

3G LIGHTING

3G-1PLI-DI

1.5" LINEAR PENDANT
DIRECT/INDIRECT

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
High-efficacy LED performance up to 134 lumens per watt
Delivered lumen range up to 2040 lumens per foot
Extruded acrylic lens available in flush and 0.5" drop lens options
Widespread and Asymmetric optics available
1% dimming standard with several driver options



PROJECT:		TYPE:		
CATALOG#:		DATE:	QTY:	
CAT. NO	LUMEN OUTPUT (DIRECT)	LUMEN OUTPUT (INDIRECT)	CRI	
3G-1PLI-DI	D250 - 250 LM/FT D500 - 500 LM/FT D750 - 750 LM/FT D1000 - 1000 LM/FT ¹ DC___ - CUSTOM OUTPUT (SPECIFY LM/FT) * <small>*Specify custom lumen outputs in 50lm increments (ie: DC600, DC650, DC700) Custom output cannot exceed D1000</small>	L250 - 250 LM/FT L500 - 500 LM/FT L750 - 750 LM/FT ² L1000 - 1000 LM/FT ² LC___ - CUSTOM OUTPUT (SPECIFY LM/FT) * <small>*Specify custom lumen outputs in 50lm increments (ie: LC600, LC650, LC700) Custom output cannot exceed L1000</small>	S80 - 80+ CRI ³ H90 - 90+ CRI	
COLOR TEMP	VOLTAGE	DRIVER	LENS OPTION (DIRECT)	LENS OPTION (INDIRECT)
27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	UNV - 120/277V 347 - 347V ⁴	DIM - 0-10V (100-1%) D01 - 0-10V (100-0.1%) DALI - DALI (100-1%) ⁵ DHL2 - LUTRON HI-LUME (1% ECOSYSTEM) DMX - DMX (100-0%)	FL - FLUSH LENS DD0.5 - 0.5" DROP LENS DWSO - WIDESPREAD LENS (BATWING) DASY - ASYMMETRIC LENS	FL - FLUSH LENS WSO - WIDESPREAD OPTIC ASY - ASYMMETRIC LENS
FINISH	CABLE LENGTH	CIRCUITING	OPTIONS	RUN TYPE
WH - WHITE BK - BLACK SV - SILVER <small>All mounting canopies provided in white as standard</small>	60" - 60" 120" - 120"	1C - SINGLE CIRCUIT 2C - DUAL CIRCUIT (SEPARATE DIRECT & INDIRECT)	EMB - EMERGENCY BATTERY * (INTEGRAL) EMC - EMERGENCY CIRCUIT MC2 - MULTIPLE CIRCUITS (2 ZONES) MC3 - MULTIPLE CIRCUITS (3 ZONES) BCN - BLACK CANOPY BC - BLACK POWER CABLE <small>*Minimum 4' section</small>	S - ___' (STRAIGHT) * 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) <small>*Individual units available from 4' to 8' Continuous runs available in 1" increments as standard</small>

¹ D1000 and L1000 (1000LM/FT) not available with H90 (90+ CRI)

² L750 (750LM/FT) and L1000 (1000LM/FT) not available with ASY (indirect asymmetric option)

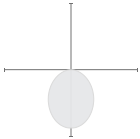
³ S80 (80+ CRI) not available with 27K

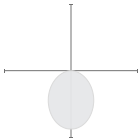
⁴ 347 available in "DIM" 0-10V only (100-1%)

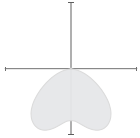
⁵ DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options

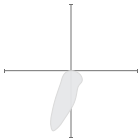
DELIVERED LUMENS PER FOOT BASED ON 80+ CRI 3500K LED SOURCE

DIRECT LENS OPTION

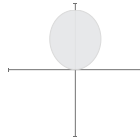
FLUSH	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	2.3	107
	500	4.7	107
	750	7.0	108
	1000	9.6	104

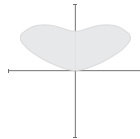
0.5" DROP	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	2.3	107
	500	4.7	107
	750	7.0	108
	1000	9.6	104

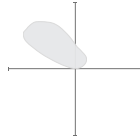
WIDESPREAD	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	2.2	112
	500	4.5	112
	750	6.9	109
	1000	9.4	107

ASYMMETRIC	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	2.2	112
	500	4.5	112
	750	6.5	115
	1000	9.0	111

INDIRECT LENS OPTION

FLUSH	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.6	155
	500	3.2	155
	750	4.9	155
	1000	6.6	152

WIDESPREAD	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.6	158
	500	3.2	158
	750	4.8	158
	1000	6.4	155

ASYMMETRIC	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.6	160
	500	3.1	160
	750	4.7	160
	1000	6.3	159

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 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 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

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

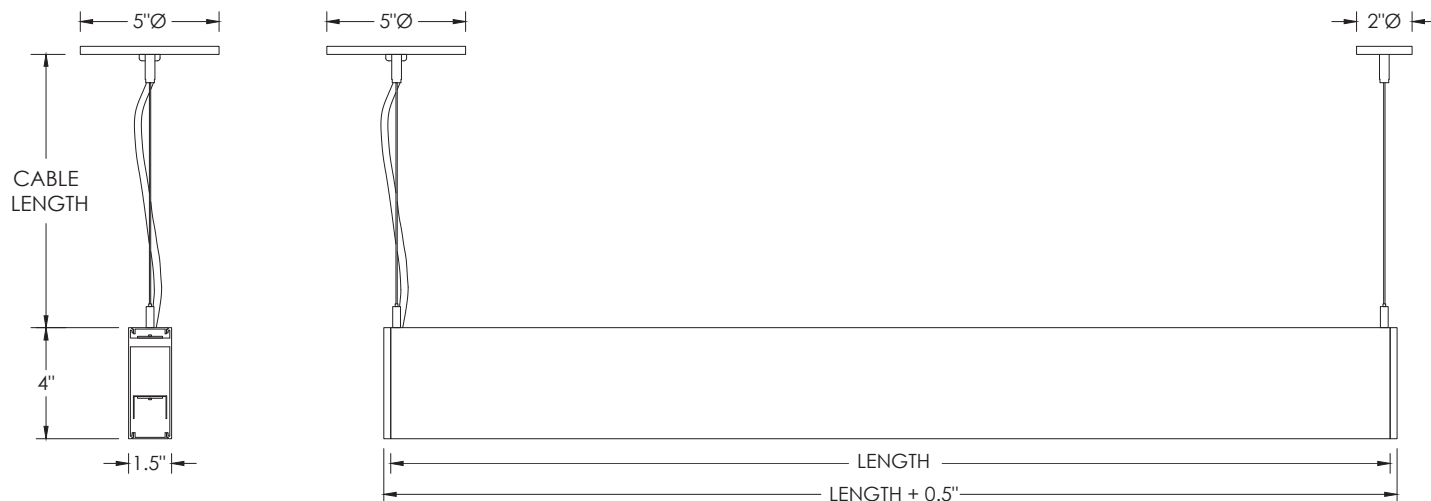
Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor
Standard 120/277V universal voltage with several driver options
Luminaires are pre-wired with factory installed quick connects and branch circuit wiring
All drivers are integral and easily accessible through luminaire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

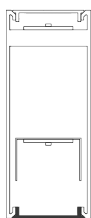
Toolless installation with 3G's proprietary mounting system
Internal, toolless joiner system (latch and hook) easily connects multiple sections together
LED reflectors remain within each fixture section during installation with 3G's click and lock spring system
Adjustable aircraft cable suspension with locking fasteners (60" length standard)
White cable and white mounting canopies provided as standard
Suitable for various architectural ceilings (see mounting details)
Fixture weight: +/- 2.5 lb/ft



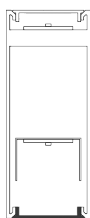
LENS OPTION

DIRECT LENS OPTION

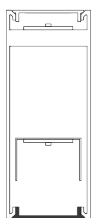
FL - FLUSH



DWSO - WIDESPREAD

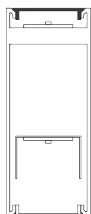


DASY - ASYMMETRIC

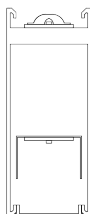


INDIRECT LENS OPTION

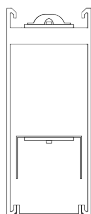
FL - FLUSH



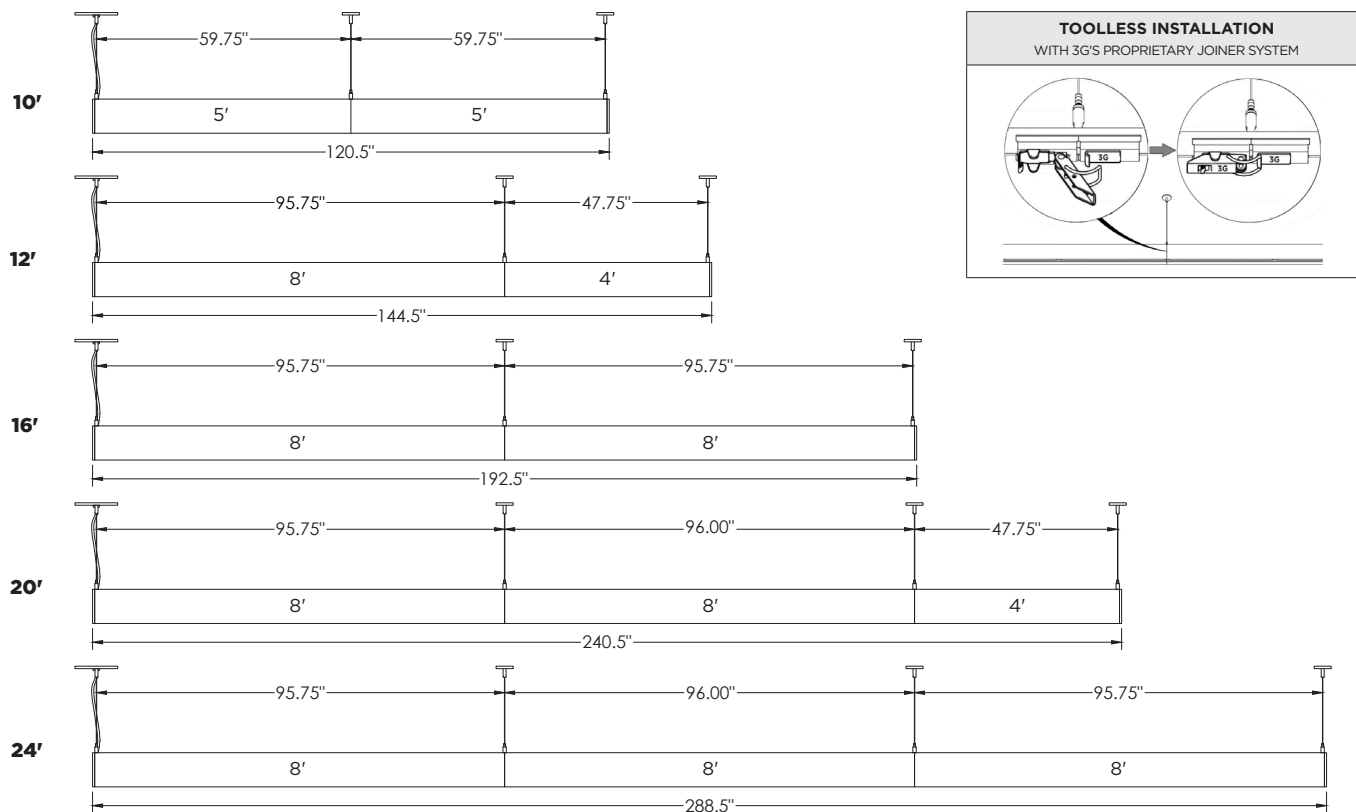
WSO - WIDESPREAD



ASY - ASYMMETRIC

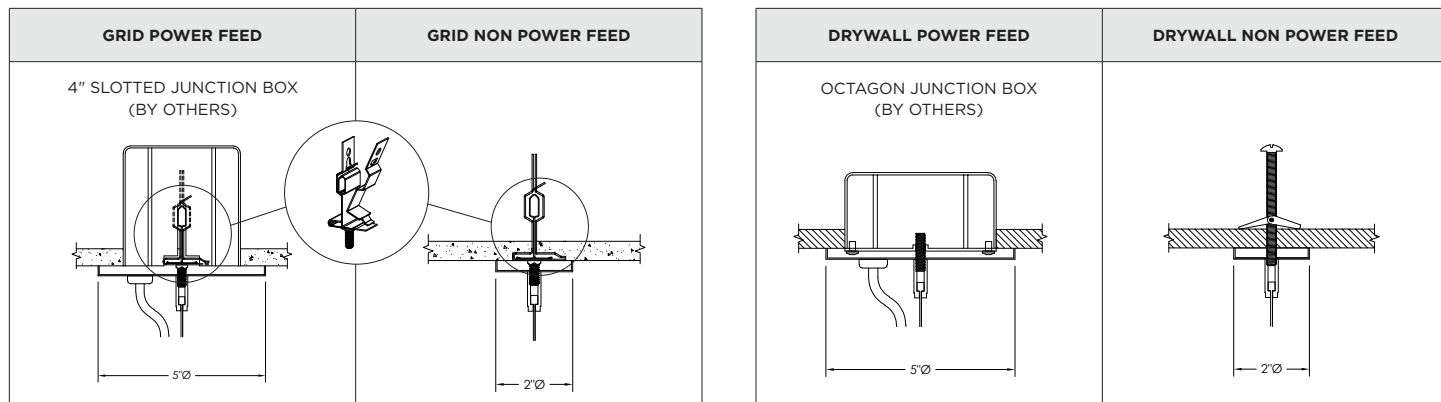


TYPICAL SECTION MOUNTING



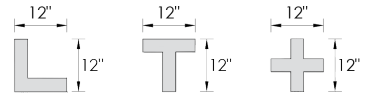
NOTE:
Run lengths and configurations not shown are available in 1" increments as standard

MOUNTING DETAILS



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: 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'