



3G-1PLI-DI

1.5" LINEAR PENDANT
DIRECT/INDIRECT
TUNABLE WHITE & RGBW

Narrow 1.5" 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 120 lumens per watt
Extruded acrylic lens with optimal performance and glare control
Widespread and asymmetric optics available
1% dimming standard with several integral driver options



3GT 3GB

ORDERING INFORMATION

PROJECT:		TYPE:	
CATALOG #:		DATE:	

CAT. NO	LED SOURCE	LUMEN OUTPUT (DIRECT)		LUMEN OUTPUT (INDIRECT)	CRI
3G-1PLI-DI	TW - TUNABLE WHITE (2700K-6500K)	D250 - LOW OUTPUT (250 LM/FT) ²		L250 - LOW OUTPUT (250 LM/FT) ²	S80 - 83+ CRI
	RGBW - INFINITE COLOUR ¹ (3500K WHITE)	D500 - MEDIUM OUTPUT (500 LM/FT)		L500 - MEDIUM OUTPUT (500 LM/FT)	H90 - 93+ CRI ¹
		D750 - HIGH OUTPUT (750 LM/FT)		L750 - HIGH OUTPUT (750 LM/FT)	
		D1000 - VERY HIGH OUTPUT (1000 LM/FT) ³		L1000 - VERY HIGH OUTPUT (1000 LM/FT) ³	
		DC ____ - CUSTOM OUTPUT (SPECIFY LM/FT) [*]		LC ____ - CUSTOM OUTPUT (SPECIFY LM/FT) [*]	
		*Specify custom lumen outputs in 50lm increments (ie: DC600, DC650, DC700) Custom output cannot exceed DC1000 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
UNV - 120-277V	D01 - 0-10V (100-0.1%)	FL - FLUSH		FL - FLUSH	WH - WHITE
	DALI - DALI (eldoLED, 100-1%)	DASY - ASYMMETRIC OPTIC ¹		WSO - WIDESPREAD OPTIC ¹	SV - SILVER
	DMX - DMX (100-1%) ¹			ASY - ASYMMETRIC OPTIC ^{1,3}	BK - BLACK
	DHLT - LUTRON T SERIES (100-0.1%) (2 CHANNEL TUNABLE WHITE)				
					All mounting canopies provided in white as standard
CABLE LENGTH	CIRCUITING	OPTIONS		LENGTH (FEET)	
60 - 60"	1C - 1 CIRCUIT	EMC - EMERGENCY CIRCUIT ⁴		S - ____' (STRAIGHT RUN) [*]	
120 - 120"	2C - 2 CIRCUIT			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)	
				* Individual units available from 2' to 8' Continuous runs available in 1' increments	

¹ RGBW LED source available with S80 (83+CRI) and DMX driver option only. Not available with widespread, asymmetric, or EM options

² 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

³ D1000 (1000LM/FT) not available for H90 (93+ CRI) or indirect asymmetric option

⁴ EMC (emergency circuit) options available for tunable white LED source only. Not available with RGBW

3GT - Tunable White

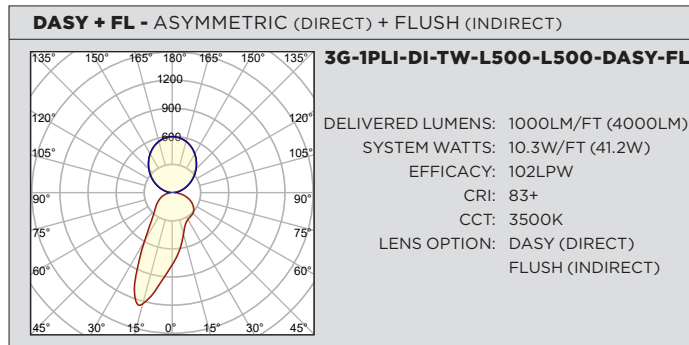
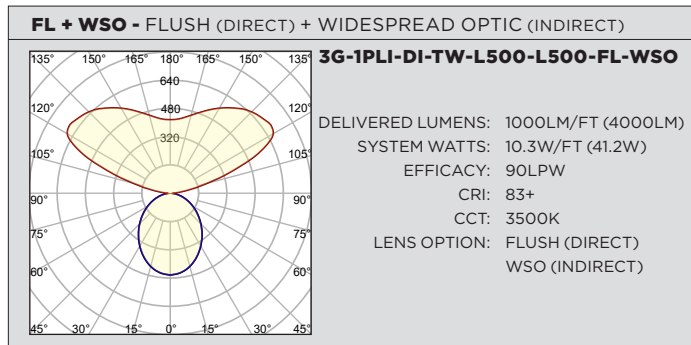
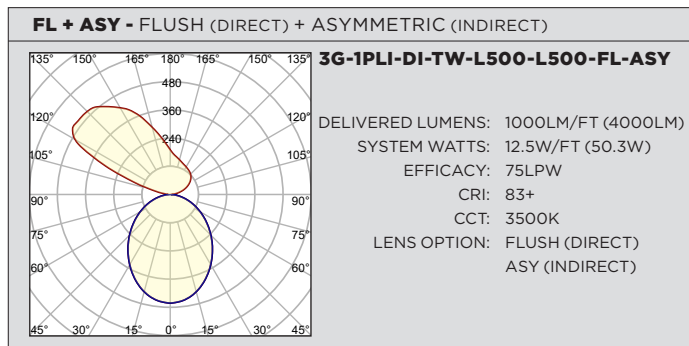
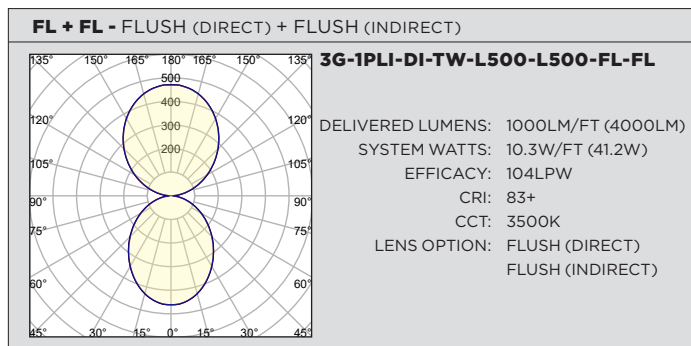
3GB - RGBW

MARCH 15, 2024

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	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT
2700K		250	250	500	3.0	1.9	4.9	84	120
		500	500	1000	6.1	4.2	10.3	81	116
		750	750	1500	9.4	6.1	15.5	80	115
		1000	1000	2000	12.5	8.6	21.0	79	114
3500K		250	250	500	3.0	1.9	4.9	90	129
		500	500	1000	6.1	4.2	10.3	88	128
		750	750	1500	9.4	6.1	15.5	85	123
		1000	1000	2000	12.5	8.6	21.0	83	118
6500K		250	250	500	3.0	1.9	4.9	102	145
		500	500	1000	6.1	4.2	10.3	103	144
		750	750	1500	9.4	6.1	15.5	98	141
		1000	1000	2000	12.5	8.6	21.0	92	132
EFFICACY (LPW)		CRI		Multiplier					
ADJUSTMENT FACTOR		93+		0.88					

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





LENS OPTION	DELIVERED LUMENS (LM/FT)			SYSTEM WATTS (W/FT)			EFFICACY (LPW)		
DIRECT + INDIRECT	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL
3500K	250	250	500	2.6	1.8	4.5	95	136	112
	500	500	1000	5.4	3.8	9.2	93	134	110
	750	750	1500	8.9	6.2	15.1	85	121	99
	1000	1000	2000	13.0	9.1	22.1	77	110	91
LUMINOUS INTENSITY PER LED	RGB	INTENSITY Min - Max (mcd)							
	RED	355 - 805							
	GREEN	710 - 1400							
	BLUE	140 - 355							

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

3G-1PLI-DI-RGBW-L500-L500-FL-FL

DELIVERED LUMENS: 1000LM/FT (4000LM)
 SYSTEM WATTS: 9.2W/FT (36.8W)
 EFFICACY: 110LPW
 CRI: 83+
 CCT: 3500K
 LENS OPTION: FLUSH (DIRECT)
 FLUSH (INDIRECT)

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 widespread and asymmetric optics available
Widespread Optic peak intensity at 120° with a minimum mounting distance of 18" from ceiling and wall

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)
White cable and white mounting canopies provided 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

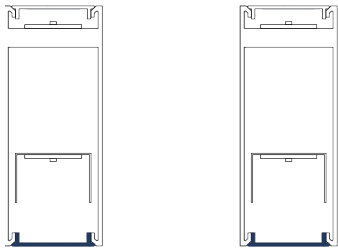
DRAWINGS AND DIMENSIONS



LENS OPTION

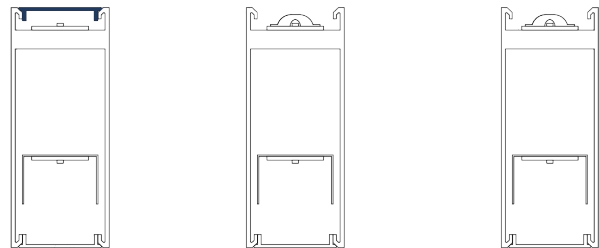
DIRECT LENS OPTION

FL - FLUSH **DASY - ASYMMETRIC**



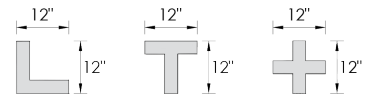
INDIRECT LENS OPTION

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



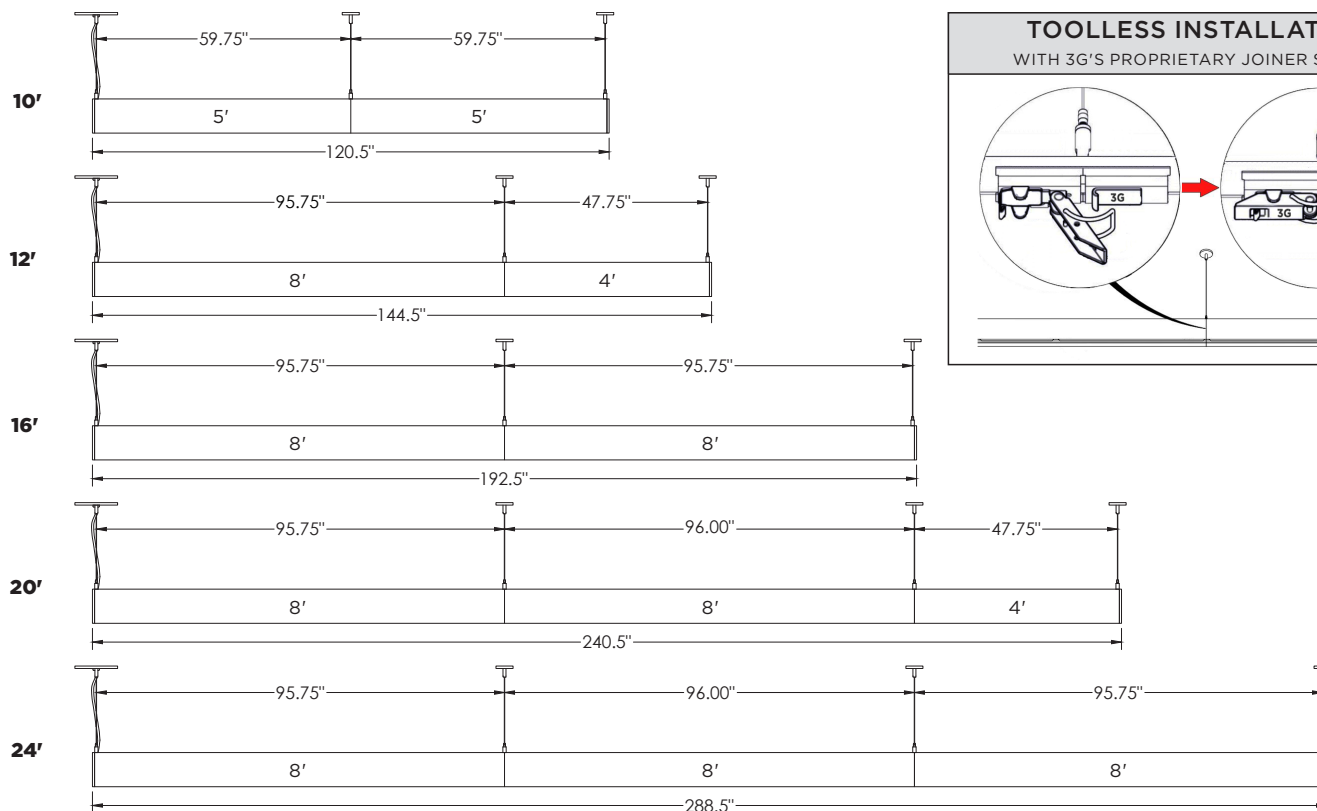
PATTERNS

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



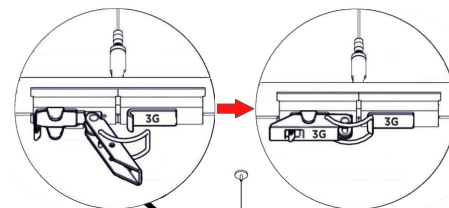
L-SHAPE	U-SHAPE	RECTANGLE/SQUARE	T-SHAPE	X-SHAPE
Provide dimensions of AxB Example: L - 6'x8'	Provide dimensions of AxBxC Example: U - 8'x10'x6'	Provide dimensions of AxB Example: R - 10'x8'	Provide dimensions of AxB Example: T - 14'x6'	Provide dimensions of AxB Example: X - 14'x14'

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



TOOLLESS INSTALLATION

WITH 3G'S PROPRIETARY JOINER SYSTEM



MOUNTING DETAILS

