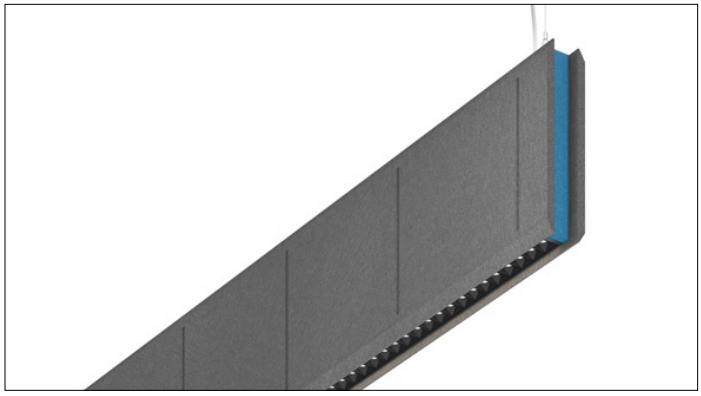
3G-1PZA-DI

1.5" ACOUSTIC PENDANT
ZOIE DIRECT/INDIRECT



Acoustic body and edge fabricated in 1/2" thick acoustic felt with 20 color options
1.5" aperture with one piece extruded aluminum housing
Available in 4', 5', 6', and 8' lengths with 12" or 16" height options
High performance, mini downlights delivering up to 1200 lumens per foot
Features matte black or matte white multi-faceted louvers
LED source with enhanced glare control, UGR <16
Indirect LED system with performance up to 130 lumens per watt
Widespread and Asymmetric optics available

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

CAT. NO	FIXTURE HEIGHT	LUMEN OUTPUT (DIRECT)	SYSTEM CRI	SYSTEM COLOR TEMP	BEAM ANGLE (DIRECT)
3G-1PZA-DI	**12H -** 12" HEIGHT **16H -** 16" HEIGHT	**D300 -** 250 LM/FT **D500 -** 500 LM/FT **D750 -** 750 LM/FT **D1000 -** 1000 LM/FT **D1200 -** 1200 LM/FT	**H90 -** 90+ CRI	**27K -** 2700K **30K -** 3000K **35K -** 3500K **40K -** 4000K	**15D -** 15° **35D -** 35° **55D -** 55°

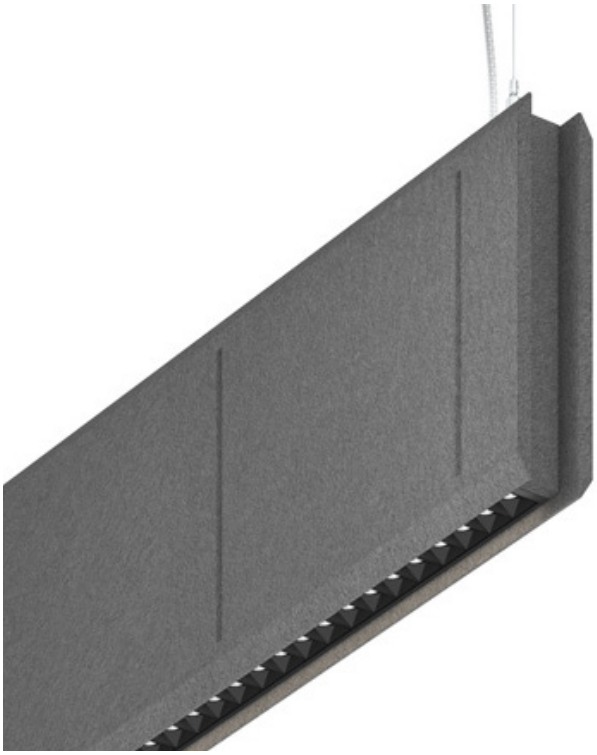
LUMEN OUTPUT (INDIRECT)	LENS OPTION (INDIRECT)	VOLTAGE	DRIVER
L250 - 250 LM/FT **L500 -** 500 LM/FT **L750 -** 750 LM/FT **L1000 -** 1000 LM/FT	**FL -** FLUSH LENS **WSO -** WIDESPREAD OPTIC **ASY -** ASYMMETRIC OPTIC	**UNV -** 120/277V	**DIM -** 0-10V (100-1%) **D01 -** 0-10V (100-0.1%) **DALI -** DALI (100-1%) [1] **DHL2 -** LUTRON HI-LUME (1% ECOSYSTEM)

HOUSING & LOUVER FINISH	ACOUSTIC COLOR OPTIONS	ACOUSTIC BODY	ACOUSTIC EDGE
BKV - BLACK HOUSING & BLACK LOUVER **WHV -** WHITE HOUSING & WHITE LOUVER	**1CL -** SINGLE COLOR (SAME COLOR FOR BODY AND EDGE) **2CL -** DUAL COLOR (DIFFERENT COLORS FOR BODY AND EDGE)	**BXX -** (SEE PAGE 2 FOR ALL COLORS)	**EXX -** (SEE PAGE 2 FOR ALL COLORS) *Option 2CL to be selected with this option

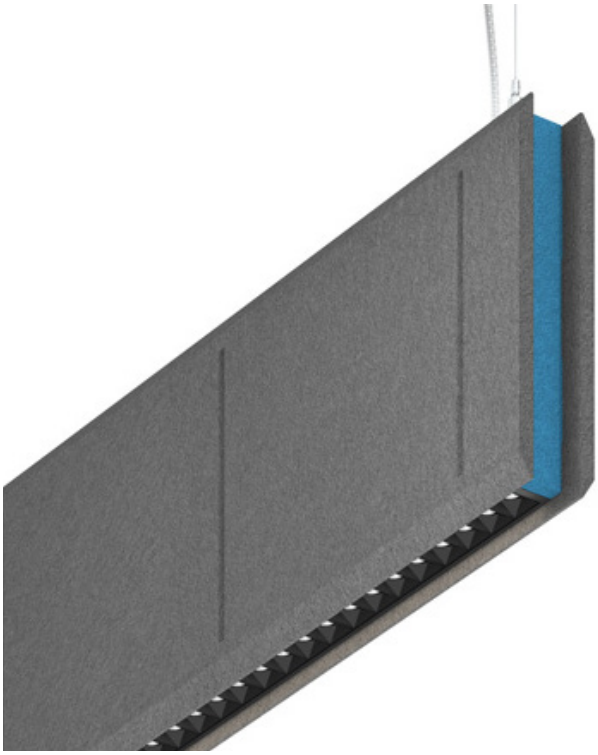
CABLE LENGTH	CIRCUITING	RUN TYPE
60 - 60" **120 -** 120"	**1C -** 1 CIRCUIT **2C -** 2 CIRCUITS (SEPARATE DIRECT & INDIRECT)	**S(4') -** 4' **S(5') -** 5' **S(6') -** 6' **S(8') -** 8'

1 DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options

SINGLE COLOR OPTION
SPECIFY ONE COLOR FOR THE ACOUSTIC BODY AND EDGE
Acoustic Body and Edge shown with "BRG" (Rhino grey)



DUAL COLOR OPTION
SPECIFY TWO DIFFERENT COLORS FOR THE ACOUSTIC BODY AND EDGE
Acoustic Body shown with "BRG" (Rhino grey)
Acoustic Edge shown with "ETU" (Turquoise)



ACOUSTIC BODY COLORS

BSG Steel gray	**BRG** Rhino gray	**BCH** Charcoal	**BBK** Black	**BSW** Snow white	**BBE** Beige	**BLM** Light marble	**BAG** Ash gray	**BDM** Dark marble	**BFG** Forest green
BAP Apple green	**BNG** Neon green	**BEG** Emerald green	**BYE** Yellow	**BOR** Orange	**BRE** Red	**BGP** Grape prune	**BAB** Admiral blue	**BSB** Sky blue	**BTU** Turquoise

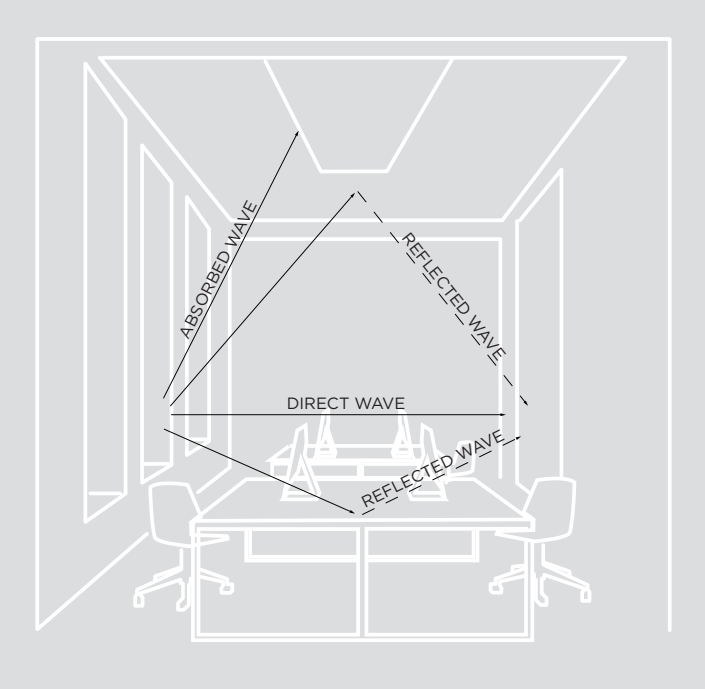
OPTIONAL EDGE COLORS

ERG Rhino gray	**EBK** Black	**ESW** Snow white	**EAG** Ash gray	**EAP** Apple Green	**EYE** Yellow	**EOR** Orange	**ERE** Red	**EAB** Admiral blue	**ETU** Turquoise

NOTE:
Acoustic felt colors may vary slightly due to dye-lot variation. Colors shown digitally may also vary by screen. Physical samples should be used for color reference

SOUND WAVE IN A GIVEN SPACE

When a sound wave is emitted from its source, it propels in all directions. The sound carries in a space unless it comes across an obstruction or an absorbing element such as carpeting, or upholstery. Harder materials will enable sound waves to reverberate in the space for a longer period of time. A sound can be direct like a face to face conversation and it can be reflected back from a hard surface.



REVERBERATION

The persistence of sound after it has been stopped due to multiple reflections from surfaces within a closed space

T60 : REVERBERATION TIME

The time it takes for a sound to decay by 60 dB once the source of sound has stopped. Reverberation time is the basic acoustical property of a room which depends only on its dimensions and the absorptive properties of its surfaces and contents. An acceptable value for class rooms and libraries ranges between 0.5-0.9 seconds. A suitable value for open offices and conference rooms ranges between 0.7 and 1.25 seconds

NRC - NOISE ABSORPTION COEFFICIENT

The Noise Reduction Coefficient is a scalar representation of the amount of sound energy absorbed upon striking a particular surface. an NRC of 0 indicates perfect reflection. an NRC of 1 indicates perfect absorption. Higher number equals better performance.

SABIN

A unit of sound absorption based on one square foot of material. Products with higher Sabin values provide more sound absoprtion.

SABIN COUNT

The sum total of the absorption coefficients in a room. Stronger NRC values will deliver higher Sabin counts.

ACOUSTIC PERFORMANCE

FIXTURE LENGTH	FIXTURE HEIGHT	SABINS PER OBJECT @ A GIVEN FREQUENCY				
		250hz	500hz	1000hz	2000hz	AVERAGE
4FT	**12IN**	2.30	4.47	7.29	8.50	**5.64**
4FT	**16IN**	3.38	5.74	9.05	10.52	**7.17**
5FT	**12IN**	2.88	5.58	9.11	10.62	**7.05**
5FT	**16IN**	4.22	7.17	11.31	13.14	**8.96**
6FT	**12IN**	3.45	6.70	10.94	12.74	**8.46**
6FT	**16IN**	5.06	8.60	13.58	15.77	**10.75**
8FT	**12IN**	4.60	8.93	14.58	16.99	**11.28**
8FT	**16IN**	6.75	11.47	18.10	21.03	**14.34**

ZOIE DIRECT OPTICS
1" apertures with matte black or matte white multi-faceted louvers
Regressed LED source for enhanced glare control
Proprietary polycarbonate multi-faceted reflectors
Available in 15°, 35° and 55° with UGR <16

INDIRECT OPTICS
Extruded, satin acrylic lens designed for optimal performance
High performance asymmetric optics
Widespread Optic peak intensity at 120°
Optimal mounting distance at 18" to 30" from ceiling

HOUSING
Extruded aluminum housing with 1.5" aperture
Die cast aluminum endcaps
24-gauge LED reflector with high reflectance white finish
Standard polyester powder coated finish

ACOUSTIC HOUSING
Acoustic body and edge fabricated in 1/2" thick acoustic felt
Acoustic NRC value up to 0.9 (see tests results for more details)
Produced with recycled polyester fiber and +/- 60% from recycled water bottles
Material is 100% recyclable
0% VOC's
Fire rating ASTM E-84 Class A / CAN ULC S102

ZOIE LED SYSTEM
Standard 90+ CRI
Color consistency <2 SDCM
Available in 27K, 30K, 35K, and 40K
L90 > 60,000 hours

INDIRECT LED SYSTEM
Standard 90+ CRI
Color consistency <3 SDCM
Available in 27K, 30K, 35K, and 40K
R9 value of 56
L90 > 60,000 hours

ELECTRICAL
Standard 0-10V, constant current drivers
100-1% dimming range and >0.9 power factor
Standard 120/277V universal voltage with several driver options
Integral drivers are easily accessible through luminaire aperture

LISTING
ETL listed and conforms to UL1598 standard
Certified to CSA22.2 NO.250.0.
Rated for indoor dry locations

WARRANTY
5 year limited warranty
LED system rated for operation in ambient environments up to 25°C

DIRECT PERFORMANCE

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
300	332	2.7	124
500	500	4.2	118
750	750	6.5	115
1000	1000	8.9	112
1200	1200	11.0	109

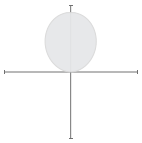
BASED ON 90+ CRI, 3500K, 35D OPTIC
Lumen output and actual wattage may vary +/- 5%

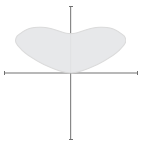
MULTIPLIERS

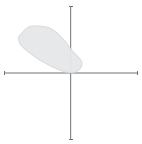
BEAM ANGLE	
15D	0.94
35D	1.00
55D	0.78

COLOR TEMP	
2700K	0.94
3000K	0.97
3500K	1.00
4000K	1.07

INDIRECT LENS OPTION

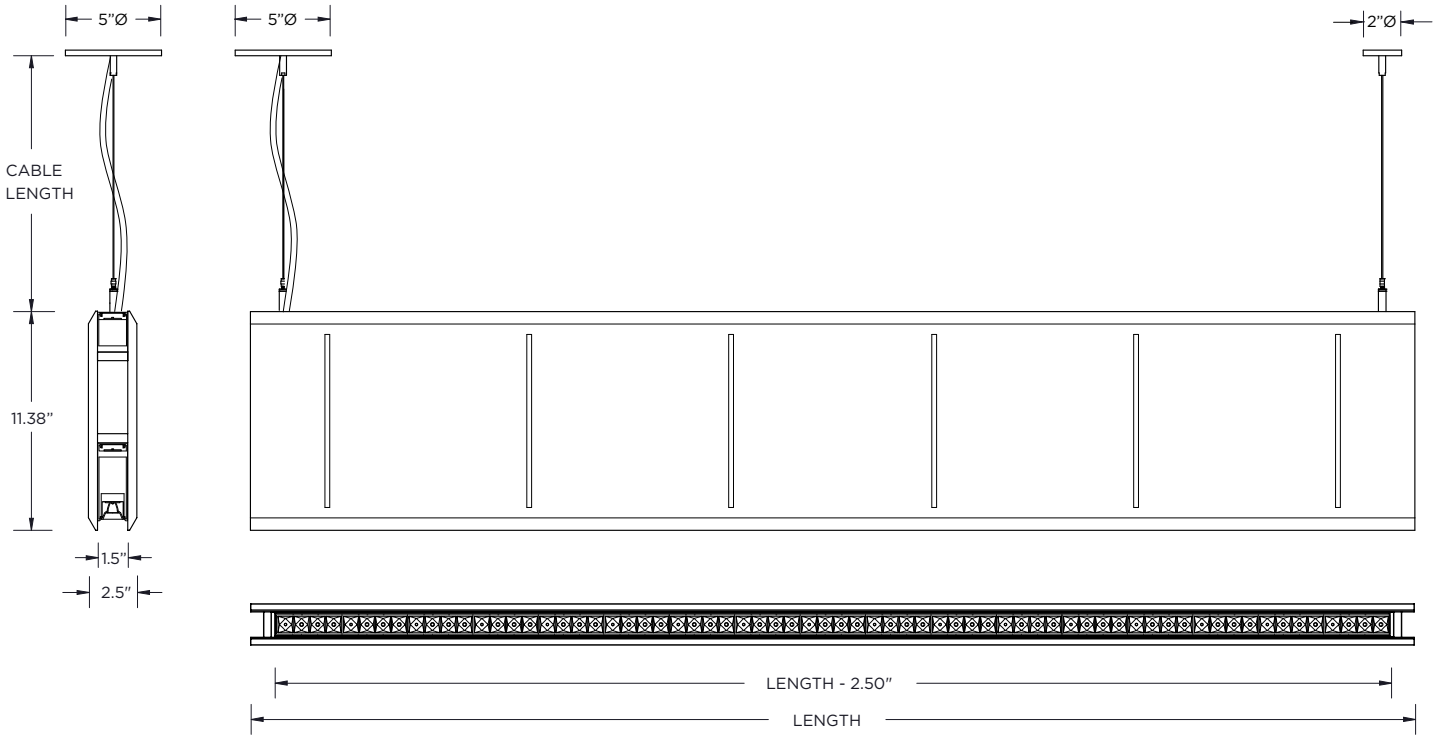
FLUSH	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.3	133
	500	2.6	133
	750	4.0	133
	1000	5.4	131

WIDESPREAD	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.5	138
	500	2.9	138
	750	4.4	138
	1000	6.0	137

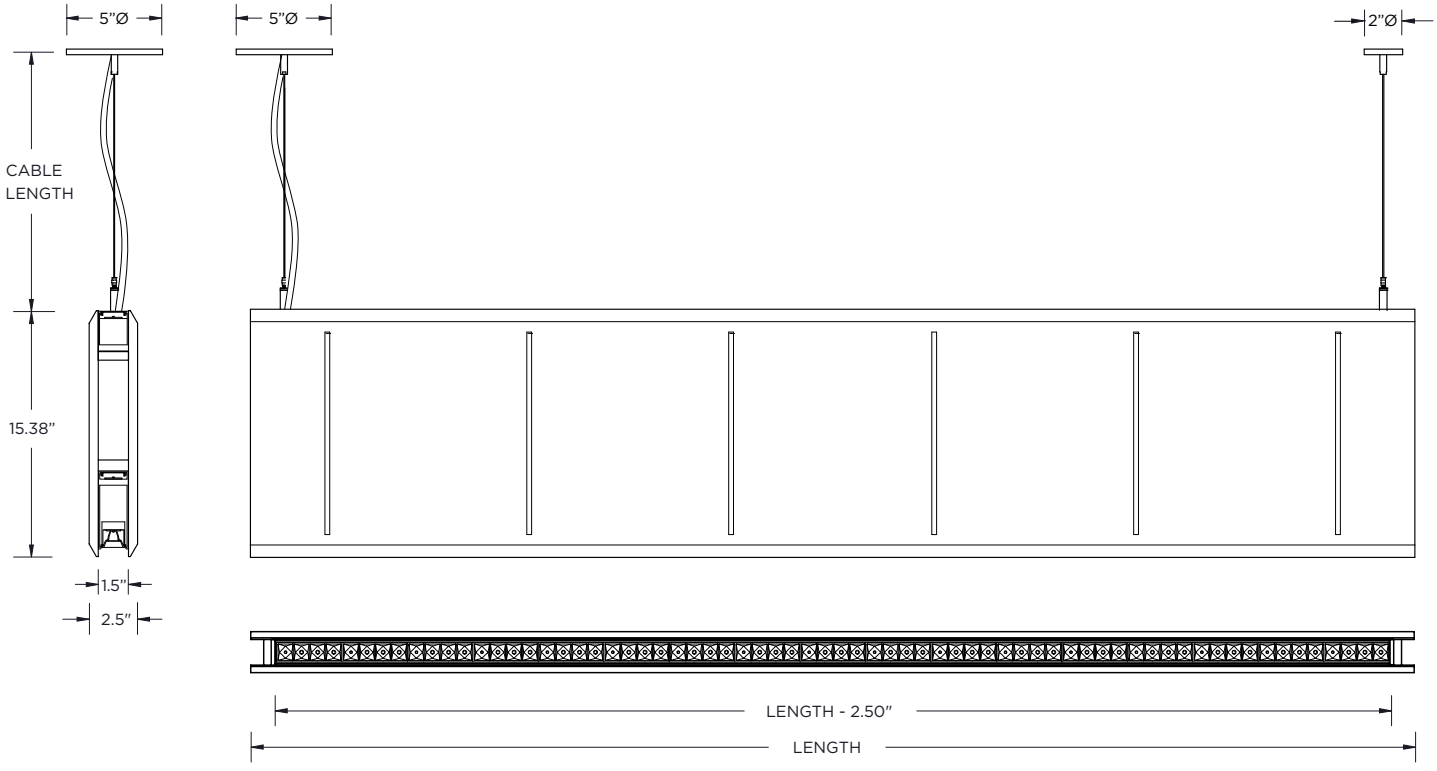
ASYMMETRIC	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	1.4	136
	500	2.9	136
	750	4.4	136
	1000	6.0	133

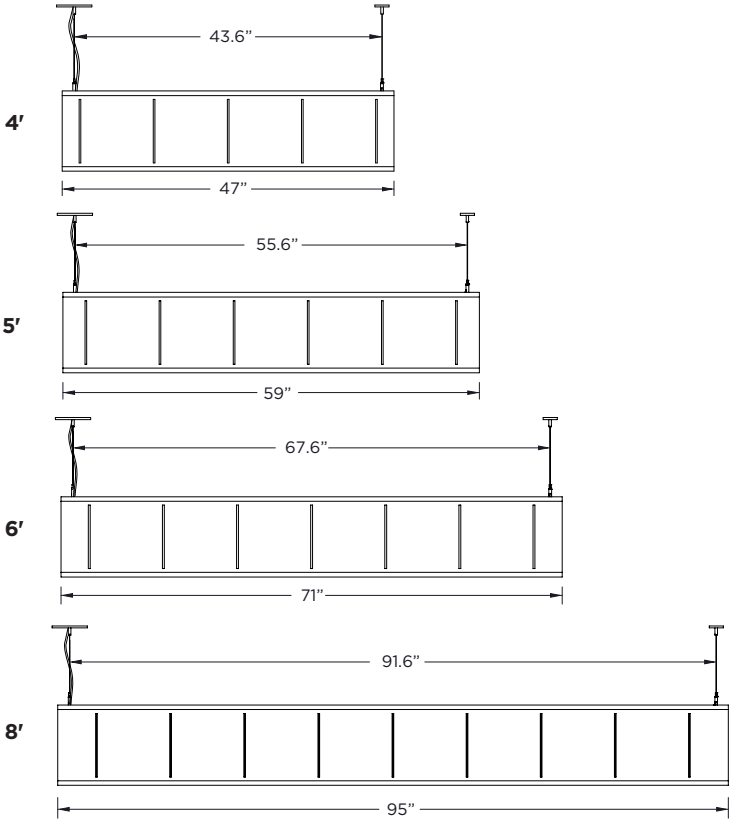
DELIVERED LUMENS PER FOOT BASED ON 90+ CRI, 3500K LED SOURCE
Lumen output and actual wattage may vary +/- 5%

12IN HEIGHT



16IN HEIGHT

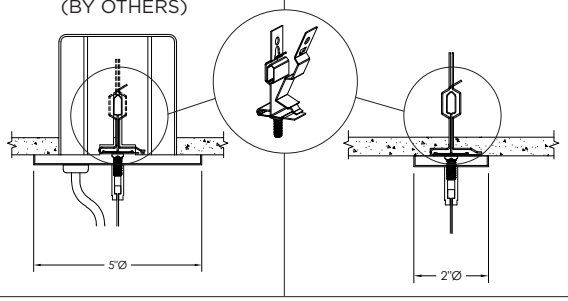




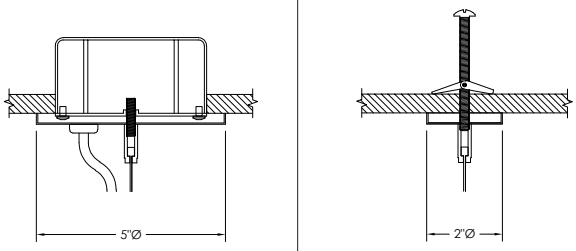
MOUNTING DETAILS

Adjustable aircraft cable suspension with locking fasteners
All mounting canopies provided in white finish as standard
Suitable for various architectural ceilings (see mounting details)
Fixture weight: 5.75 lbs/ft

GRID POWER FEED	GRID NON POWER FEED
4" SLOTTED JUNCTION BOX (BY OTHERS)	



DRYWALL POWER FEED	DRYWALL NON POWER FEED
OCTAGON JUNCTION BOX (BY OTHERS)	



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