

3G LIGHTING

3GR-2RLI

2" CURVED RECESSED LINEAR

Narrow 2" aperture curved extruded aluminum housing segments available in radii from 12" to 60"

Angle options: 30°, 45°, 60°, and 90°

Combine with straight segments to create continuous, geometry-driven layouts

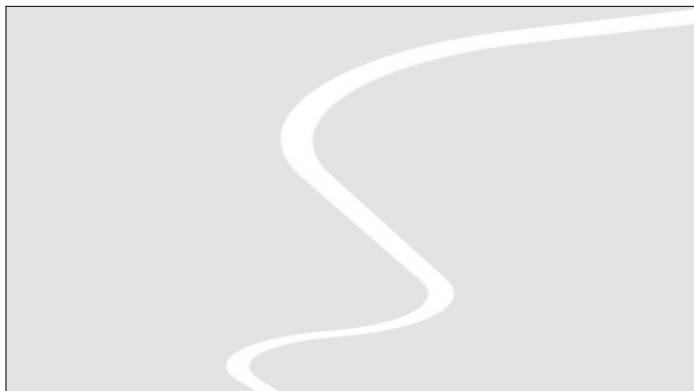
High-efficacy LED performance up to 109 lumens per watt

Delivered lumen range up to 1020 lumens per foot

Acrylic lens

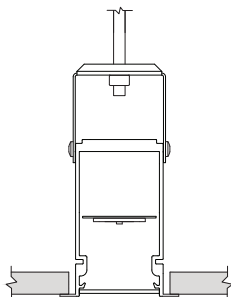
1% dimming standard with several driver options

Declare® LBC Red List Free

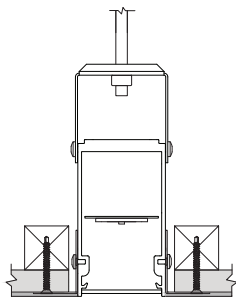


Red List
Free

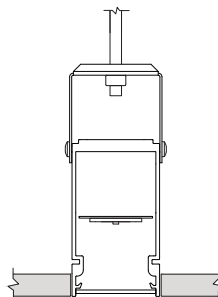
WT - TRIM



XTR - TRIMLESS

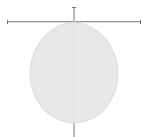


FX - FLANGELESS



OPTICS

FLUSH



SHAPES

This product is designed to be specified using our [online configurator](#). The following configurations are standard offerings.

RING	CAPSULE	L-SHAPE
U-SHAPE	SQUARE	RECTANGLE

PROJECT:		TYPE:	
CATALOG#:		DATE:	QTY:

CAT. NO	RUN TYPE	RADIUS	LUMEN OUTPUT
3GR-2RLI	O - ____' (RING) P - ____'X ____' (CAPSULE) L - ____'X ____' (L-SHAPE) U - ____'X ____'X ____' (U-SHAPE) SQ - ____'X ____' (SQUARE) R - ____'X ____' (RECTANGLE) CUS - CUSTOM SHAPE (PLEASE SUBMIT DRAWING TO 3G)	RA - ____"	D250 - 250 LM/FT ¹ D500 - 500 LM/FT D750 - 750 LM/FT D1000 - 1000 LM/FT DC ____ - CUSTOM OUTPUT (SPECIFY LM/FT) All lumen outputs are delivered lumens at 90+ CRI
		*Capsule shape does not require Radius selection	
CRI	COLOR TEMP	VOLTAGE	DRIVER
H90 - 90+ CRI	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	UNV - 120/277V 120 - 120V	DIM - 0-10V (100-1%) D01 - 0-10V (100-0.1%) DALI - DALI (100-1%) ² DMX - DMX (100-0%) DHL2 - LUTRON HI-LUME (1% ECOSYSTEM)
FLANGE TYPE	OPTIONS		
WT - WHITE BT - BLACK XTR - TRIMLESS (DRYWALL) FX - FLANGELESS	EMB - EMERGENCY BATTERY * (INTEGRAL) EMC - EMERGENCY CIRCUIT MC2 - MULTIPLE CIRCUITS (2 ZONES) MC3 - MULTIPLE CIRCUITS (3 ZONES) CP - CHICAGO PLENUM *Minimum 4' section		

¹ D250 (250LM/FT) not available in 2' length with DALI, D01, DMX, or DHL2. Specify minimum DC350 for those driver options

² DALI-2 (Type 6) provided as standard

DIRECT PERFORMANCE

	FLUSH	
DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
250	2.3	109
500	4.6	109
750	6.9	109
1000	9.4	106

DELIVERED LUMENS PER FOOT BASED ON 90+ CRI, 3500K
Lumen output and actual wattage may vary +/- 5%

MULTIPLIERS

COLOR TEMP	90+ CRI
2700K	0.91
3000K	0.97
3500K	1.00
4000K	1.02

HOUSING

Extruded aluminum housing with narrow 2" aperture
Die cast aluminum end caps add 1/4" to each end of luminaire
Continuous runs available in 1" increments as standard
LED reflector with high reflectance white powder coated finish
Aluminum trim with matte white powder coated finish and minimal 0.400" overlap
Trimless model features a satin coat mudding flange for seamless ceiling integration
Standard polyester powder coated matte white finish.

OPTICS

Satin acrylic lens designed for optimal performance and glare control
Up to 8' continuous lens

LED SYSTEM

Proprietary LED system with color consistency <3 SDCM
Available in 27K, 30K, 35K, and 40K Standard 90+CRI.
R9 value of 56 for 90+CRI L90 >60,000 hours
5 Year Warranty

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

EMERGENCY

Integral batteries operate minimum 4' and maximum 6' sections
15W output (1980lm) for 90 minutes. Title 24 Certified
4' section (+/- 495lm per foot at 80+ CRI)
5' section (+/- 395lm per foot at 80+ CRI)
6' section (+/- 330lm per foot at 80+ CRI)

MOUNTING

Housing suspended via 1/4" threaded rod or suspension cables (by others)
Installation with 3G's proprietary mounting system Internal, 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
Suitable for various grid ceiling applications (see mounting details)
Fixture weight: +/- 2.5 lb/ft

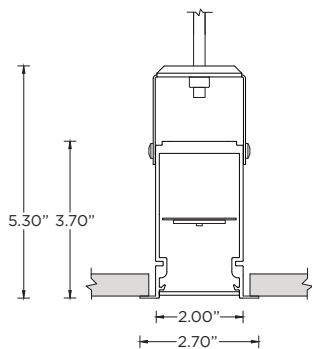
LISTING

ETL listed and conforms to UL1598 standard.
Certified to CSA22.2 NO.250.0.
Declare* LBC Red List Free
Rated for indoor dry or damp locations
Consult factory for details

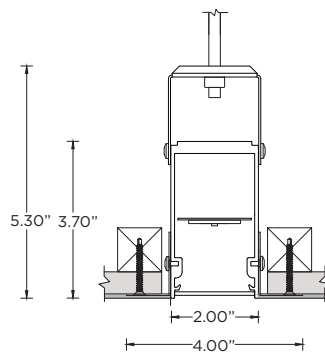
WARRANTY

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

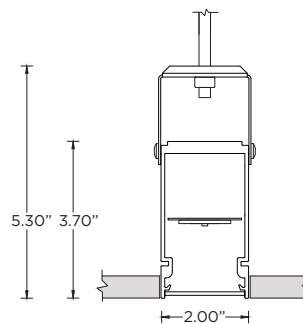
WT - TRIM



XTR - TRIMLESS

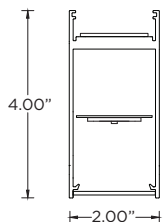


FX - FLANGELESS



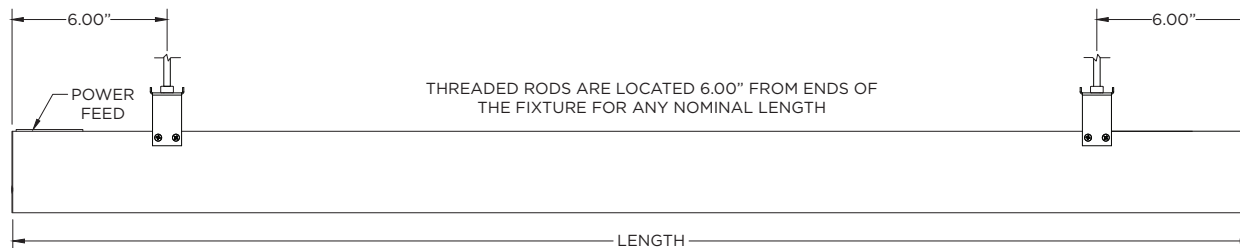
LENS OPTION

FL - FLUSH

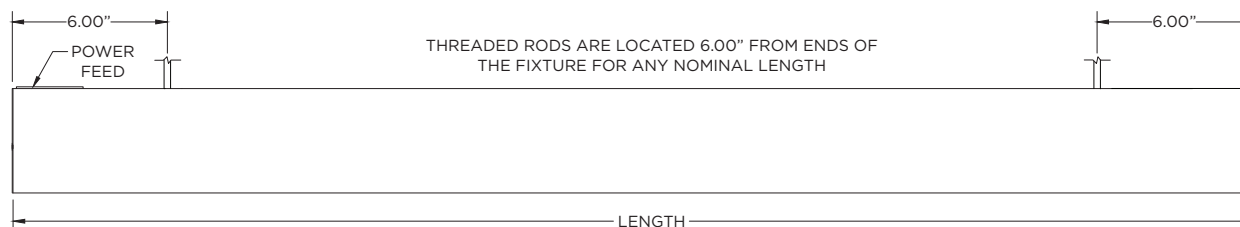


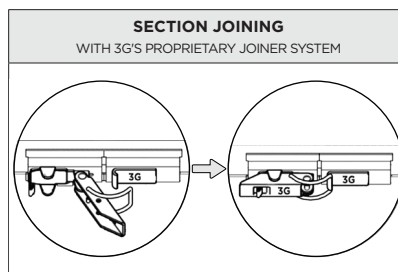
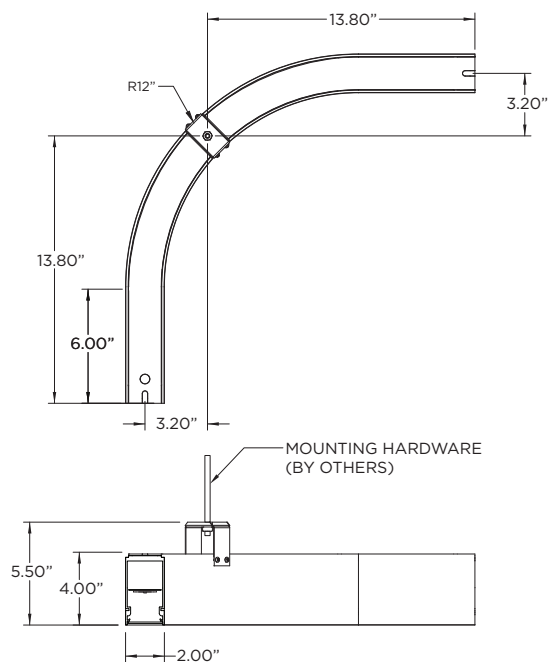
HARD CEILING : MOUNTING DETAILS

MOUNTING VIA EXTERNAL BRACKET - INTERNAL FIXTURE ACCESS NOT REQUIRED



MOUNTING FROM BELOW FIXTURE - REQUIRES INTERNAL FIXTURE ACCESS





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