3G-2RPE

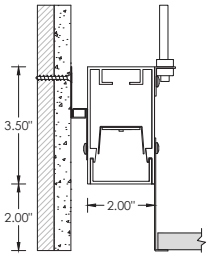
2" RECESSED PERIMETER



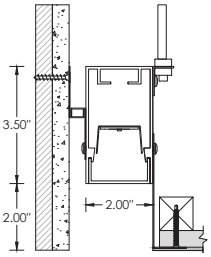
Extruded aluminum housing with narrow 2" aperture
Designed for continuous runs in various configurations
12" fully illuminated end filler option is field cuttable for odd lengths
Standard 80+ CRI and 90+ CRI LED system
Delivered lumen range up to 1000lm/FT with performance up to 133 LPW
Lens position available in flush, 1", 2", and 3" regressed options
High performance asymmetric optic provides room side distribution

DLC LISTED

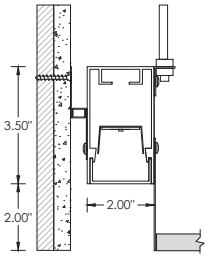
WT - TRIM



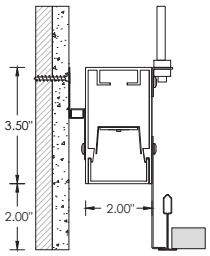
XTR - TRIMLESS



FX - FLANGELESS

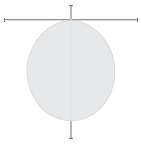


GCX - GRID CEILING

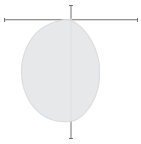


OPTICS

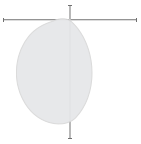
FLUSH



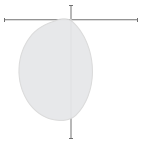
1" REGRESSED



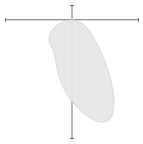
2" REGRESSED



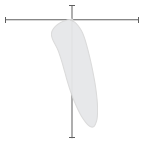
3" REGRESSED



FLUSH ASYMMETRIC

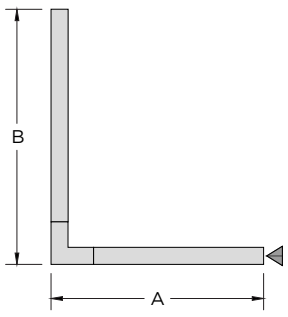
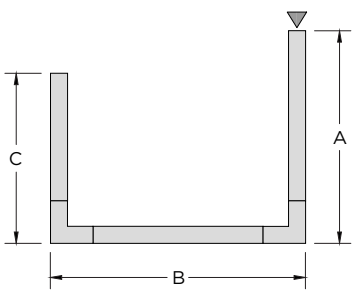


1" REGRESSED ASYMMETRIC



PATTERNS

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

L-SHAPE	U-SHAPE
Provide dimensions of AxB Example: **L** - 6'x8'	Provide dimensions of AxBxC Example: **U** - 8'x10'x6"
	

3G-2RPE
2" RECESSED PERIMETER

ORDERING INFORMATION

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

CAT. NO

3G-2RPE

LUMEN OUTPUT

D250 - 250 LM/FT [1]
D500 - 500 LM/FT
D750 - 750 LM/FT
D1000 - 1000 LM/FT
DC___ - CUSTOM OUTPUT (SPECIFY LM/FT) *

*Specify custom lumen outputs in 50lm increments (ie: DC600, DC650, DC700)
Custom output cannot exceed D1000
DLC minimum lumen output is 500lm/ft

CRI

S80 - 80+ CRI
H90 - 90+ CRI

*DLC listing available with 80CRI

COLOR TEMP

27K - 2700K
30K - 3000K
35K - 3500K
40K - 4000K

*DLC listing available with 35K

VOLTAGE

UNV - 120/277V
347 - 347V [2]

DRIVER

DIM - 0-10V (100-1%)
D01 - 0-10V (100-0.1%)
DALI - DALI (100-1%) [3]
DHL2 - LUTRON HI-LUME (1% ECOSYSTEM)
DMX - DMX (100-0%)

FLANGE TYPE

GCX - GRID CEILING * (UNIVERSAL MOUNT)
WT - WHITE TRIM FLANGE
XTR - TRIMLESS (MUD-IN DRYWALL)
FX - FLANGELESS

*Universal mounting brackets used for all grid ceiling types only. See mounting section for details

LENS OPTION

FL - FLUSH
RG1 - 1" REGRESSED
RG2 - 2" REGRESSED
RG3 - 3" REGRESSED

OPTIONS

CP - CHICAGO PLENUM
DASY - ASYMMETRIC LENS [4] (ROOM SIDE DISTRIBUTION)
EF - 12" TELESCOPING END (ILLUMINATED, FIELD CUTTABLE)
EMB - EMERGENCY BATTERY * (INTEGRAL)
EMC - EMERGENCY CIRCUIT

*Minimum 4' and maximum 6' section

RUN TYPE

S - ____' (STRAIGHT) *
L - ____'X ____' (L-SHAPE)
U - ____'X ____'X ____' (U-SHAPE)

*Individual units available from 2' to 8'
Use "EF" (End Filler) options for continuous runs with odd lengths
Example:
12'4" long fixture run specified as EF-S-12'

DLC LISTED
DLC listing starting at 500 lumens per foot (D500)
Available with 80CRI and 3500K

1 D250 (250LM/FT) not available in 2' and 3' lengths (Specify minimum DC400 when outputs lower than 500LM/FT are required)
2 347 available in "DIM" 0-10V only (100-1%)
3 DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options
4 Asymmetric lens option only available with Flush and 1" Regressed lens position

ILLUMINATED END FILLERS AND CORNERS

Optional, 12" fully illuminated, telescoping end filler is designed to be easily cut in field. Suitable for straight, L-shape, and U-shape run lengths
Rectangular runs lengths are provided with "joiner" section fillers (x4)

PERFORMANCE

	FLUSH		1" REGRESSED		2" REGRESSED		3" REGRESSED		FLUSH ASYMMETRIC		1" REGRESSED ASYMMETRIC	
DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)	SYSTEM WATTS	EFFICACY (LPW)	SYSTEM WATTS	EFFICACY (LPW)	SYSTEM WATTS	EFFICACY (LPW)	SYSTEM WATTS	EFFICACY (LPW)	SYSTEM WATTS	EFFICACY (LPW)
250	2.0	125	2.0	123	2.0	120	2.1	118	1.9	133	2.2	131
500	4.0	125	4.1	123	4.1	120	4.3	118	3.8	133	4.4	131
750	6.6	114	6.3	119	6.5	117	6.6	115	5.7	132	5.9	128
1000	8.7	114	8.8	115	8.8	114	9.1	111	7.8	128	8.0	125

DELIVERED LUMENS PER FOOT BASED ON 80+ CRI, 3500K
Lumen output and actual wattage may vary +/- 5%

LUMEN OUTPUT MULTIPLIERS

80+ CRI COLOR TEMP	
2700K	N/A
3000K	0.97
3500K	1.00
4000K	1.02

90+ CRI COLOR TEMP	
2700K	0.78
3000K	0.83
3500K	1.00
4000K	1.02

HOUSING

Extruded aluminum housing with narrow 2" aperture
Designed for continuous runs in various configurations
12" fully illuminated end filler option is field cuttable for odd lengths
Trim flange with power coated finish and 0.400" overlap
Trimless model features a perforated galvanized mudding flange
24-gauge LED reflector with high reflectance white finish
Standard polyester powder coated matte white finish

OPTICS

Extruded, acrylic lens provides optimal performance and glare control
High performance asymmetric lens provides room side distribution
Lens option available in flush, 1", 2", and 3" regressed options

LED SYSTEM

Standard 80+ CRI. Optional 90+ CRI
Color consistency <3 SDCM
Available in 27K, 30K, 35K, and 40K
R9 value of 56 for 90+CRI
L90 > 60,000 hours

LISTING

ETL listed and conforms to UL1598 standard
Certified to CSA22.2 No.250.0.
Rated for dry or damp locations
DLC certified. Consult factory for details

WARRANTY

5 Year Warranty on LED and drivers
LED system rated for operation in ambient environments up to 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

EMERGENCY

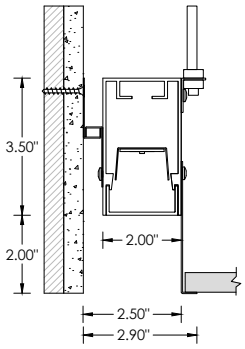
Integral batteries operate minimum 4' and maximum 6' sections.
15W output (1875lm) for 90 minutes. Title 24 Certified
4' section (+/- 465lm per foot at 80+ CRI)
5' section (+/- 375lm per foot at 80+ CRI)
6' section (+/- 310lm per foot at 80+ CRI)

MOUNTING

New construction housing suspended via 1/4" threaded rod or suspension cables (by others)
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)
Standard mounting available in flush and regressed options up to 3"
Fixture weight: +/- 4 lbs/ft. Consult 3G for modifications

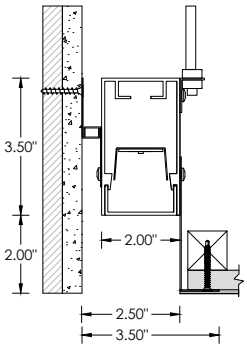
HARD CEILING (SHOWN WITH 2" REGRESSED LENS OPTION)

WT - TRIM



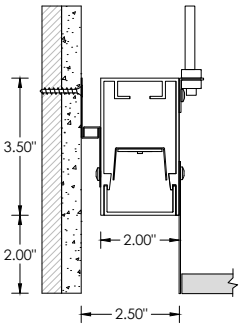
RECOMMENDED CEILING OPENING 2.60"

XTR - TRIMLESS



RECOMMENDED CEILING OPENING 2.75"

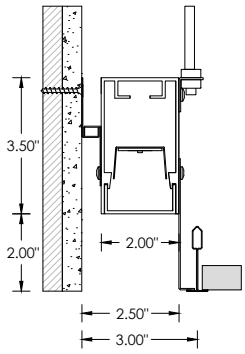
FX - FLANGELESS



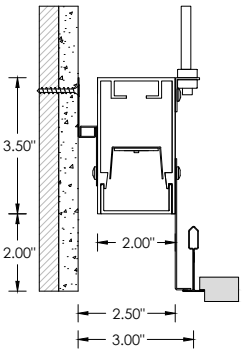
RECOMMENDED CEILING OPENING 2.57"

GRID CEILING (SHOWN WITH 2" REGRESSED LENS OPTION)

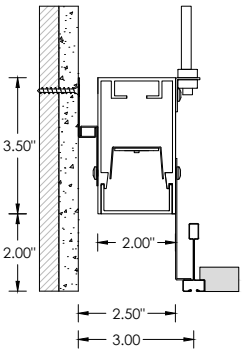
9L - 9/16" LAYIN



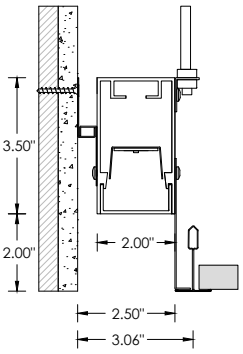
9TG - 9/16" TEGULAR



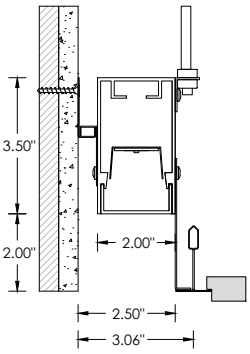
9ST - 9/16" SLOT TEE TEGULAR



15L - 15/16" LAYIN

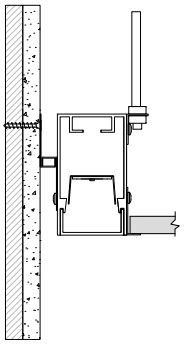


15TG - 15/16" TEGULAR

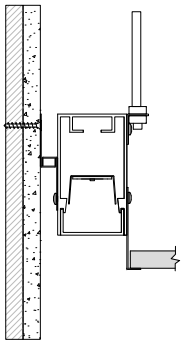


LENS OPTION

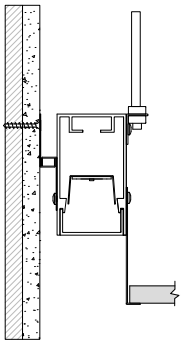
FL - FLUSH



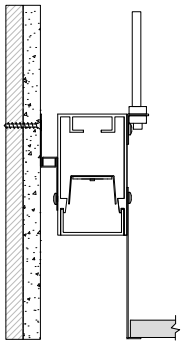
RG1 - 1" REGRESSED



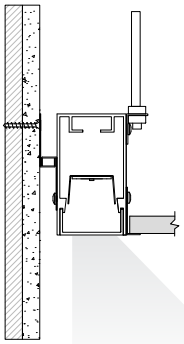
RG2 - 2" REGRESSED



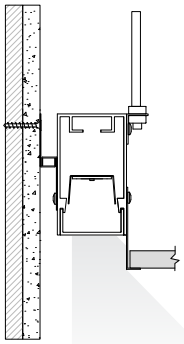
RG3 - 3" REGRESSED



FL - FLUSH ASYMMETRIC OPTIC ROOM SIDE



RG1 - 1" REGRESSED ASYMMETRIC OPTIC ROOM SIDE



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