



3G-2PLI-DI

2" LINEAR PENDANT
DIRECT/INDIRECT
TUNABLE WHITE & RGBW



Narrow 2" 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 141 lumens per watt
Extruded acrylic lens available in flush, 1" and 2" drop lens options
Widespread and asymmetric optics available
1% dimming standard with several integral driver options

3GT **3GB**

ORDERING INFORMATION

PROJECT:		TYPE:	
CATALOG #:		DATE:	

CAT. NO	LED SOURCE	LUMEN OUTPUT (DIRECT)	LUMEN OUTPUT (INDIRECT)	CRI
3G-2PLI-DI	TW - TUNABLE WHITE (2700K-6500K) RGBW - INFINITE COLOUR ¹ (3500K WHITE)	D250 - LOW OUTPUT (250 LM/FT) ²	L250 - LOW OUTPUT (250 LM/FT) ²	S80 - 83+ CRI H90 - 93+ CRI ¹
		D500 - MEDIUM OUTPUT (500 LM/FT)	L500 - MEDIUM OUTPUT (500 LM/FT)	
		D750 - HIGH OUTPUT (750 LM/FT)	L750 - HIGH OUTPUT (750 LM/FT)	
		D1000 - VERY HIGH OUTPUT (1000 LM/FT) ³	L1000 - VERY HIGH OUTPUT (1000 LM/FT) ³	
		DC ____ - CUSTOM OUTPUT (SPECIFY LM/FT) [*]	LC ____ - CUSTOM OUTPUT (SPECIFY LM/FT) [*]	
		*Specify custom lumen outputs in 50lm increments (ie: DC600, DC650, DC700) Custom output cannot exceed DC1000 Lumen outputs suitable for white LED source only		

VOLTAGE	DRIVER	LENS OPTION (DIRECT)	LENS OPTION (INDIRECT)	FINISH
UNV - 120-277V	DO1 - 0-10V (100-0.1%)	FL - FLUSH	FL - FLUSH	WH - WHITE
	DALI - DALI (eidoLED, 100-1%)	DD1 - 1" DROP LENS ⁴	WSO - WIDESPREAD OPTIC ¹	SV - SILVER
	DMX - DMX (eidoLED, 100-1%) ¹	DD2 - 2" DROP LENS ⁴	ASY - ASYMMETRIC OPTIC ^{1,3}	BK - BLACK
	DHLT - LUTRON T SERIES (100-0.1%) (2 CHANNEL TUNABLE WHITE)	DASY - ASYMMETRIC OPTIC ¹		
				All mounting canopies provided in white as standard

CABLE LENGTH	CIRCUITING	OPTIONS	LENGTH (FEET)
60 - 60" 120 - 120"	1C - 1 CIRCUIT 2C - 2 CIRCUIT	EMC - EMERGENCY CIRCUIT ⁵	S - ____' (STRAIGHT RUN) [*] 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 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 widespread, asymmetric, or EM options
² D250 (250LM/FT) not available in 2' and 3' lengths. Specify DC400 for 2' and 3' fixture lengths when outputs lower than 500LM/FT are required
³ D1000 (1000LM/FT) not available for H90 (93+ CRI) or indirect asymmetric option
⁴ DD1 (1" drop lens) and DD2 (2" drop lens) available with straight run type only
⁵ EMC (emergency circuit) options available for tunable white LED source only. Not available with RGBW

3GT - Tunable White
3GB - RGBW

MARCH 15, 2024





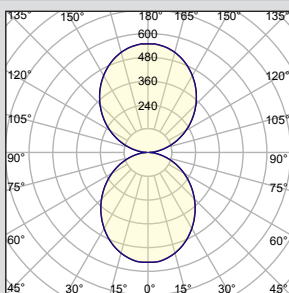
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2" LINEAR PENDANT
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PERFORMANCE CHART BASED ON 4' LENGTH WITH FLUSH LENS (TUNABLE WHITE AND 83+ CRI)

LENS OPTION	DELIVERED LUMENS (LM/FT)			SYSTEM WATTS (W/FT)			EFFICACY (LPW)		
	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL
2700K	250	250	500	2.3	1.6	3.9	104	148	123
	500	500	1000	4.6	3.5	8.1	100	143	118
	750	750	1500	7.0	5.0	12.0	99	142	117
	1000	1000	2000	9.7	6.9	16.6	98	140	116
3500K	250	250	500	2.3	1.6	3.9	111	159	131
	500	500	1000	4.6	3.5	8.1	108	158	130
	750	750	1500	7.0	5.0	12.0	105	152	124
	1000	1000	2000	9.7	6.9	16.6	102	146	120
6500K	250	250	500	2.3	1.6	3.9	119	171	141
	500	500	1000	4.6	3.5	8.1	118	170	141
	750	750	1500	7.0	5.0	12.1	113	163	134
	1000	1000	2000	9.7	6.9	16.6	107	153	126
EFFICACY (LPW) ADJUSTMENT FACTOR	CRI	Multiplier							
	93+	0.88							

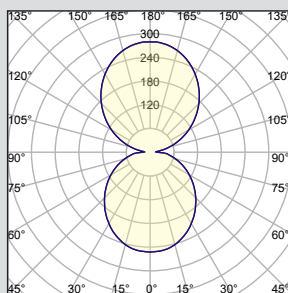
PHOTOMETRY BASED ON 4' LENGTH (83+ CRI AND 3500K SOURCE)

FL + FL - FLUSH (DIRECT) + FLUSH (INDIRECT)



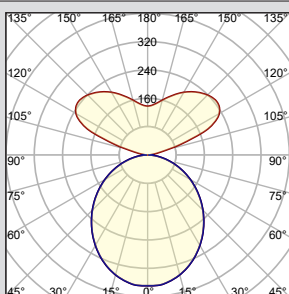
3G-2PLI-DI-TW-L500-L500-FL-FL
DELIVERED LUMENS: 1000LM/FT (4000LM)
SYSTEM WATTS: 8.1W/FT (32.4W)
EFFICACY: 130LPW
CRI: 83+
CCT: 3500K
LENS OPTION: FLUSH (DIRECT)
FLUSH (INDIRECT)

DD1 + FL - 1" DROP (DIRECT) + FLUSH (INDIRECT)



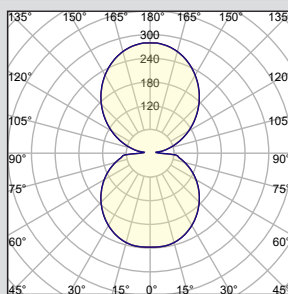
3G-2PLI-DI-TW-L500-L500-DD1-FL
DELIVERED LUMENS: 1000LM/FT (4000LM)
SYSTEM WATTS: 8.0W/FT (32.0W)
EFFICACY: 131LPW
CRI: 83+
CCT: 3500K
LENS OPTION: 1" DROP (DIRECT)
FLUSH (INDIRECT)

FL + WSO - FLUSH (DIRECT) + WIDESPREAD OPTIC (INDIRECT)



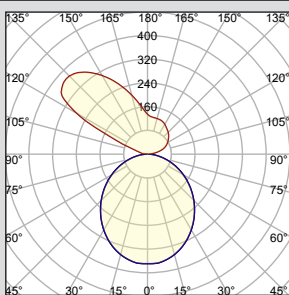
3G-2PLI-DI-TW-L500-L500-FL-WSO
DELIVERED LUMENS: 1000LM/FT (4000LM)
SYSTEM WATTS: 9.2W/FT (36.8W)
EFFICACY: 111LPW
CRI: 83+
CCT: 3500K
LENS OPTION: FLUSH (DIRECT)
WSO (INDIRECT)

DD2 + FL - 2" DROP (DIRECT) + FLUSH (INDIRECT)



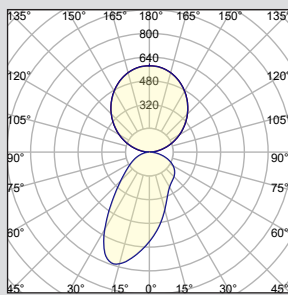
3G-2PLI-DI-TW-L500-L500-DD2-FL
DELIVERED LUMENS: 1000LM/FT (4000LM)
SYSTEM WATTS: 8.0W/FT (32.0W)
EFFICACY: 133LPW
CRI: 83+
CCT: 3500K
LENS OPTION: 2" DROP (DIRECT)
FLUSH (INDIRECT)

FL + ASY - FLUSH (DIRECT) + ASYMMETRIC (INDIRECT)



3G-2PLI-DI-TW-L500-L500-FL-ASY
DELIVERED LUMENS: 1000LM/FT (4000LM)
SYSTEM WATTS: 10.2W/FT (40.8W)
EFFICACY: 92LPW
CRI: 83+
CCT: 3500K
LENS OPTION: FLUSH (DIRECT)
ASY (INDIRECT)

DASY + FL - ASYMMETRIC (DIRECT) + FLUSH (INDIRECT)



3G-2PLI-DI-L500-L500-DASY-FL
DELIVERED LUMENS: 1000LM/FT (4000LM)
SYSTEM WATTS: 8.1W/FT (32.4W)
EFFICACY: 127LPW
CRI: 83+
CCT: 3500K
LENS OPTION: DASY (DIRECT)
FLUSH (INDIRECT)



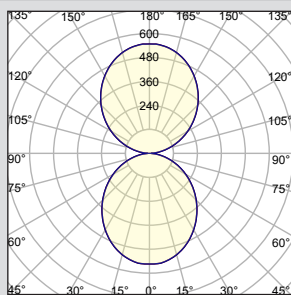
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PERFORMANCE CHART BASED ON 4' LENGTH (RGBW WITH 83+ CRI AND 3500K SOURCE)

LENS OPTION	DELIVERED LUMENS (LM/FT)			SYSTEM WATTS (W/FT)			EFFICACY (LPW)		
	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL	DIRECT	INDIRECT	TOTAL
3500K	250	250	500	2.1	1.5	3.6	119	170	140
	500	500	1000	4.3	3.0	7.4	117	168	138
	750	750	1500	7.0	4.9	11.9	107	153	126
	1000	1000	2000	10.3	7.2	17.4	98	140	115
LUMINOUS INTENSITY PER LED	RGB	INTENSITY Min - Max (mcd)							
	RED	355 - 805							
	GREEN	710 - 1400							
	BLUE	140 - 355							

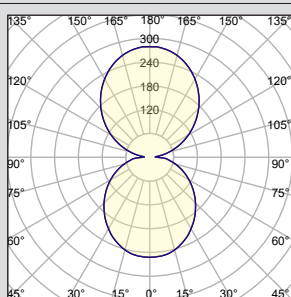
PHOTOMETRY BASED ON 4' LENGTH (83+ CRI AND 3500K SOURCE)

FL + FL - FLUSH (DIRECT) + FLUSH (INDIRECT)



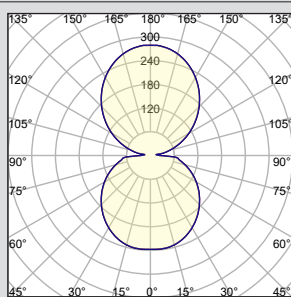
3G-2PLI-DI-RGBW-L500-L500-FL-FL
DELIVERED LUMENS: 1000LM/FT (4000LM)
SYSTEM WATTS: 7.3W/FT (29.2W)
EFFICACY: 138LPW
CRI: 83+
CCT: 3500K
LENS OPTION: FLUSH (DIRECT)
FLUSH (INDIRECT)

DD1 + FL - 1" DROP (DIRECT) + FLUSH (INDIRECT)



3G-2PLI-DI-RGBW-L500-L500-DD1-FL
DELIVERED LUMENS: 1000LM/FT (4000LM)
SYSTEM WATTS: 7.3W/FT (29.2W)
EFFICACY: 143LPW
CRI: 83+
CCT: 3500K
LENS OPTION: 1" DROP (DIRECT)
FLUSH (INDIRECT)

DD2 + FL - 2" DROP (DIRECT) + FLUSH (INDIRECT)



3G-2PLI-DI-RGBW-L500-L500-DD2-FL
DELIVERED LUMENS: 1000LM/FT (4000LM)
SYSTEM WATTS: 7.3W/FT (29.2W)
EFFICACY: 143LPW
CRI: 83+
CCT: 3500K
LENS OPTION: 2" DROP (DIRECT)
FLUSH (INDIRECT)

TECHNICAL**HOUSING**

Extruded aluminum housing with narrow 2" 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. Up to 8' continuous
Lens options include flush, 1" and 2" drops with illuminated end caps for all drop lenses
High performance widespread and asymmetric optics available
Widespread Optic peak intensity at 120° with a minimum mounting distance of 18" from ceiling and wall

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
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

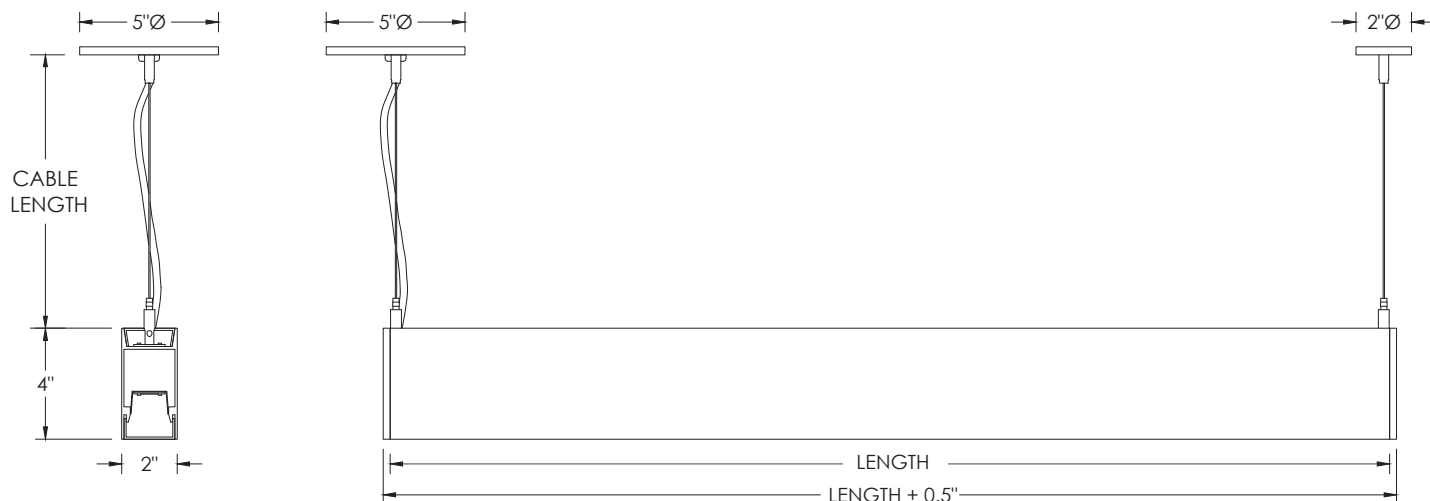
LISTING

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

DRAWINGS AND DIMENSIONS



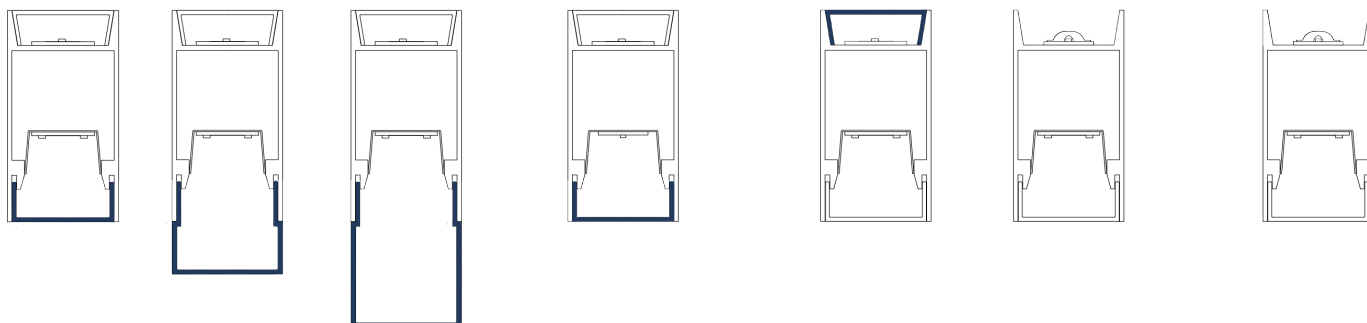
LENS OPTION

DIRECT LENS OPTION

INDIRECT LENS OPTION

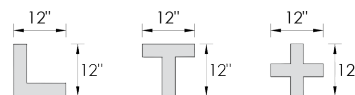
FL - FLUSH **DD1** - 1" DROP **DD2** - 2" DROP **DASY** - ASYMMETRIC

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



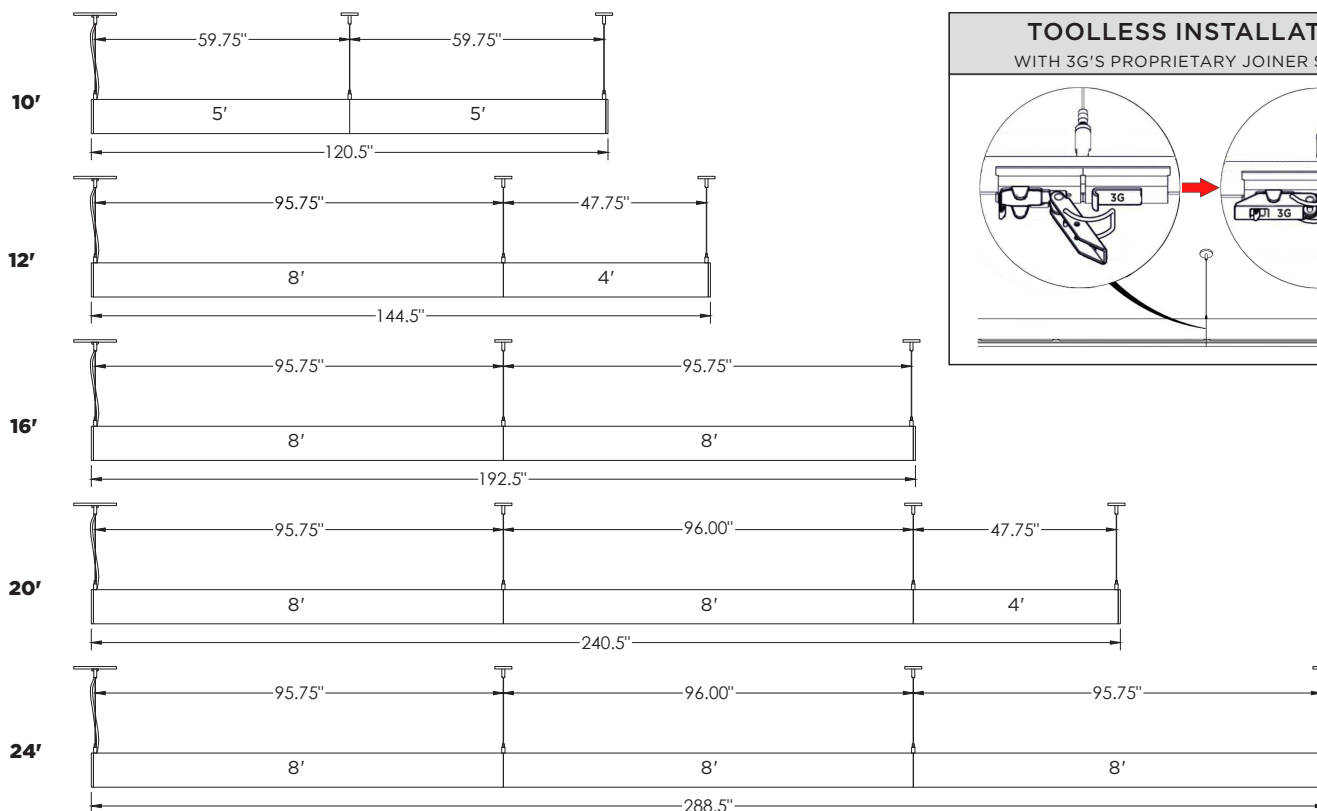
PATTERNS

Specify pattern shape and overall dimensions as shown below. Available in 1' increments only
Patterns are connected with fully illuminated 12"x12" L, T, and X-shaped sections



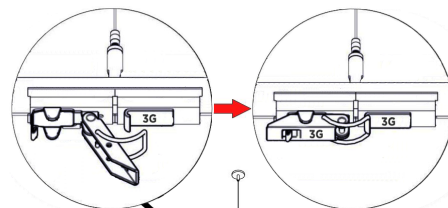
L-SHAPE	U-SHAPE	RECTANGLE/SQUARE	T-SHAPE	X-SHAPE
Provide dimensions of AxB Example: L - 6'x8'	Provide dimensions of AxBxC Example: U - 8'x10'x6'	Provide dimensions of AxB Example: R - 10'x8'	Provide dimensions of AxB Example: T - 14'x6'	Provide dimensions of AxB Example: X - 14'x14'

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

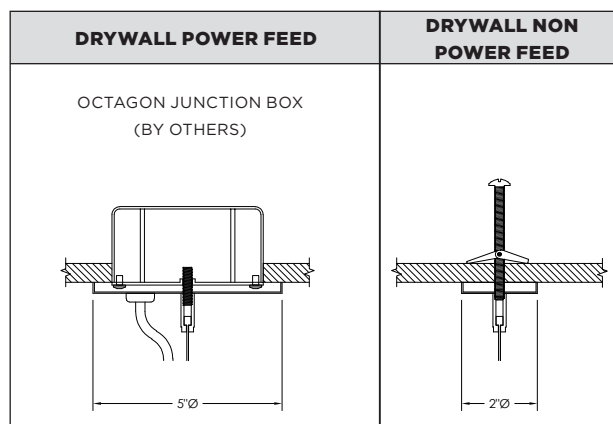
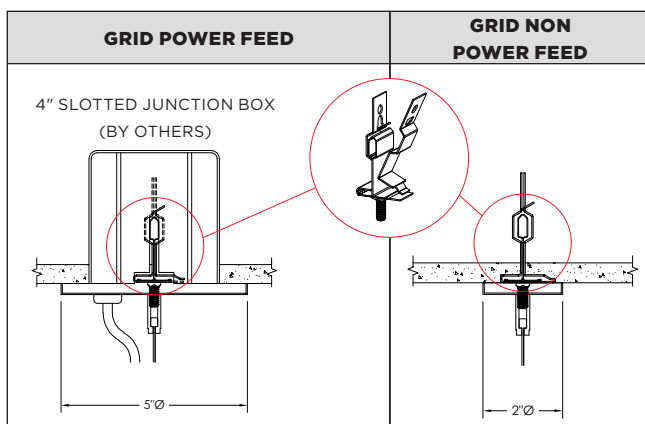


TOOLLESS INSTALLATION

WITH 3G'S PROPRIETARY JOINER SYSTEM



MOUNTING DETAILS



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 | % Disclosed: 100% at 100ppm |
| ☐ LBC Red List Approved | VOC Content: Not Applicable |
| ☐ Declared | |

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