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) * *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 **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 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)

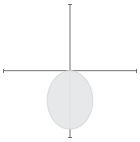
3 S80 (80+ CRI) not available with 27K

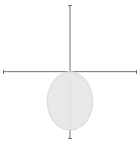
4 347 available in "DIM" 0-10V only (100-1%)

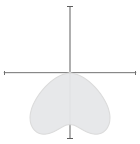
5 DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options

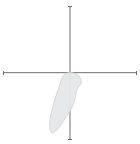
DELIVERED LUMENS PER FOOT BASED ON 80+ CRI 3500K LED SOURCE

DIRECT LENS OPTION

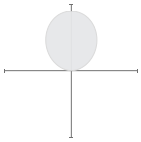
FLUSH	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	2.3	107
	500	4.7	107
	750	7.0	108
	1000	9.6	104

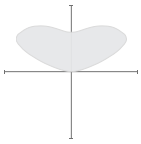
0.5" DROP	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	2.3	107
	500	4.7	107
	750	7.0	108
	1000	9.6	104

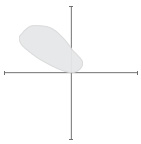
WIDESPREAD	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	2.2	112
	500	4.5	112
	750	6.9	109
	1000	9.4	107

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

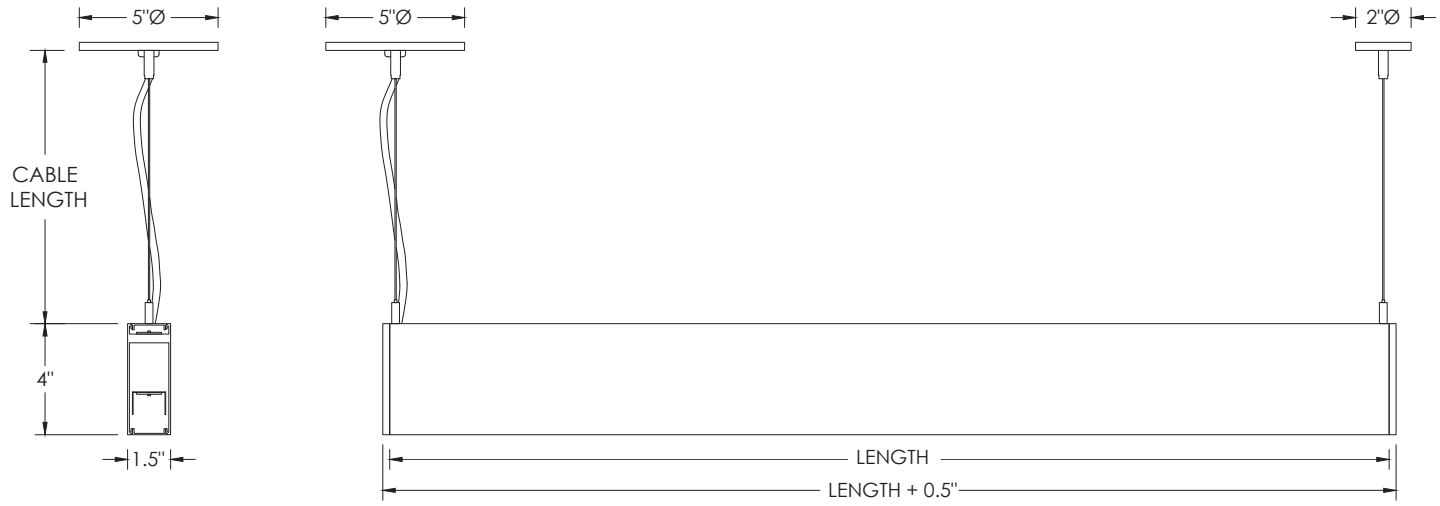
Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor
Standard 120/277V universal voltage with several driver options
Luminaires are pre-wired with factory installed quick connects and branch circuit wiring
All drivers are integral and easily accessible through luminaire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

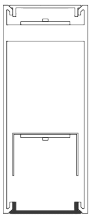
Toolless installation with 3G's proprietary mounting system
Internal, toolless joiner system (latch and hook) easily connects multiple sections together
LED reflectors remain within each fixture section during installation with 3G's click and lock spring system
Adjustable aircraft cable suspension with 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



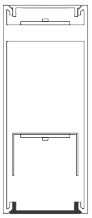
LENS OPTION

DIRECT LENS OPTION

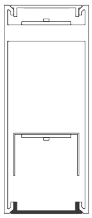
FL - FLUSH



DWSO - WIDESPREAD

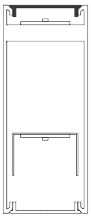


DASY - ASYMMETRIC

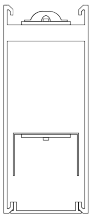


INDIRECT LENS OPTION

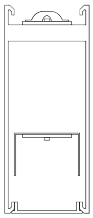
FL - FLUSH



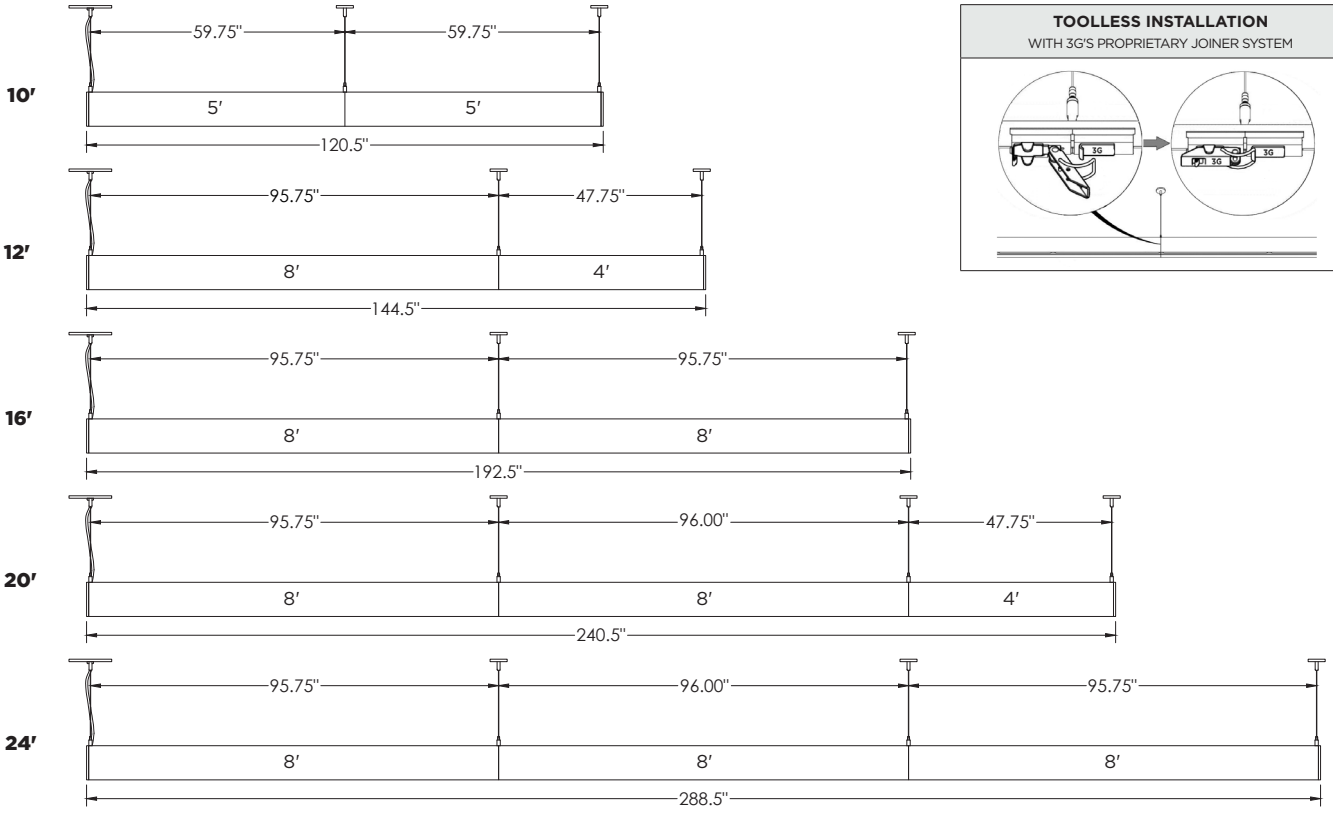
WSO - WIDESPREAD



ASY - ASYMMETRIC



TYPICAL SECTION MOUNTING

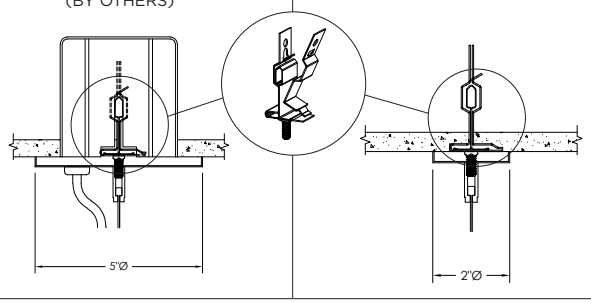


TOOLLESS INSTALLATION
WITH 3G'S PROPRIETARY JOINER SYSTEM

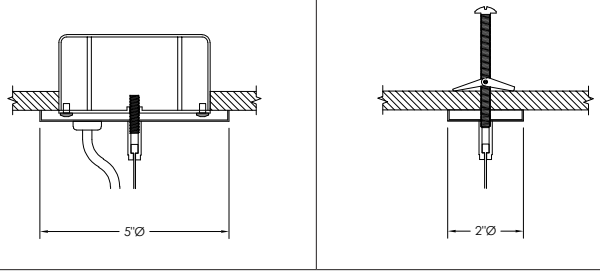
NOTE:
Run lengths and configurations not shown are available in 1" increments as standard

MOUNTING DETAILS

GRID POWER FEED	GRID NON POWER FEED
4" SLOTTED JUNCTION BOX (BY OTHERS)	

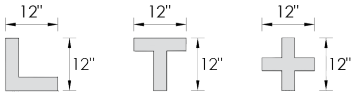


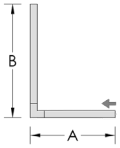
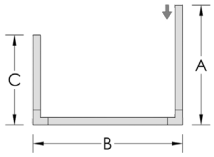
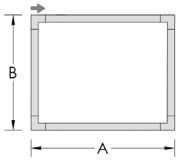
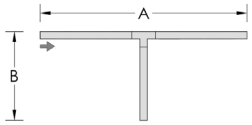
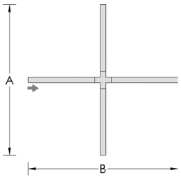
DRYWALL POWER FEED	DRYWALL NON POWER FEED
OCTAGON JUNCTION BOX (BY OTHERS)	



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'
				

Declare® is a product transparency program administered by the International Living Future Institute (ILFI), providing standardized disclosure of product ingredients, manufacturing location, service life, end-of-life pathways, and Living Building Challenge compliance status.

PRODUCT FAMILY COVERAGE — LINEAR SYSTEMS

Linear luminaires for suspended, surface, and recessed applications, including perimeter conditions, wall grazing, acoustic lighting, acoustic integration, low-glare multicell runs, and linear systems with integrated downlight modules. Available with flush and drop lens options, multiple distributions including batwing and asymmetric, and a range of lengths and output levels.

LBC RED LIST FREE

This product family carries a Declare® designation of LBC Red List Free, the highest designation within the Declare program. Products with this designation contain no intentionally added Red List chemicals above applicable Declare reporting thresholds and have been evaluated against the Living Building Challenge Red List.

BUILDING CERTIFICATION PROGRAMS

Material transparency documentation is increasingly requested as part of building certification programs and owner standards. Declare labels may be used as supporting documentation for project teams pursuing:

- Living Building Challenge (LBC)
- WELL Building Standard™ v1
- WELL Building Standard™ v2
- LEED®
- Other material disclosure and material health initiatives

Project certification requirements are determined at the building level and should be evaluated by the project team.

Declare℠

Linear Systems
3G Lighting

Final Assembly: Woodbridge, Ontario, Canada
Life Expectancy: 7+ Year(s)
End of Life Options: Recyclable (95%), Landfill (5%)

Ingredients:

Aluminum UNS A96063; Steel, cold roll UNS G10080; 2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethyl 2-propenoate; Copper UNS C11000; 2-Propenoic acid, butyl ester, polymer with ethenylbenzene and 2-propenenitrile; Carbonic dichloride, polymer with 4,4′-(1-methylethylidene)bis[phenol]; Polyethylene Terephthalate; Pulp, cellulose; Aluminum diethylphosphinate; Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated; Distillates (petroleum), hydrotreated heavy naphthenic; Polypropylene; Paper; Tin, Organic; Starch, base-hydrolyzed, borated; 2,4,8,10-Tetraoxa-3,9-diphosphaspiro[5.5]undecane, 3,9-bis[2,4-bis(1,1-dimethylethyl)phenoxy]-; Vinyl acetate; Phosphorus; Iron; Zinc; 1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-

Living Building Challenge Criteria: Compliant

I-13 Red List:
■ LBC Red List Free
☐ LBC Red List Approved
☐ Declared

% Disclosed: 100% at 100ppm
VOC Content: Not Applicable

I-10 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

XXX-XXXX
EXP. 01 JUN 2027
Original Issue Date: 2026

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare