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
LED system with performance up to 146 lumens per watt
Extruded acrylic lens with optimal performance and glare control
Widespread and Asymmetric optics available
1% dimming standard with several driver options

PROJECT:		TYPE:		
CATALOG#:		DATE:	QTY:	

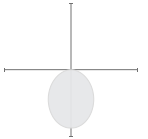| CAT. NO	LUMEN OUTPUT (DIRECT)	LUMEN OUTPUT (INDIRECT)	CRI
3G-1PLI-DI	**D250** - 250 LM/FT **D500** - 500 LM/FT **D750** - 750 LM/FT **D1000** - 1000 LM/FT [1] **DC___** - CUSTOM OUTPUT (SPECIFY LM/FT) * *Specify custom lumen outputs in 50lm increments (ie: DC600, DC650, DC700) Custom output cannot exceed D1000	**L250** - 250 LM/FT **L500** - 500 LM/FT **L750** - 750 LM/FT [2] **L1000** - 1000 LM/FT [2] **LC___** - CUSTOM OUTPUT (SPECIFY LM/FT) * *Specify custom lumen outputs in 50lm increments (ie: LC600, LC650, LC700) Custom output cannot exceed L1000	**S80** - 80+ CRI [3] **H90** - 90+ CRI

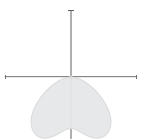| COLOR TEMP	VOLTAGE	DRIVER	LENS OPTION (DIRECT)	LENS OPTION (INDIRECT)
27K - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K	**UNV** - 120/277V **347** - 347V [4]	**DIM** - 0-10V (100-1%) **D01** - 0-10V (100-0.1%) **DALI** - DALI (100-1%) [5] **DHL2** - LUTRON HI-LUME (1% ECOSYSTEM) **DMX** - DMX (100-0%)	**FL** - FLUSH LENS **DWSO** - WIDESPREAD LENS (BATWING) **DASY** - ASYMMETRIC LENS	**FL** - FLUSH LENS **WSO** - WIDESPREAD OPTIC **ASY** - ASYMMETRIC LENS

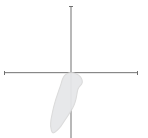| FINISH	CABLE LENGTH	CIRCUITING	OPTIONS	RUN TYPE
WH - WHITE **BK** - BLACK **SV** - SILVER All mounting canopies provided in white as standard	**60"** - 60" **120"** - 120"	**1C** - SINGLE CIRCUIT **2C** - DUAL CIRCUIT (SEPARATE DIRECT & INDIRECT)	**EMB** - EMERGENCY BATTERY * (INTEGRAL) **EMC** - EMERGENCY CIRCUIT **MC2** - MULTIPLE CIRCUITS (2 ZONES) **MC3** - MULTIPLE CIRCUITS (3 ZONES) **BCN** - BLACK CANOPY **BC** - BLACK POWER CABLE *Minimum 4' section	**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) *Individual units available from 4' to 8' Continuous runs available in 1" increments as standard

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

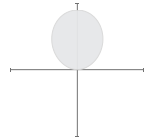## DELIVERED LUMENS PER FOOT BASED ON 80+ CRI 3500K LED SOURCE
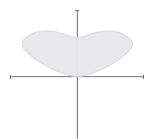
DIRECT LENS OPTION

FLUSH	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	2.2	112
	500	4.4	112
	750	6.8	110
	1000	9.3	107
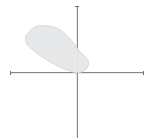
WIDESPREAD	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	2.2	112
	500	4.5	112
	750	6.8	110
	1000	9.4	107

ASYMMETRIC	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	2.1	118
	500	4.2	118
	750	6.5	115
	1000	8.9	112

INDIRECT LENS OPTION

FLUSH	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.3	192
	500	2.6	192
	750	4.0	189
	1000	5.4	186

WIDESPREAD	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.5	172
	500	2.9	172
	750	4.4	169
	1000	6.0	167

ASYMMETRIC	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.4	173
	500	2.9	173
	750	4.4	170
	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	0.86
4000K	1.02	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 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

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)
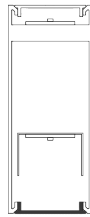Fixture weight: +/- 2.5 lb/ft

5"∅   5"∅   2"∅

CABLE LENGTH

4"

1.5"
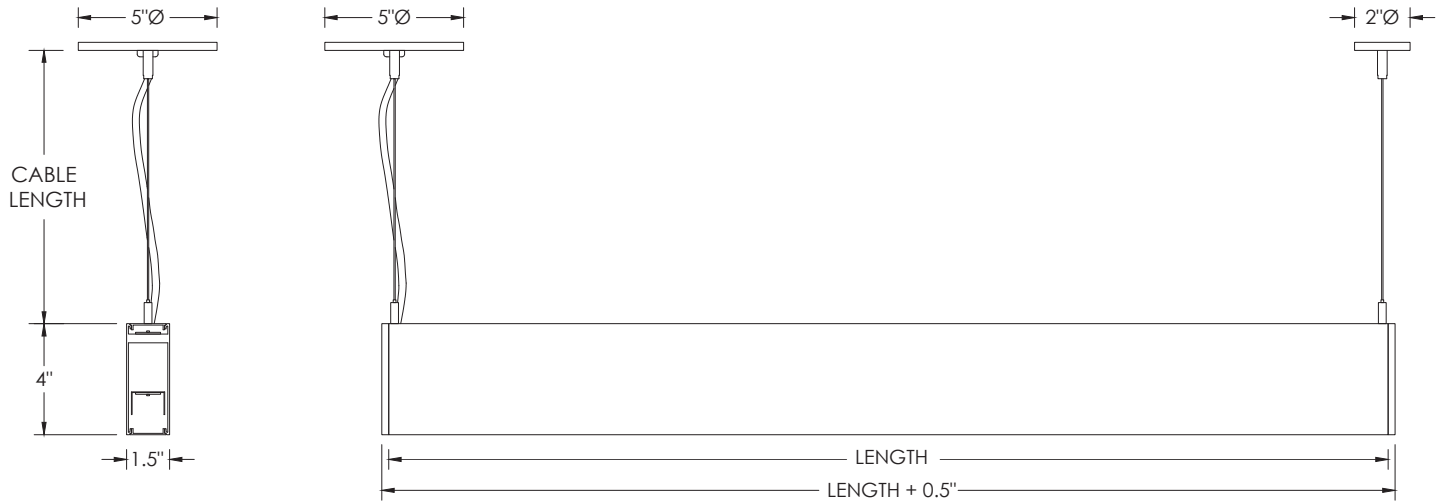
LENGTH
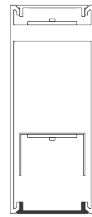LENGTH + 0.5"

LENS OPTION

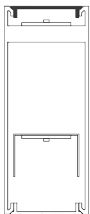### DIRECT LENS OPTION
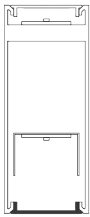
FL - FLUSH

DWSO - WIDESPREAD

DASY - ASYMMETRIC

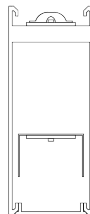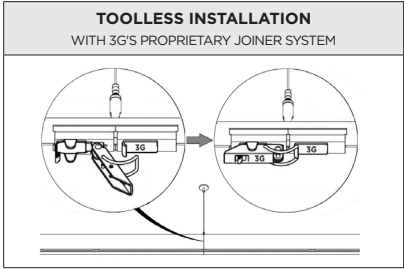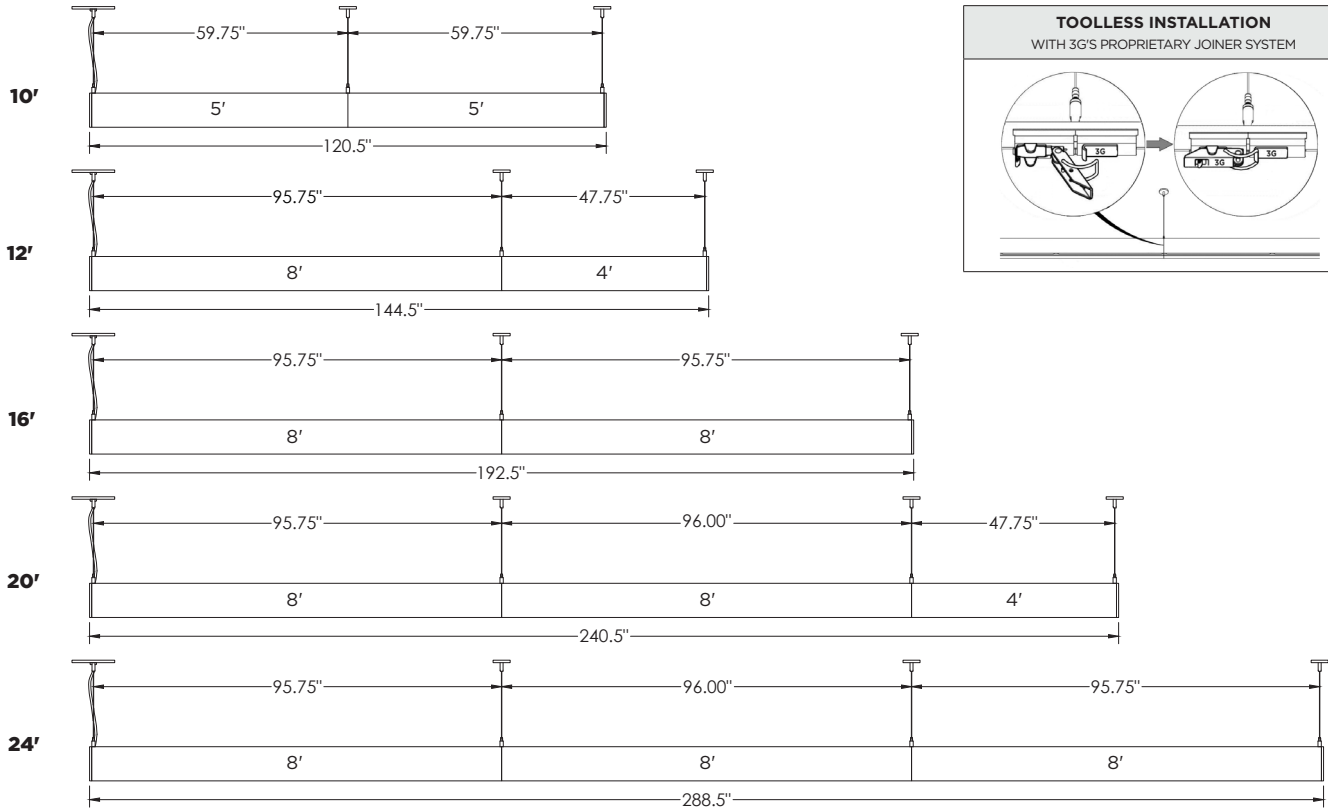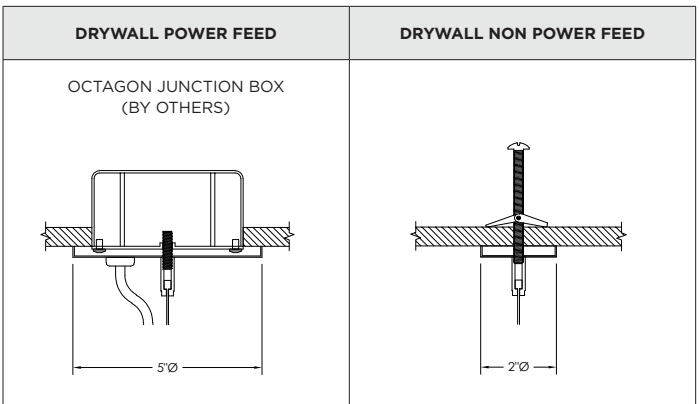### INDIRECT LENS OPTION

FL - FLUSH

WSO - WIDESPREAD

ASY - ASYMMETRIC
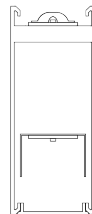
TYPICAL SECTION MOUNTING

10' — 59.75" / 59.75" / 5' / 5' / 120.5"

12' — 95.75" / 47.75" / 8' / 4' / 144.5"

16' — 95.75" / 95.75" / 8' / 8' / 192.5"

20' — 95.75" / 96.00" / 47.75" / 8' / 8' / 4' / 240.5"

24' — 95.75" / 96.00" / 95.75" / 8' / 8' / 8' / 288.5"

TOOLLESS INSTALLATION
WITH 3G'S PROPRIETARY JOINER SYSTEM


NOTE:

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

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MOUNTING DETAILS

GRID POWER FEED	GRID NON POWER FEED		DRYWALL POWER FEED	DRYWALL NON POWER FEED
4" SLOTTED JUNCTION BOX (BY OTHERS)			OCTAGON JUNCTION BOX (BY OTHERS)	
5"Ø	2"Ø		5"Ø	2"Ø
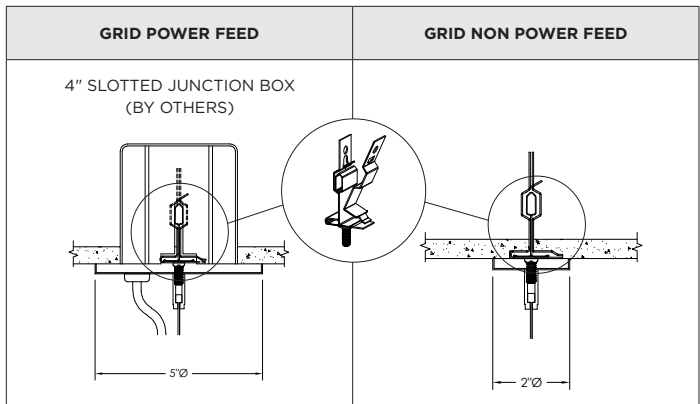
PATTERNS

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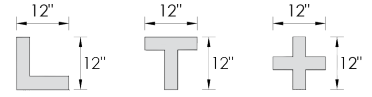
L-SHAPE	U-SHAPE	RECTANGLE/SQUARE	T-SHAPE	X-SHAPE
Provide dimensions of AxB Example: **L** - 6'x8'	Provide dimensions of AxBxC Example: **U** - 8'x10'x6"	Provide dimensions of AxB Example: **R** - 10'x8'	Provide dimensions of AxB Example: **T** - 14'x6'	Provide dimensions of AxB Example: **X** - 14'x14'