3G-1PLI-I

1.5" LINEAR PENDANT
INDIRECT ONLY
TUNABLE WHITE & RGBW



Narrow 1.5" aperture with one piece extruded aluminum housing
Individual or continuous runs available in multiple run configurations
Indirect distribution with multiple lumen output options
LED system with performance up to 145 lumens per watt
Extruded acrylic lens with optimal performance and glare control
Widespread and Asymmetric optics available
1% dimming standard with several driver options

3GT 3GB

ORDERING INFORMATION

PROJECT:		**TYPE:**	
CATALOG #:		**DATE:**	

CAT. NO	LED SOURCE	LUMEN OUTPUT	CRI	VOLTAGE
3G-1PLI-I	**TW** - TUNABLE WHITE (2700K-6500K) **RGBW** - INFINITE COLOUR [1] (3500K WHITE)	**L250** - LOW OUTPUT (250 LM/FT) [2] **L500** - MEDIUM OUTPUT (500 LM/FT) **L750** - HIGH OUTPUT (750 LM/FT) **L1000** - VERY HIGH OUTPUT (1000 LM/FT) [3] **LC____** - CUSTOM OUTPUT (SPECIFY LM/FT)* *Specify custom lumen outputs in 50lm increments (ie: LC600, LC650, LC700) Custom output cannot exceed LC1000	**S80** - 83+ CRI **H90** - 93+ CRI [1]	**UNV** - 120/277V

DRIVER	LENS OPTION	FINISH	CABLE LENGTH
D01 - 0-10V (100-0.1%) **DALI** - DALI (eldoLED, 100-1%) [3] **DHLT** - LUTRON T SERIES (100-0.1%) (2 CHANNEL TUNABLE WHITE) **DMX** - DMX (100-1%)	**FL** - FLUSH LENS **WSO** - WIDESPREAD OPTIC [1] **ASY** - ASYMMETRIC OPTIC [1,3]	**WH** - WHITE (STANDARD) **SV** - SILVER **BK** - BLACK All mounting canopies provided in white as standard	**60"** - 60" (STANDARD) **120"** - 120"

OPTIONS	LENGTH (FEET)	
EMC - EMERGENCY CIRCUIT [4]	**S** - ____' (STRAIGHT RUN)* **L** - ____'X ____' (L-SHAPE) **U** - ____'X ____' X ____' (U-SHAPE) **R** - ____'X ____' (RECTANGLE/SQUARE) *Individual units available from 2' to 8' Continuous runs available in 1' increments	

1 RGBW LED source available with S80 (83 +CRI) and DMX driver option only. Not available with asymmetric optic or EM options
2 L250 (250LM/FT) not available in 2' and 3' lengths. Specify LC400 for 2' and 3' fixture lengths when outputs lower than 500LM/FT are required
3 L1000 (1000LM/FT) not available for H90 (93+ CRI) or indirect asymmetric option
4 EMC (emergency circuit) options available for tunable white LED source only. Not available with RGBW

3GT - Tunable White
3GB - RGBW

JANUARY 4, 2024

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5 YEAR LIMITED WARRANTY

3G-1PLI-I

1.5" LINEAR PENDANT - INDIRECT ONLY TUNABLE WHITE

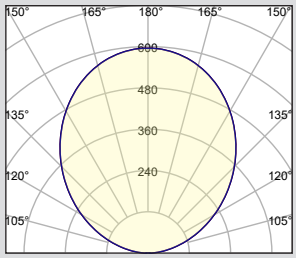
PERFORMANCE CHART BASED ON 4' LENGTH WITH FLUSH LENS (TUNABLE WHITE AND 83+ CRI)

FLUSH	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
2700K	250	1.9	120
	500	4.2	116
	750	6.1	115
	1000	8.6	114
3500K	250	1.9	129
	500	4.2	128
	750	6.1	123
	1000	8.6	118
6500K	250	1.9	145
	500	4.2	144
	750	6.1	141
	1000	8.6	132

EFFICACY (LPW) ADJUSTMENT FACTOR	CRI	Multiplier
	93+	0.88

PHOTOMETRY BASED ON 4' LENGTH (83+ CRI AND 3500K SOURCE)

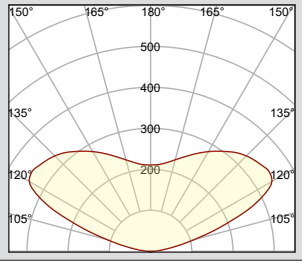
FL - FLUSH



3G-1PLI-I-TW-L500-FL

DELIVERED LUMENS: 500LM/FT (2000LM)
SYSTEM WATTS: 4.2W/FT (16.8W)
EFFICACY: 128LPW
CRI: 83+
CCT: 3500K
LENS OPTION: FLUSH

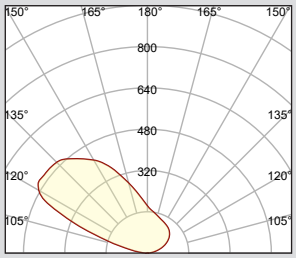
WSO - WIDESPREAD OPTIC



3G-1PLI-I-TW-L500-WSO

DELIVERED LUMENS: 500LM/FT (2000LM)
SYSTEM WATTS: 4.2W/FT (16.8W)
EFFICACY: 94LPW
CRI: 83+
CCT: 3500K
LENS OPTION: WIDESPREAD

ASY - ASYMMETRIC OPTIC



3G-1PLI-I-TW-L500-ASY

DELIVERED LUMENS: 500LM/FT (2000LM)
SYSTEM WATTS: 4.2W/FT (16.8W)
EFFICACY: 58LPW
CRI: 83+
CCT: 3500K
LENS OPTION: ASYMMETRIC

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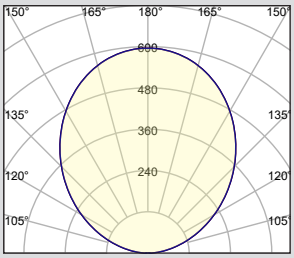
PERFORMANCE CHART BASED ON 4' LENGTH (RGBW WITH 83+ CRI AND 3500K SOURCE)

FLUSH	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
3500K	250	1.8	136
	500	3.8	134
	750	6.2	121
	1000	9.1	110

LUMINOUS INTENSITY PER LED	RGB	INTENSITY Min - Max (mcd)
	RED	355 – 805
	GREEN	710 – 1400
	BLUE	140 – 355

PHOTOMETRY BASED ON 4' LENGTH (83+ CRI AND 3500K SOURCE)

FL - FLUSH



3G-1PLI-I-RGBW-L500-FL

DELIVERED LUMENS: 500LM/FT (2000LM)
SYSTEM WATTS: 3.8W/FT (15.2W)
EFFICACY: 134LPW
CRI: 83+
CCT: 3500K
LENS OPTION: FLUSH

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1.5" LINEAR PENDANT - INDIRECT ONLY TUNABLE WHITE

TECHNICAL

HOUSING

Extruded aluminum housing with narrow 1.5" aperture
Machined aluminum end caps add 1/4" to each end of luminaire
Individual units and continuous runs available in 1' increments
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
High performance widespread and asymmetric optics available
Widespread Optic peak intensity at 120° with optimal mounting distance of 12" to 30" from ceiling

ELECTRICAL

Luminaires are pre-wired with factory installed quick connects and branch circuit wiring
Multiple driver options available for tunable white LED system
DMX driver option for RGBW system with RDM control and 100-0% dimming range
All drivers are integral and easily accessible through luminaire aperture

LED SYSTEM FOR TUNABLE WHITE (TW)

Proprietary LED system with color consistency <3 SDCM
2700K-6500K CCT range
Standard 83+CRI. Optional 93+CRI. (R9 value of 56 for 93+CRI)
L90 >60,000 hours
5 Year Warranty

LED SYSTEM FOR RGBW

Proprietary LED system with color consistency <3 SDCM
White LED available in 35K with 83+ CRI
L80 >72,000 hours
Red (335-805 mcd)
Green (710-1400 mcd)
Blue (140-355 mcd)
5 Year Warranty

MOUNTING

Toolless installation with 3G's proprietary mounting system
Internal, toolless joiner system (latch and hook) easily connects multiple sections together
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 lbs/ft

LISTING

ETL listed and tested to cUL standards. Suitable for dry and 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

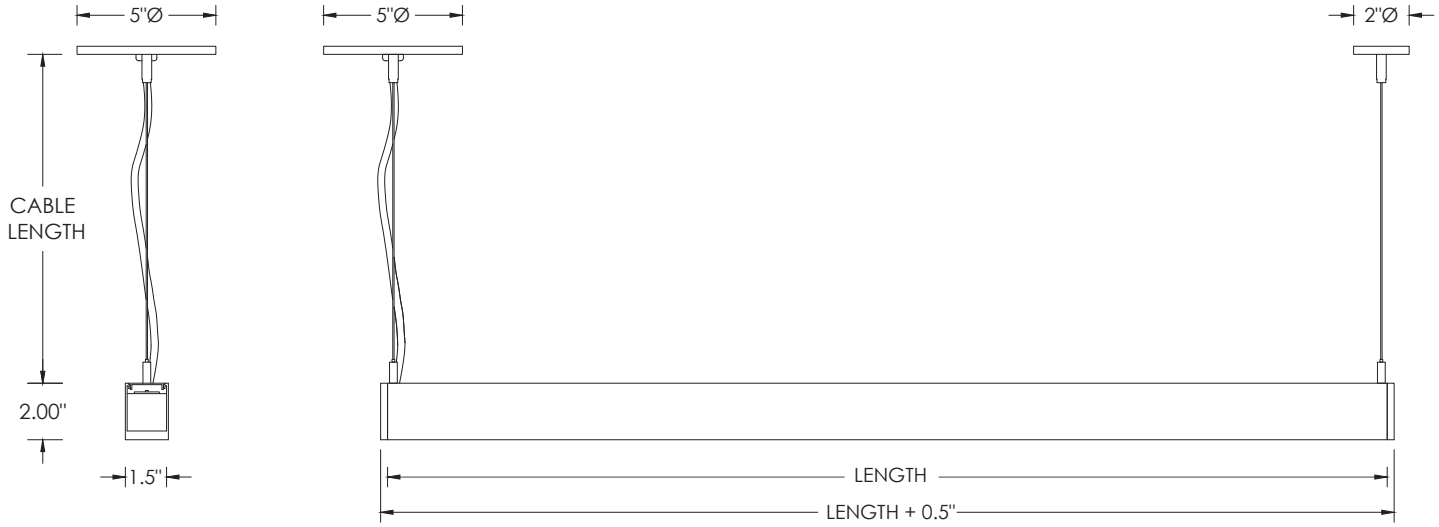
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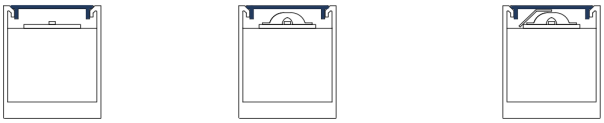
1.5" LINEAR PENDANT - INDIRECT ONLY TUNABLE WHITE

DRAWINGS AND DIMENSIONS



LENS OPTION

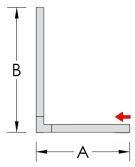
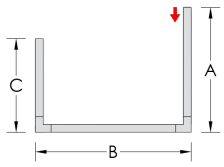
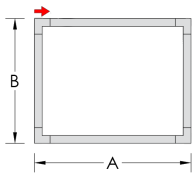
FL - FLUSH **WSO -** WIDESPREAD **ASY -** ASYMMETRIC



PATTERNS

Specify pattern shape and overall dimensions as shown below
Patterns are connected with 12"x12" L-shaped sections
Please consult factory for custom patterns not shown below



L-SHAPE	U-SHAPE	RECTANGLE/SQUARE
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'
		

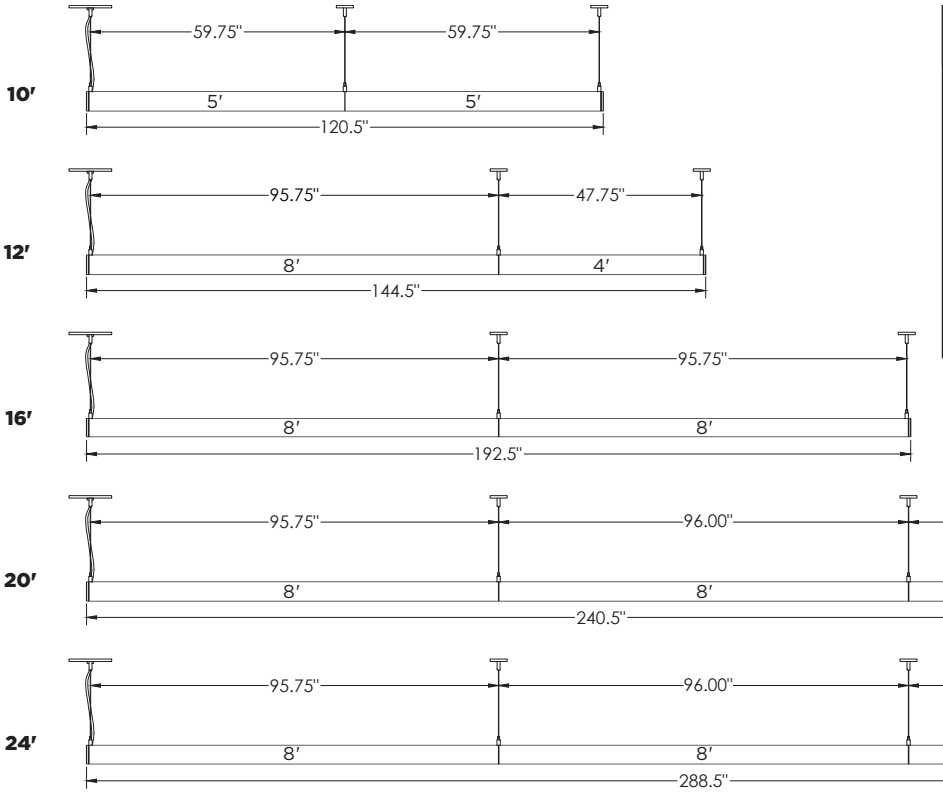
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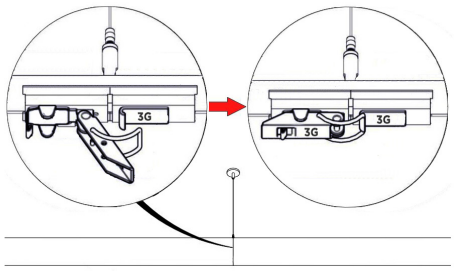
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TYPICAL SECTION MOUNTING (AVAILABLE IN 1' INCREMENTS AS STANDARD)



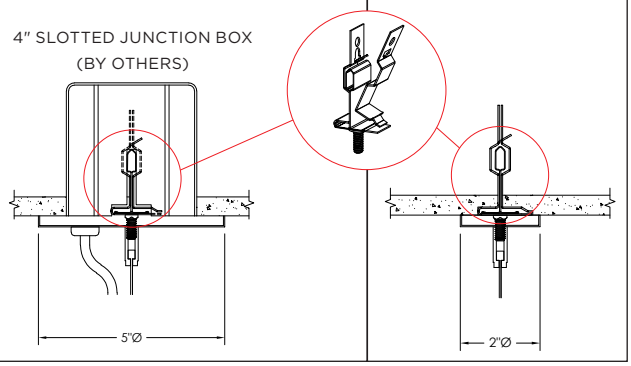
TOOLLESS INSTALLATION

WITH 3G'S PROPRIETARY JOINER SYSTEM

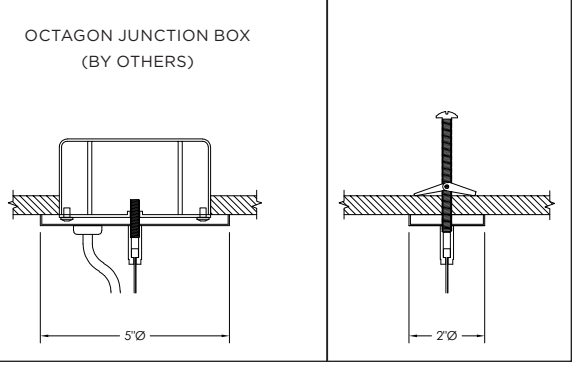


MOUNTING DETAILS

GRID POWER FEED	GRID NON POWER FEED



DRYWALL POWER FEED	DRYWALL NON POWER FEED



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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

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