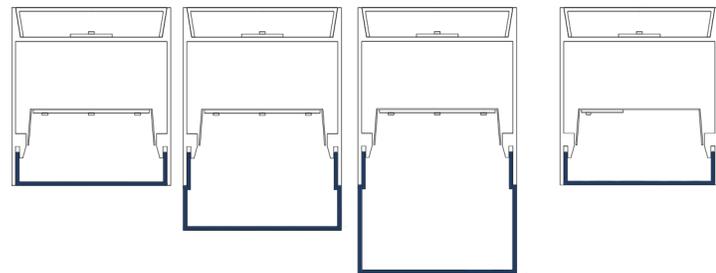
## DRAWINGS AND DIMENSIONS



## LENS OPTION

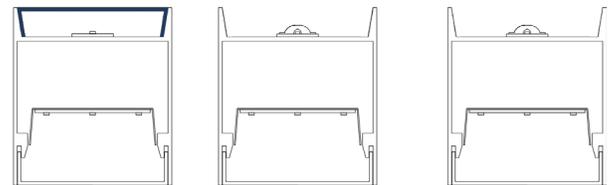
### DIRECT LENS OPTION

**FL - FLUSH**    **DD1 - 1" DROP**    **DD2 - 2" DROP**    **DASY - ASYMMETRIC**



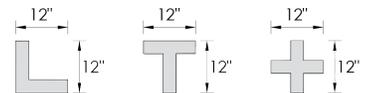
### INDIRECT LENS OPTION

**FL - FLUSH**    **WSO - WIDESPREAD**    **ASY - ASYMMETRIC**



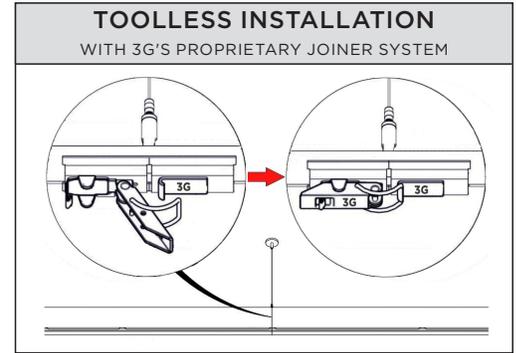
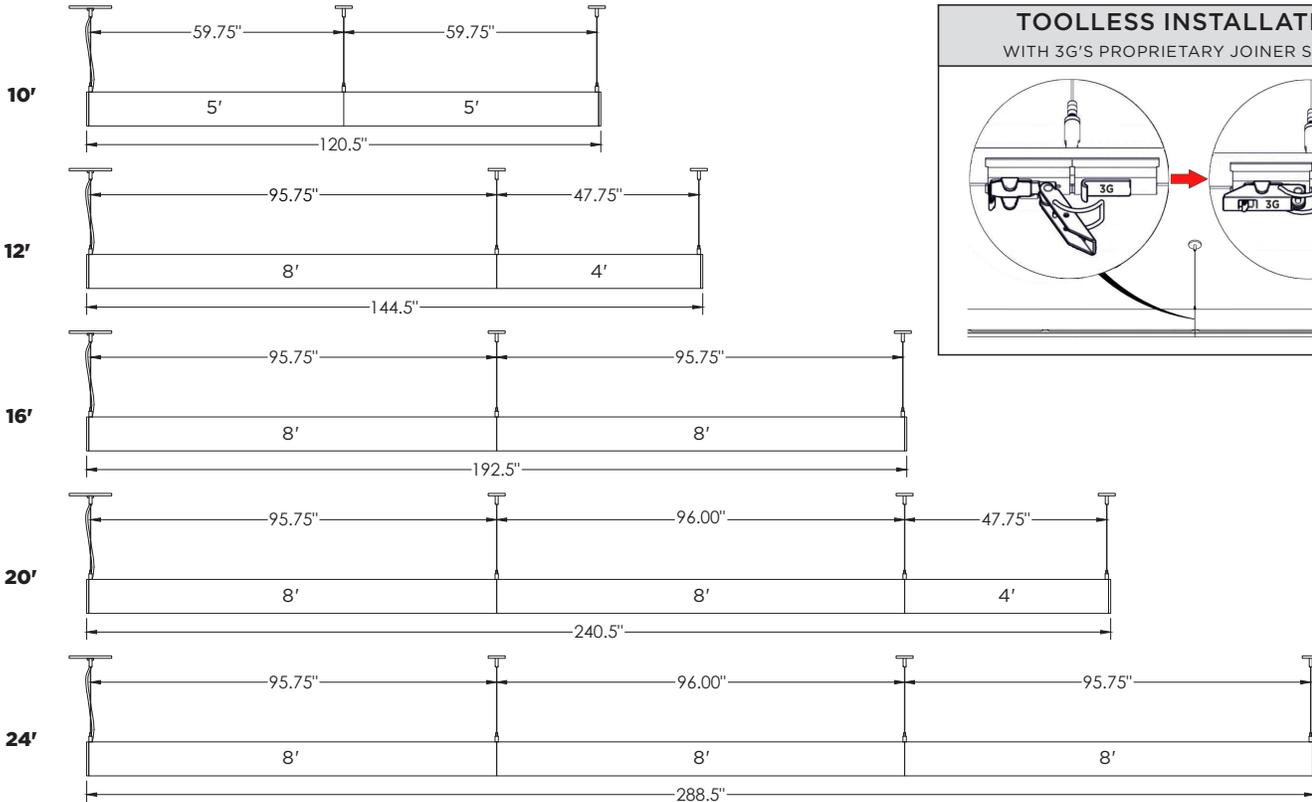
## PATTERNS

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)



**MOUNTING DETAILS**

