

# 3G LIGHTING

## 3G-1PLI-D

1.5" LINEAR PENDANT  
DIRECT



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 111 lumens per watt  
Extruded acrylic lens with optimal performance and glare control  
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-D</b>	<b>D250</b> - 250 LM/FT <sup>1</sup> <b>D500</b> - 500 LM/FT <b>D750</b> - 750 LM/FT <b>D1000</b> - 1000 LM/FT <sup>2</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 D1000</small>	<b>S80</b> - 80+ CRI <sup>3</sup> <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 <sup>4</sup>

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>5</sup> <b>DHL2</b> - LUTRON HI-LUME (1% ECOSYSTEM) <b>DMX</b> - DMX (100-0%)	<b>FL</b> - FLUSH LENS <b>DASY</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"

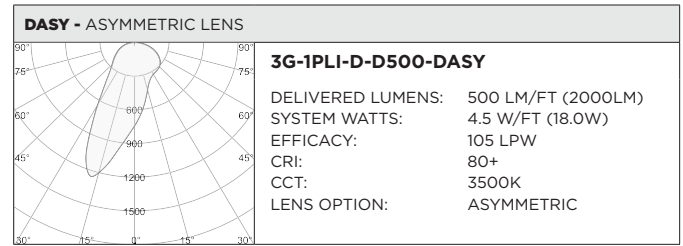
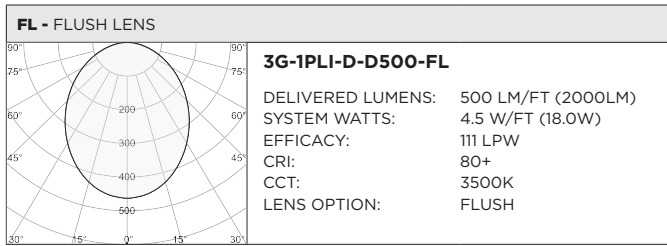
OPTIONS	RUN TYPE
<b>EMB</b> - EMERGENCY BATTERY * (INTEGRAL) <b>EMC</b> - EMERGENCY CIRCUIT <b>MC2</b> - MULTIPLE CIRCUITS (2 ZONES) <b>MC3</b> - MULTIPLE CIRCUITS (3 ZONES)  <small>*Minimum 4' section</small>	<b>S</b> - ___' (STRAIGHT) * <b>L</b> - ___'X ___' (L-SHAPE) <b>U</b> - ___'X ___'X ___' (U-SHAPE)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

<sup>1</sup> D250 (250LM/FT) not available in 2' length with DALI, DO1, DMX, or DHL2. Specify minimum DC350 for those driver options  
<sup>2</sup> D1000 (1000LM/FT) not available with H90 (90+ CRI)  
<sup>3</sup> S80 (80+ CRI) not available with 27K and 40K  
<sup>4</sup> 347 available in "DIM" 0-10V only (100-1%)  
<sup>5</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	2.3	110
	500	4.5	111
	750	7.2	105
	1000	9.9	101
<b>ASYMMETRIC</b>	250	2.3	106
	500	4.5	105
	750	7.2	102
	1000	9.9	102

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



**HOUSING**

Extruded aluminum housing with narrow 1.5" aperture  
 Die cast aluminum end caps add 1/4" to each end of luminaire  
 Individual units and continuous runs available in 1" increments as standard  
 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 LPW performance and glare control. Up to 8' continuous  
 High performance asymmetric optics available

**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**

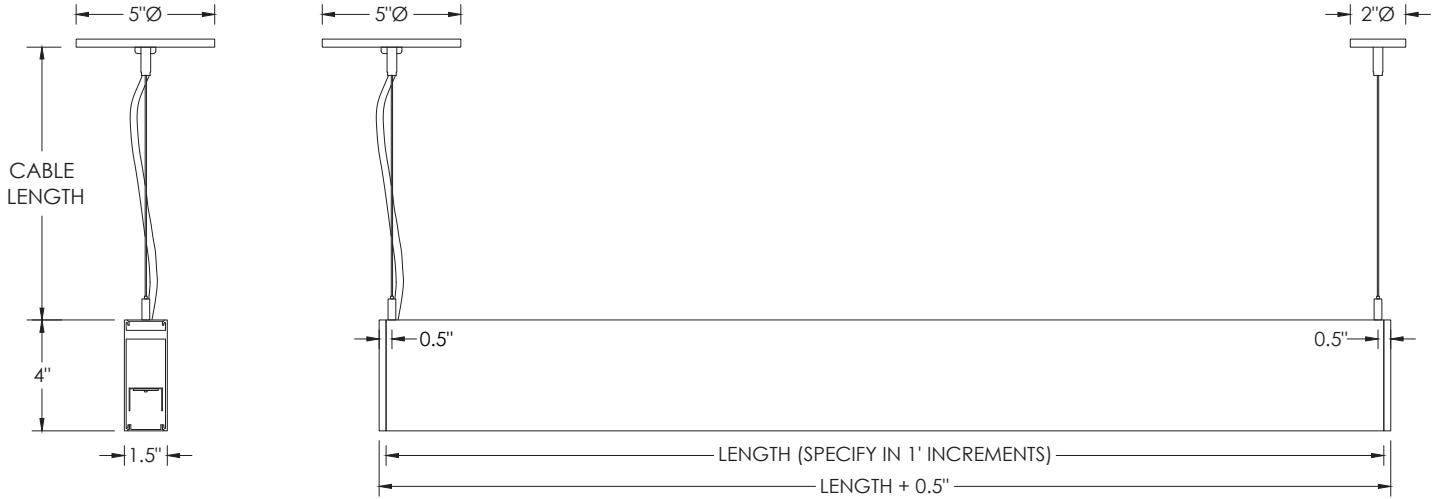
Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor  
 Standard 120/277V universal voltage with several driver options  
 Luminaires are pre-wired with factory installed quick connects and branch circuit wiring  
 All drivers are integral and easily accessible through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

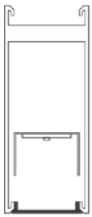
**MOUNTING**

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: +/- 2.5 lb/ft

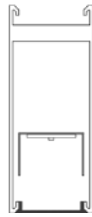


**LENS OPTION**

**FL - FLUSH**

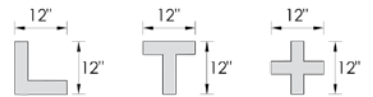


**DASY - ASYMMETRIC**



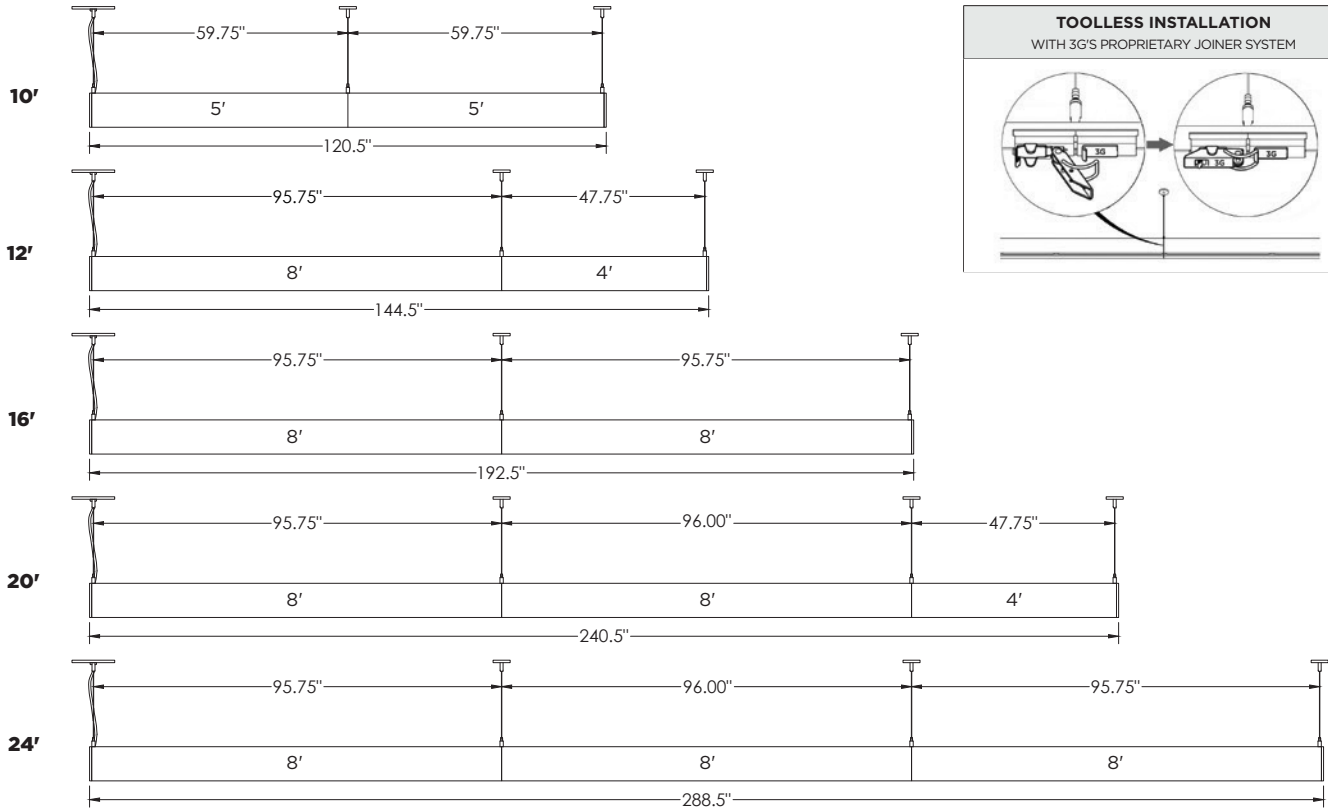
**PATTERNS**

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**



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

**MOUNTING DETAILS**

