

# 3G LIGHTING

## 3G-1PLI-I

1.5" LINEAR PENDANT  
INDIRECT ONLY



Narrow 1.5" aperture with one piece extruded aluminum housing  
Individual or continuous runs available in multiple run configurations  
Indirect distribution with multiple lumen output options  
LED system with performance up to 148 lumens per watt  
Extruded acrylic lens with optimal performance and glare control  
Widespread and Asymmetric optics available  
1% dimming standard with several driver options

<b>PROJECT:</b>		<b>TYPE:</b>	
<b>CATALOG#:</b>		<b>DATE:</b>	<b>QTY:</b>

CAT. NO	LUMEN OUTPUT	CRI	COLOR TEMP	VOLTAGE
<b>3G-1PLI-I</b>	<b>L250</b> - 250 LM/FT <sup>1</sup> <b>L500</b> - 500 LM/FT <b>L750</b> - 750 LM/FT <b>L1000</b> - 1000 LM/FT <sup>2</sup> <b>LC___</b> - CUSTOM OUTPUT (SPECIFY LM/FT) *  <small>*Specify custom lumen outputs in 50lm increments (ie: LC600, LC650, LC700) Custom output cannot exceed L1000</small>	<b>S80</b> - 80+ CRI <b>H90</b> - 90+ CRI	<b>27K</b> - 2700K <b>30K</b> - 3000K <b>35K</b> - 3500K <b>40K</b> - 4000K	<b>UNV</b> - 120/277V <b>347</b> - 347V

DRIVER	LENS OPTION	FINISH	CABLE LENGTH
<b>DIM</b> - 0-10V (100-1%) <b>DO1</b> - 0-10V (100-0.1%) <b>DALI</b> - DALI (100-1%) <sup>3</sup> <b>DHL2</b> - LUTRON HI-LUME (1% ECOSYSTEM) <b>DMX</b> - DMX (100-0%)	<b>FL</b> - FLUSH LENS <b>WSO</b> - WIDESPREAD OPTIC <b>ASY</b> - ASYMMETRIC LENS	<b>WH</b> - WHITE <b>BK</b> - BLACK <b>SV</b> - SILVER  <small>All mounting canopies provided in white as standard</small>	<b>60</b> - 60" <b>120</b> - 120"

OPTIONS	RUN TYPE
<b>EMB</b> - EMERGENCY BATTERY * (INTEGRAL) <b>EMC</b> - EMERGENCY CIRCUIT <b>MC2</b> - MULTIPLE CIRCUITS (2 ZONES) <b>MC3</b> - MULTIPLE CIRCUITS (3 ZONES)  <small>*Minimum 4' section</small>	<b>S</b> - ___' (STRAIGHT) * <b>L</b> - ___'X ___' (L-SHAPE) <b>U</b> - ___'X ___'X ___' (U-SHAPE) <b>R</b> - ___'X ___' (RECTANGLE/SQUARE)  <small>*Individual units available in 2', 3', 4', 5', 6', and 8' Continuous runs available in 1' increments as standard</small>

<sup>1</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>2</sup> L1000 (1000LM/FT) not available with H90 (90+ CRI)

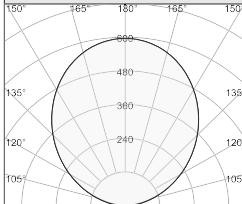
<sup>3</sup> DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options

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

LENS OPTION	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
<b>FLUSH</b>	250	1.7	146
	500	3.3	148
	750	5.2	144
	1000	7.2	137
<b>WIDESPREAD</b>	250	2.1	114
	500	4.6	107
	750	6.8	111
	1000	9.3	108
<b>ASYMMETRIC</b>	250	3.4	74
	500	6.5	77
	750	10.3	72
	1000	13.8	72

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

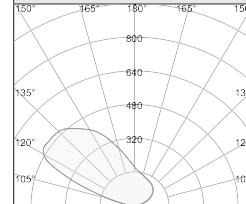
**FL - FLUSH LENS**



**3G-1PLI-I-L500-FL**

DELIVERED LUMENS: 500 LM/FT (2000LM)  
 SYSTEM WATTS: 3.3 W/FT (13.2W)  
 EFFICACY: 148 LPW  
 CRI: 80+  
 CCT: 3500K  
 LENS OPTION: FLUSH

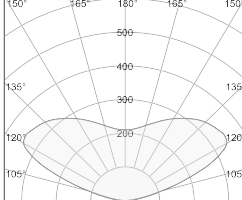
**ASY - ASYMMETRIC LENS**



**3G-1PLI-I-L500-ASY**

DELIVERED LUMENS: 500 LM/FT (2000LM)  
 SYSTEM WATTS: 6.5 W/FT (26.0W)  
 EFFICACY: 77 LPW  
 CRI: 80+  
 CCT: 3500K  
 LENS OPTION: ASYMMETRIC

**WSO - WIDESPREAD OPTIC**



**3G-1PLI-I-L500-WSO**

DELIVERED LUMENS: 500 LM/FT (2000LM)  
 SYSTEM WATTS: 4.6 W/FT (18.4W)  
 EFFICACY: 107 LPW  
 CRI: 80+  
 CCT: 3500K  
 LENS OPTION: WIDESPREAD

**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  
High performance widespread and asymmetric optics available  
Widespread Optic peak intensity at 120° with optimal mounting distance of 12" to 30" from ceiling

**LISTING**

ETL listed and conforms to UL1598 standard. Certified to CSA22.2 NO.250.0. Rated for indoor dry or 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

**ELECTRICAL**

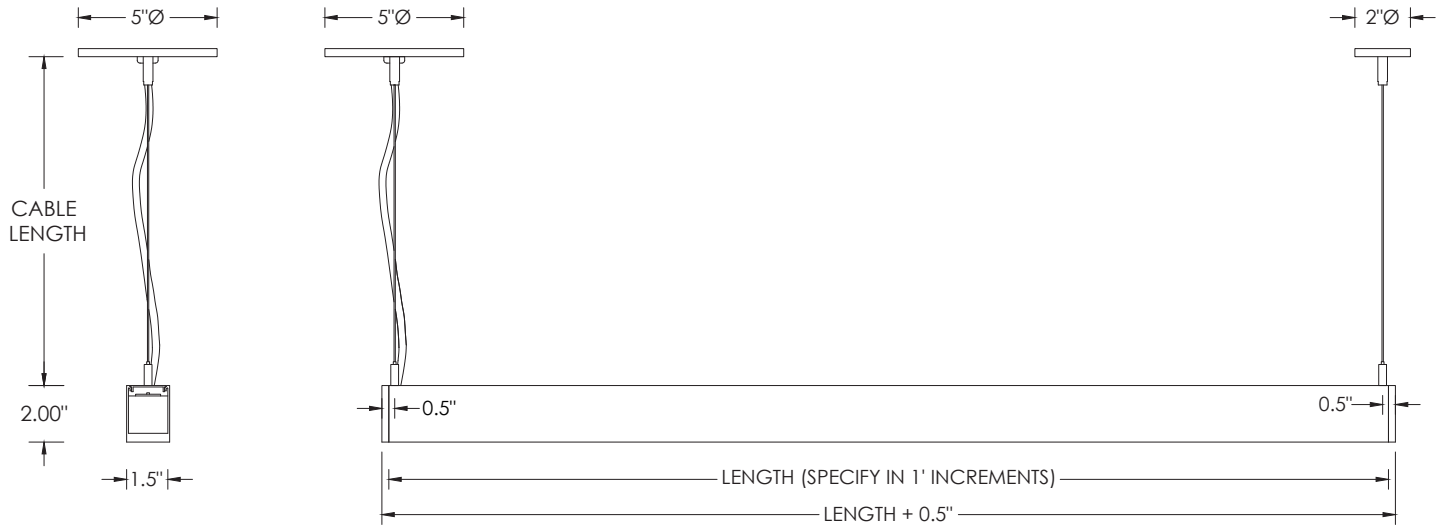
Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor  
Standard 120/277V universal voltage with several driver options  
Luminaires are pre-wired with factory installed quick connects and branch circuit wiring  
All drivers are integral and easily accessible through 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

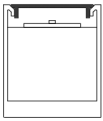
**MOUNTING**

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 lb/ft

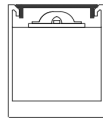


**LENS OPTION**

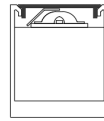
**FL - FLUSH**



**WSO - WIDESPREAD**



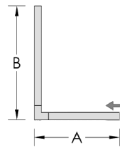
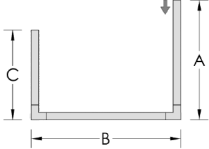
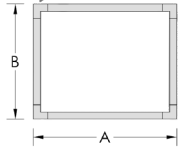
**ASY - ASYMMETRIC**



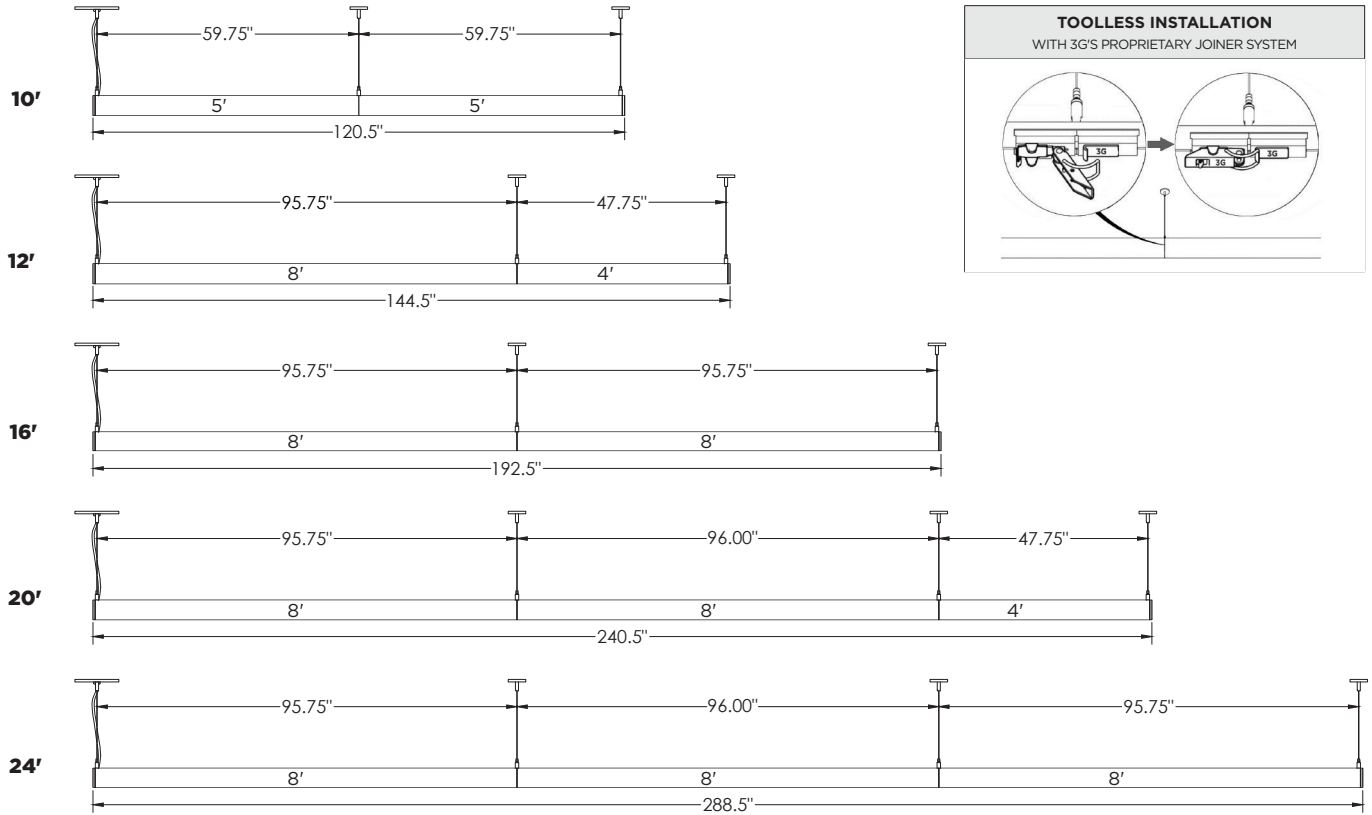
**PATTERNS**

Specify pattern shape and overall dimensions as shown below  
 Patterns are connected with fully illuminated 12"x12" L-shaped sections  
 Please consult factory for custom patterns and shapes not shown below



L-SHAPE	U-SHAPE	RECTANGLE/SQUARE
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'
		

**TYPICAL SECTION MOUNTING**



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

**MOUNTING DETAILS**

