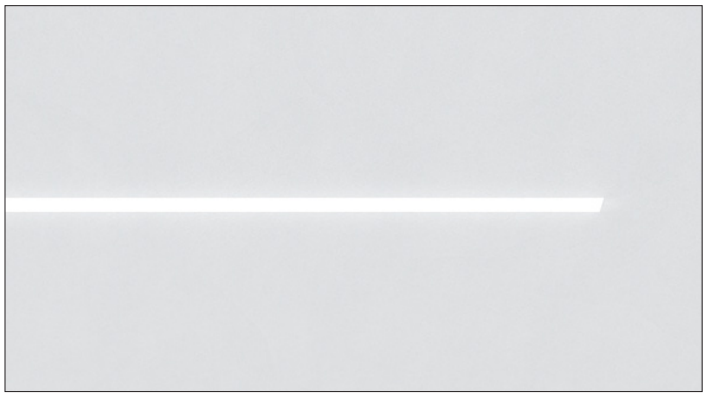
3G-1RLI

1.5" RECESSED LINEAR
TUNABLE WHITE & RGBW



Narrow 1.5" aperture with one piece extruded aluminum housing
Individual or continuous runs in multiple run configurations
Suitable for drywall, grid, wood, and various architectural ceilings
LED system with performance up to 103 lumens per watt
Extruded acrylic lens with optimal performance and glare control
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	CRI	VOLTAGE
3G-1RLI	**TW** - TUNABLE WHITE (2700K-6500K) **RGBW** - INFINITE COLOUR [1] (3500K WHITE)	**D250** - LOW OUTPUT (250 LM/FT) [2] **D500** - MEDIUM OUTPUT (500 LM/FT) **D750** - HIGH OUTPUT (750 LM/FT) **D1000** - VERY HIGH OUTPUT (1000 LM/FT) [3] **DC____** - 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	**S80** - 83+ CRI **H90** - 93+ CRI [1]	**UNV** - 120/277V

DRIVER	FLANGE TYPE	LENS POSITION	OPTIONS
D01 - **0-10V** (100-0.1%) **DALI** - **DALI** (eldoLED, 100-0.1%) **DALI2** - **DALI-2** (Type 8, 100-0.1%) **DMX** - **DMX** (eldoLED, 100-0%) [1] **DHLT** - **LUTRON T SERIES** (100-1%) (2 CHANNEL TUNABLE WHITE)	**WT** - WHITE TRIM **XTR** - TRIMLESS (MUD-IN DRYWALL) **FX** - FLANGELESS **GCX** - GRID CEILING (UNIVERSAL MOUNT)* *Universal mounting brackets used for all grid ceiling types only. See mounting section for details	**FL** - FLUSH **DASY** - ASYMMETRIC OPTIC [1]	**EMC** - EMERGENCY CIRCUIT [4] **CP** - CHICAGO PLENUM

LENGTH (FEET)	
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' 2' not available for grid ceiling version Continuous runs available in 1' increments only	

1 RGBW LED source available with S80 (83 +CRI) and DMX driver option only. Not available with asymmetric optic 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)
4 EMC (emergency circuit) options available for tunable white LED source only. Not available with RGBW

3GT - Tunable White
3GB - RGBW

OCTOBER 22, 2024

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5 YEAR LIMITED WARRANTY

3G-1RLI

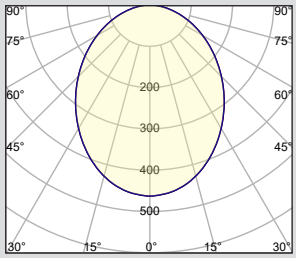
1.5" RECESSED LINEAR
TUNABLE WHITE & RGBW

PERFORMANCE CHART BASED ON 4' LENGTH WITH FLUSH LENS (TUNABLE WHITE AND 90+ CRI)

COLOR TEMP	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
2700K	250	3.0	80
	500	5.6	77
	750	8.7	76
	1000	12.0	75
3500K	250	3.0	84
	500	5.6	89
	750	8.7	86
	1000	12.0	83
6500K	250	3.0	112
	500	5.6	113
	750	8.7	108
	1000	12.0	101

PHOTOMETRY BASED ON 4' LENGTH (90+ CRI AND 3500K SOURCE)

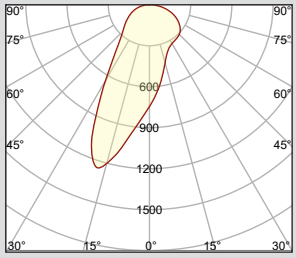
FL - FLUSH



3G-1RLI-TW-L500-H90-FL

DELIVERED LUMENS: 500LM/FT (2000LM)
SYSTEM WATTS: 5.6W/FT (24.4W)
EFFICACY: 89LPW
CRI: 90+
CCT: 3500K
LENS OPTION: FLUSH

DASY - ASYMMETRIC OPTIC



3G-1RLI-TW-L500-H90-DASY

DELIVERED LUMENS: 500LM/FT (2000LM)
SYSTEM WATTS: 5.4W/FT (24.4W)
EFFICACY: 92LPW
CRI: 90+
CCT: 3500K
LENS OPTION: ASYMMETRIC

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3G-1RLI

1.5" RECESSED LINEAR
TUNABLE WHITE & RGBW

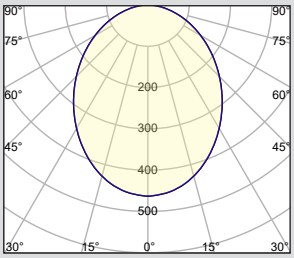
PERFORMANCE CHART BASED ON 4' LENGTH (RGBW WITH 83+ CRI AND 3500K SOURCE)

COLOR TEMP	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
3500K	250	2.6	95
	500	5.4	93
	750	8.9	85
	1000	13.0	77

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-1RLI-RGBW-L500-S80-FL

DELIVERED LUMENS: 500LM/FT (2000LM)
SYSTEM WATTS: 5.4W/FT (21.6W)
EFFICACY: 93LPW
CRI: 83+
CCT: 3500K
LENS OPTION: FLUSH

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3G-1RLI

1.5” RECESSED LINEAR
TUNABLE WHITE & RGBW

TECHNICAL

HOUSING

Extruded aluminum housing with narrow 1.5” aperture
Individual units and continuous runs available in 1’ increments
Trim flange with matte white powder coated finish and minimal 0.400” overlap
Trimless model features a satin coat mudding flange for seamless ceiling
24-gauge LED reflector with high reflectance white powder coated finish
Standard polyester powder coated matte white finish

OPTICS

Extruded, satin acrylic lens designed for optimal performance and glare control. Up to 8’ continuous
High performance asymmetric optics available

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

Housing suspended via 1/4” threaded rod or suspension cables (by others)
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
Trim fixture designed for use in drywall, wood, and other architectural ceiling materials
Trimless fixture designed for use in drywall, mud-in ceiling applications
Flangeless fixture designed for use in wood ceilings. New construction only
Suitable for various grid ceiling applications (see mounting details)
Fixture weight: +/- 2.5 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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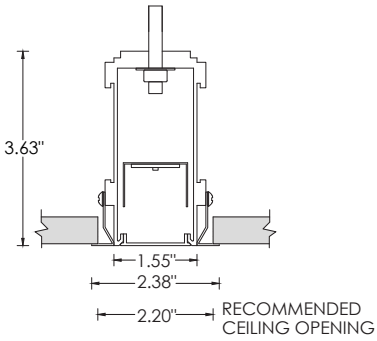
5 YEAR LIMITED WARRANTY

3G-1RLI

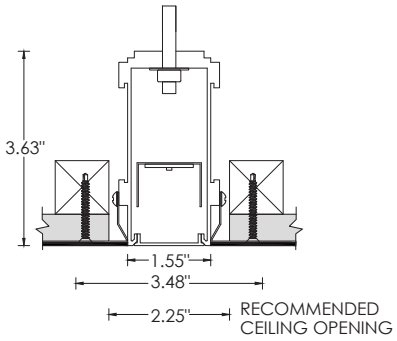
1.5” RECESSED LINEAR
TUNABLE WHITE & RGBW

DRAWINGS AND DIMENSIONS HARD CEILING

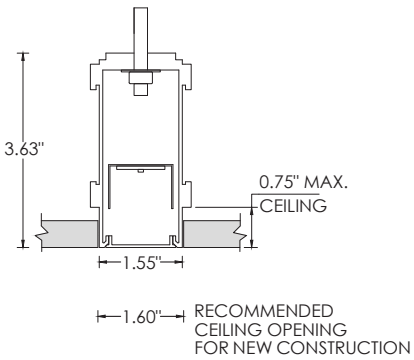
WT - TRIM

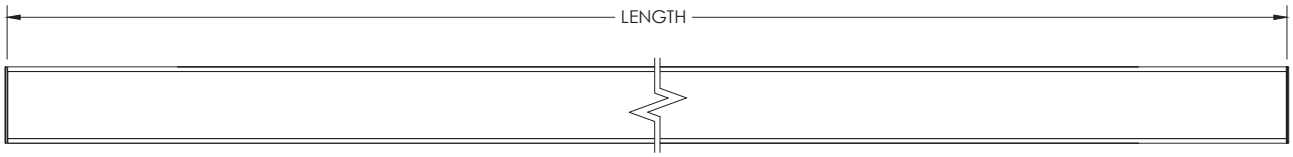


XTR - TRIMLESS



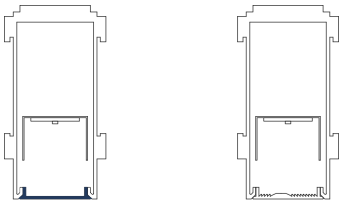
FX - FLANGELESS (NEW CONSTRUCTION)



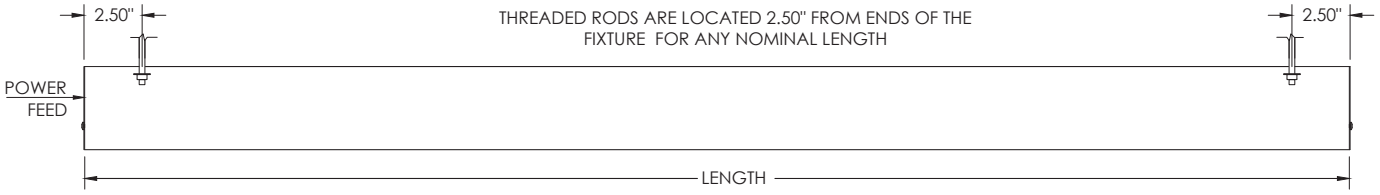


LENS OPTION

FL - FLUSH **DASY -** ASYMMETRIC



MOUNTING DETAILS HARD CEILING

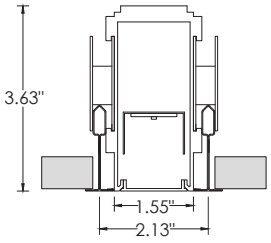


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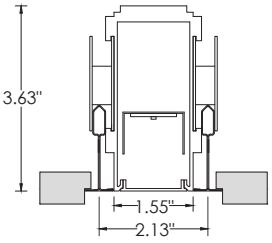
5 YEAR LIMITED WARRANTY

DRAWINGS AND DIMENSIONS GRID CEILING

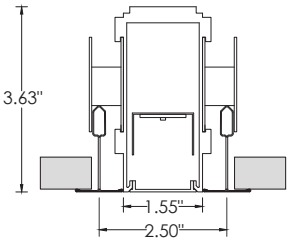
9L - 9/16" LAYIN



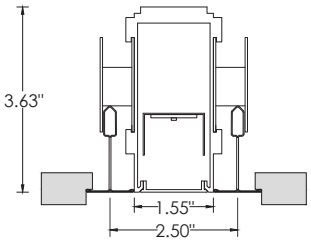
9TG - 9/16" TEGULAR



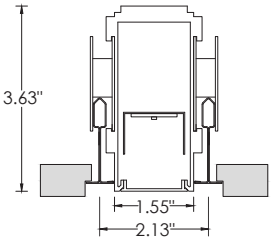
15L - 15/16" LAYIN



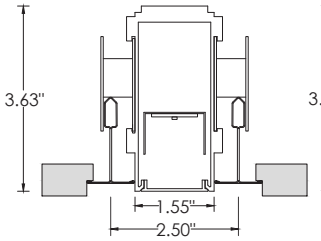
15TG - 15/16" TEGULAR



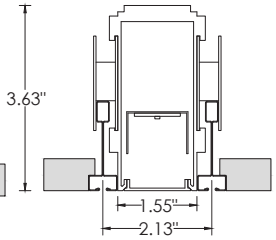
9TP - 9/16" TEGULAR

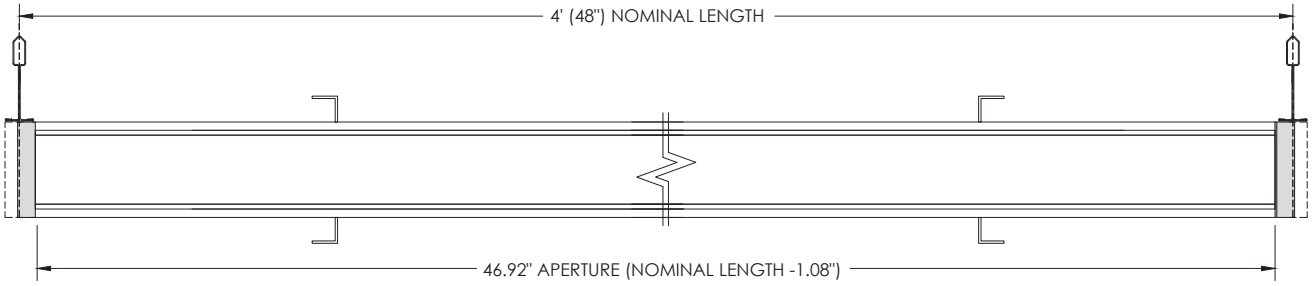


15TP - 15/16" TEGULAR

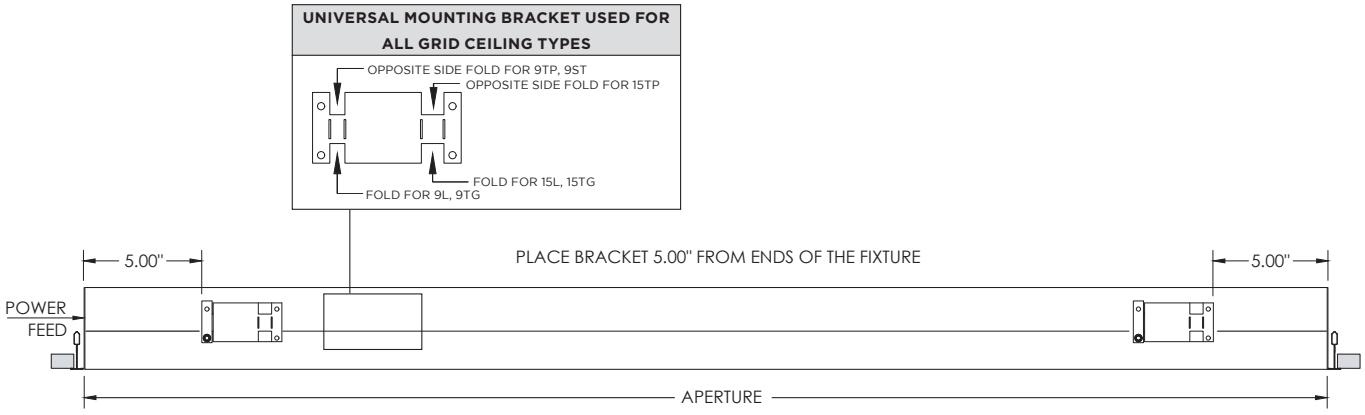


9ST - 9/16" SLOT TEE TEGULAR





MOUNTING DETAILS GRID CEILING



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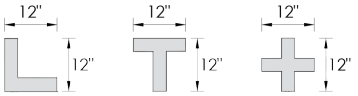
5 YEAR LIMITED WARRANTY

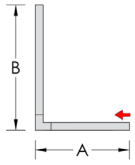
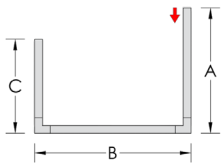
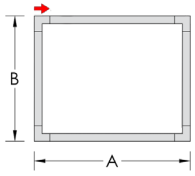
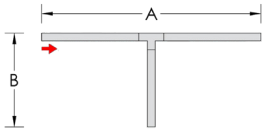
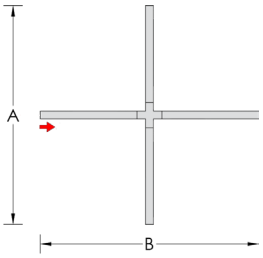
3G-1RLI

1.5” RECESSED LINEAR
TUNABLE WHITE & RGBW

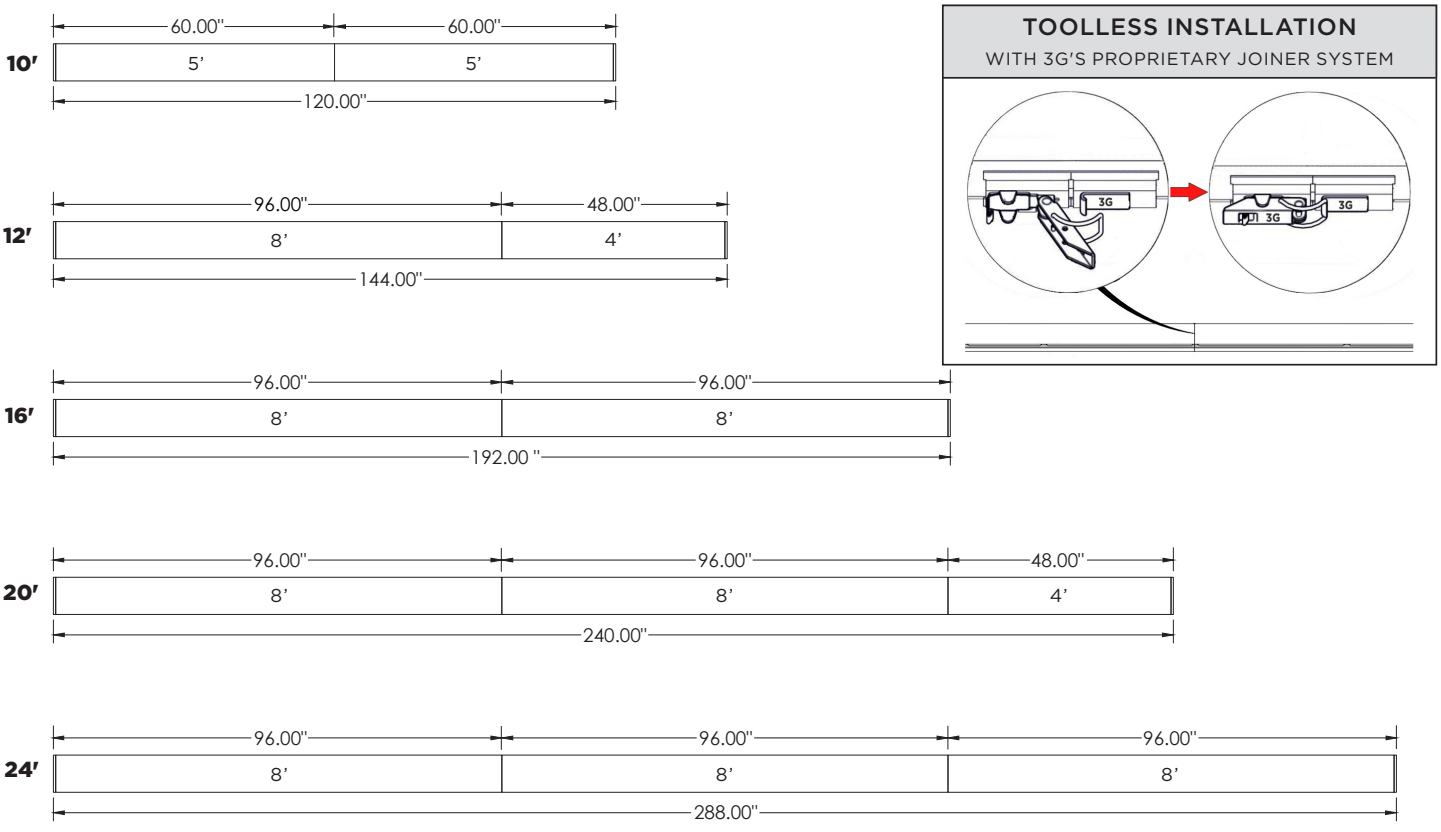
PATTERNS

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’
				

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



TOOLLESS INSTALLATION

WITH 3G’S PROPRIETARY JOINER SYSTEM

NOTE:

Run lengths and configurations not shown are available in 1’ increments as standard. Please contact 3G for 1” increments

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5 YEAR LIMITED WARRANTY

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