

# 3G LIGHTING

## 3G-4PLI-DI

3.5" LINEAR PENDANT  
DIRECT/INDIRECT

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  
High-efficacy LED performance up to 159 lumens per watt  
Delivered lumen range up to 2040 lumens per foot  
Extruded acrylic lens available in flush, 1" and 2" drop lens options  
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 (DIRECT)	LUMEN OUTPUT (INDIRECT)	CRI
<b>3G-4PLI-DI</b>	<b>D250</b> - 250 LM/FT <b>D500</b> - 500 LM/FT <b>D750</b> - 750 LM/FT <b>D1000</b> - 1000 LM/FT <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 DLC minimum lumen output is 500 lm/ft</small>	<b>L250</b> - 250 LM/FT <b>L500</b> - 500 LM/FT <b>L750</b> - 750 LM/FT <sup>1</sup> <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 <sup>3</sup> <b>H90</b> - 90+ CRI  <small>*DLC listing available with 80CRI</small>

COLOR TEMP	VOLTAGE	DRIVER	LENS OPTION (DIRECT)	LENS OPTION (INDIRECT)
<b>27K</b> - 2700K <b>30K</b> - 3000K <b>35K</b> - 3500K <b>40K</b> - 4000K  <small>*DLC listing available with 35K</small>	<b>UNV</b> - 120/277V <b>347</b> - 347V <sup>4</sup>	<b>DIM</b> - 0-10V (100-1%) <b>D01</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>DD1</b> - 1" DROP LENS <sup>6</sup> <b>DD2</b> - 2" DROP LENS <sup>6</sup> <b>DWSO</b> - WIDESPREAD LENS (BATWING) <b>DASY</b> - ASYMMETRIC LENS	<b>FL</b> - FLUSH LENS <b>WSO</b> - WIDESPREAD OPTIC <b>ASY</b> - ASYMMETRIC LENS

FINISH	CABLE LENGTH	CIRCUITING	OPTIONS	RUN TYPE
<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"	<b>1C</b> - SINGLE CIRCUIT <b>2C</b> - DUAL CIRCUIT (SEPARATE DIRECT & INDIRECT)	<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) <b>BCN</b> - BLACK CANOPY <b>BC</b> - BLACK POWER CABLE	<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 3' to 8' Continuous runs available in 1" increments as standard</small>

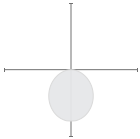
- L750 (750LM/FT) and 90CRI not available with ASY (indirect asymmetric option)
- L1000 (1000LM/FT) not available with ASY (indirect asymmetric option)
- S80 (80+ CRI) not available with 27K
- 347 available in "DIM" 0-10V only (100-1%)
- DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options
- DD1 (1" drop lens) and DD2 (2" drop lens) available with straight run type only

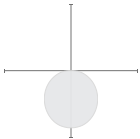


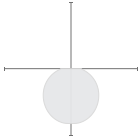
DLC listing starting at 500 lumens per foot (D500)  
Available with 80CRI and 3500K

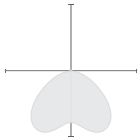
DELIVERED LUMENS PER FOOT BASED ON 80+ CRI 3500K LED SOURCE

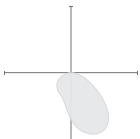
**DIRECT LENS OPTION**

FLUSH	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.8	142
	500	3.5	142
	750	5.4	138
	1000	7.4	135

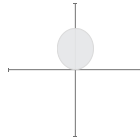
1" DROP	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.8	142
	500	3.5	142
	750	5.4	138
	1000	7.4	135

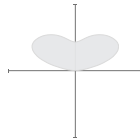
2" DROP	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.8	142
	500	3.5	142
	750	5.4	138
	1000	7.4	135

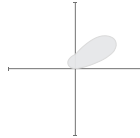
WIDESPREAD	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.7	144
	500	3.5	144
	750	5.3	141
	1000	7.3	138

ASYMMETRIC	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.8	142
	500	3.5	142
	750	5.2	143
	1000	7.2	140

**INDIRECT LENS OPTION**

FLUSH	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.6	159
	500	3.1	159
	750	4.6	162
	1000	6.4	156

WIDESPREAD	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.5	168
	500	3.0	168
	750	4.5	168
	1000	6.1	165

ASYMMETRIC	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.5	168
	500	3.0	168
	750	4.5	168
	1000	6.0	168

**LUMEN OUTPUT MULTIPLIERS**

COLOR TEMP	80+ CRI	90+ CRI
2700K	N/A	0.78
3000K	0.97	0.83
3500K	1.00	1.00
4000K	1.02	1.02

**HOUSING**

Extruded aluminum housing with 3.5" 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 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 asymmetric optics available  
Widespread Optic peak intensity at 120° with a minimum mounting distance of 18" from ceiling and wall

**LISTING**

ETL listed and conforms to UL1598 standard. Certified to CSA22.2 NO.250.0. Rated for indoor dry or damp locations  
DLC certified. Consult factory for details

**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

**EMERGENCY**

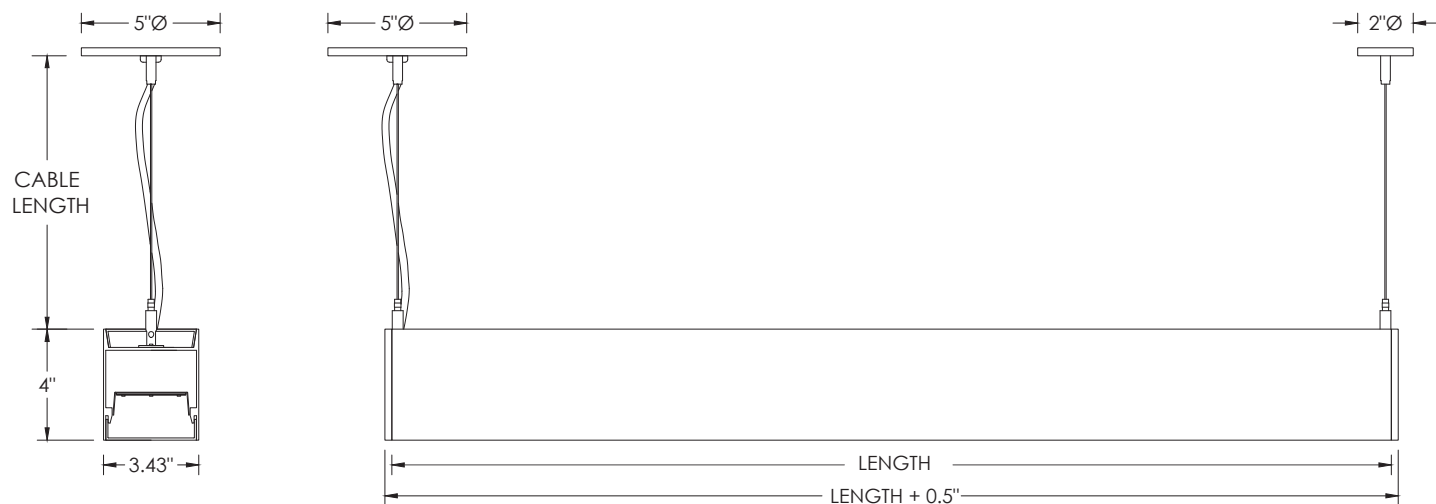
Integral batteries operate minimum 4' and maximum 6' sections.  
15W output (2175lm) for 90 minutes. Title 24 Certified  
4' section (+/- 540lm per foot at 80+ CRI)  
5' section (+/- 435lm per foot at 80+ CRI)  
6' section (+/- 360lm per foot at 80+ CRI)

**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**

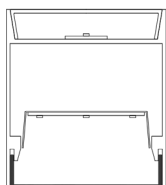
Toolless installation with 3G's proprietary mounting system  
Internal, toolless joiner system (latch and hook) easily connects multiple sections together  
LED reflectors remain within each fixture section during installation with 3G's click and lock spring system  
Adjustable aircraft cable suspension with locking fasteners (60" length standard)  
White cable and white mounting canopies provided as standard  
Suitable for various architectural ceilings (see mounting details)  
Fixture weight: +/- 3 lb/ft



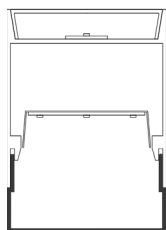
**LENS OPTION**

**DIRECT LENS OPTION**

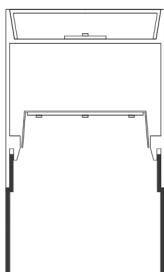
**FL - FLUSH**



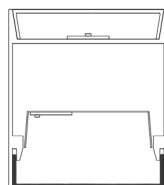
**DD1 - 1" DROP**



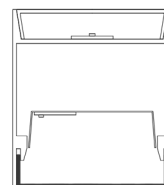
**DD2 - 2" DROP**



**DWSO - WIDESPREAD**

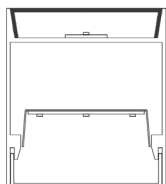


**DASY - ASYMMETRIC**

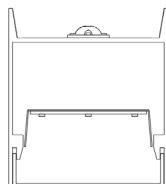


**INDIRECT LENS OPTION**

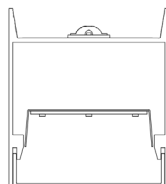
**FL - FLUSH**



**WSO - WIDESPREAD**



**ASY - ASYMMETRIC**

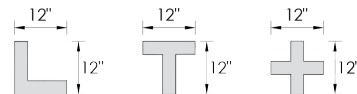


## PATTERNS

Specify pattern shape and overall dimensions as shown below

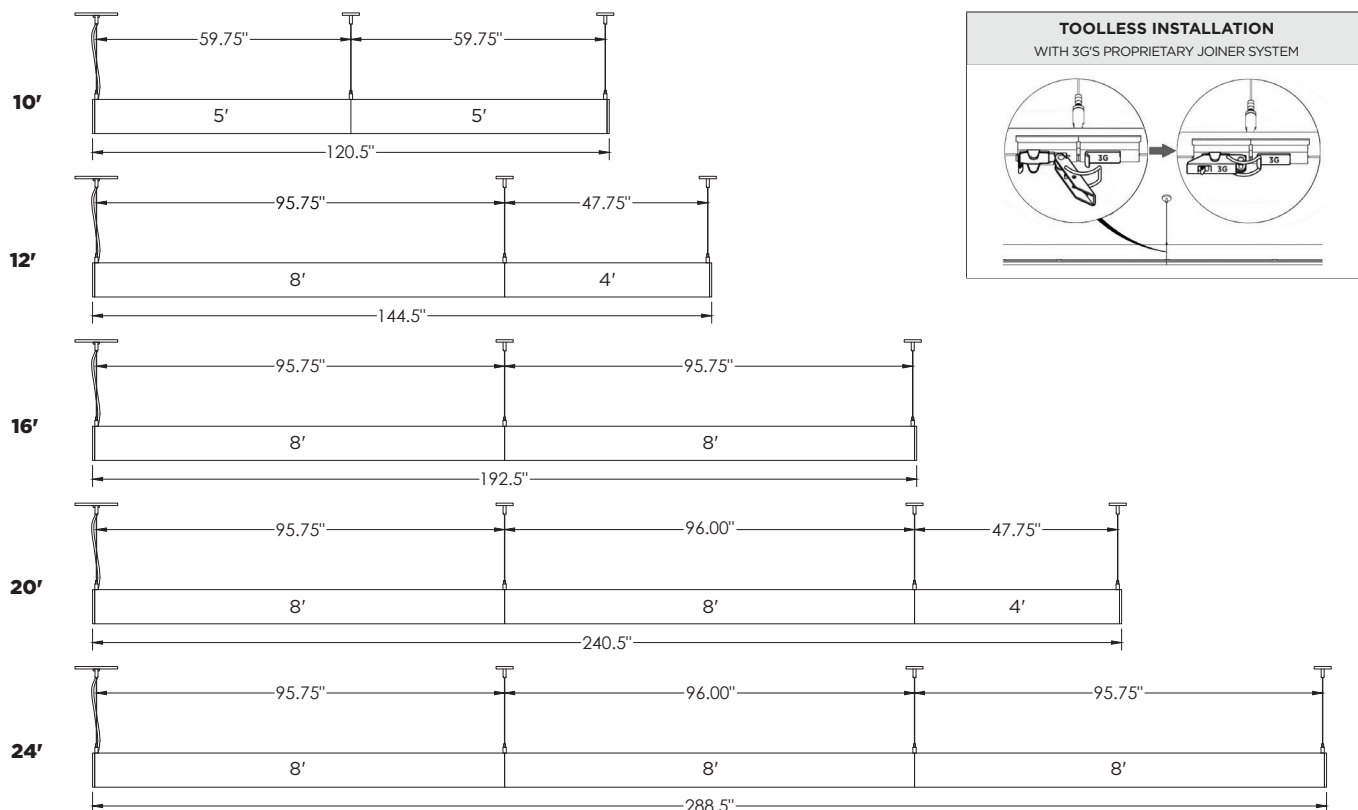
Patterns are connected with fully illuminated 12"x12" L, T, and X-shaped sections

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**

