3G-DZ45R-SC

4" ROUND ZOIE DOWNLIGHT
SPECIALTY CEILINGS

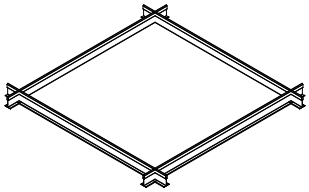


4" diameter, high performance Zoie downlight
Designed for integration with various specialty ceilings
Regressed LED source provides maximum visual comfort, UGR <10
High gloss black or white louvers with proprietary optics
Delivered lumen range up to 3500lm with performance up to 141 LPW
20° to 60° beam angle options suitable for various applications
Companion to 3G's Zoie Cylinder product family

CEILING TYPES

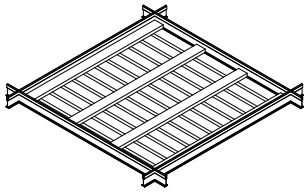
TEGULAR PANEL





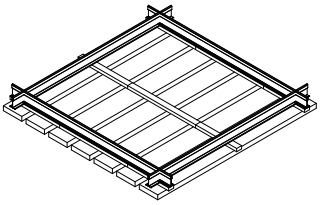
LINEAR TEGULAR PANEL





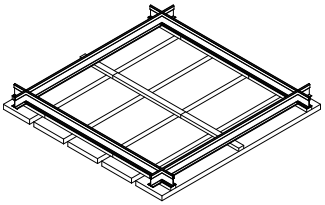
3.25"W LINEAR PANEL





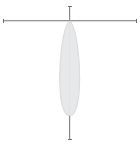
5.25"W LINEAR PANEL



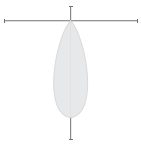


OPTICS

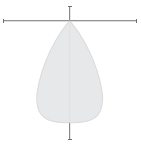
20D



40D



60D

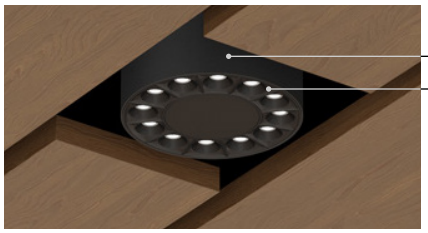


PERFORMANCE

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000	1000	8.0	125
1500	1500	12.4	121
2000	2000	16.8	119
2500	2500	21.5	116
3000	3000	28.2	107
3500	3500	35.3	99

BASED ON 80+ CRI, 30K, 40D OPTIC
Lumen output and actual wattage may vary +/- 5%

STANDARD FINISHES



BLACK COLLAR FINISH
BLACK BEVELED INSERT

3G LIGHTING

3G-DZ45R-SC

4" ROUND ZOIE DOWNLIGHT - SPECIALTY CEILINGS

ORDERING INFORMATION

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

CAT. NO	LUMEN OUTPUT	CRI	COLOR TEMP	BEAM ANGLE	VOLTAGE
3G-DZ45R-SC	**10 -** 1000 LUMENS **15 -** 1500 LUMENS **20-** 2000 LUMENS **25 -** 2500 LUMENS **30-** 3000 LUMENS **35 -** 3500 LUMENS [1] *All lumen outputs are delivered lumens	**S80 -** 80+ CRI **H90 -** 90+ CRI	**27K -** 2700K [1] **30K -** 3000K **35K -** 3500K **40K -** 4000K [1]	**20D -** 20° **40D -** 40° **60D -** 60° *90D reflector supplied standard with lens	**UNV -** 120/277V **120 -** 120V **347 -** 347V [2]

DRIVER	COLLAR FINISH	LOUVER FINISH	HOUSING TYPE
DIM - 0-10V (100-1%) **D01 -** 0-10V (100-0.1%) [3] **DALI -** DALI (100-1%) [3] **DHL2 -** LUTRON HI-LUME (1% ECOSYSTEM) **DMX -** DMX (100-0%) [3]	**BK -** BLACK **WH -** WHITE	**BLV -** BLACK **WLV -** WHITE	**SH -** SHALLOW HOUSING [4] (CP RATED) **NC -** NEW CONSTRUCTION HOUSING (CP RATED) All housings ship with C-channel bar hangers

OPTIONS
CP - CHICAGO PLENUM [6]
EMR - EMERGENCY BATTERY (REMOTE) [7]

1 3500lm not available in 90CRI. 2700K only available in 90CRI and 4000K only available in 80CRI
2 347 available in "DIM" 0-10V only (100-1%)
3 D01, DALI and DMX available up to 2500lm. DALI-2 (Type 6) provided as standard. Consult factory for DALI Type 8 option
4 Shallow Housing available up to 2000lm
5 Chicago Plenum option available with Shallow Housing (2000lm max) and New Construction Housing
6 Emergency battery installed remotely by others. Not accessible through the inside of the fixture

PERFORMANCE

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000	1000	8.0	125
1500	1500	12.4	121
2000	2000	16.8	119
2500	2500	21.5	116
3000	3000	28.2	107
3500	3500	35.3	99

BASED ON 80+ CRI, 30K, 40D OPTIC
Lumen output and actual wattage may vary +/- 5%

MULTIPLIERS

COLOR TEMP	80+ CRI
2700K	N/A
3000K	1.00
3500K	0.94
4000K	1.11

COLOR TEMP	90+ CRI
2700K	0.83
3000K	0.83
3500K	0.88
4000K	N/A

BEAM ANGLE	
20D	0.98
40D	1.00
60D	1.02

HOUSING
Shallow housing and new construction housing options available
Maximum ceiling thickness of 1.5". Consult factory for modifications
Housings rated for #12 AWG (4 in, 4 out), 90°C conductors and through branch wiring

OPTICS
4" aperture with enhanced glare control for maximum visual comfort
High gloss black or white louvers with proprietary optics
Beam angles available in 20°, 40°, and 60°
UGR <10

LED SYSTEM
Standard 80+ and 90+ CRI
Color consistency <2 SDCM
Available in 27K, 30K, 35K, and 40K
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

EMERGENCY
7W output for 90 minutes (+/- 850lm at 80+ CRI). Title 24 Certified
Remote emergency battery (not accessible through fixture aperture)
Maximum remote mounting distance:
3000lm or below - 50ft (12AWG) or 25ft (14AWG)
Above 3000lm - 30ft (12AWG) or 20ft (14AWG)
Caution: Emergency Battery utilizes more than one power source and servicing should be performed by qualified personnel

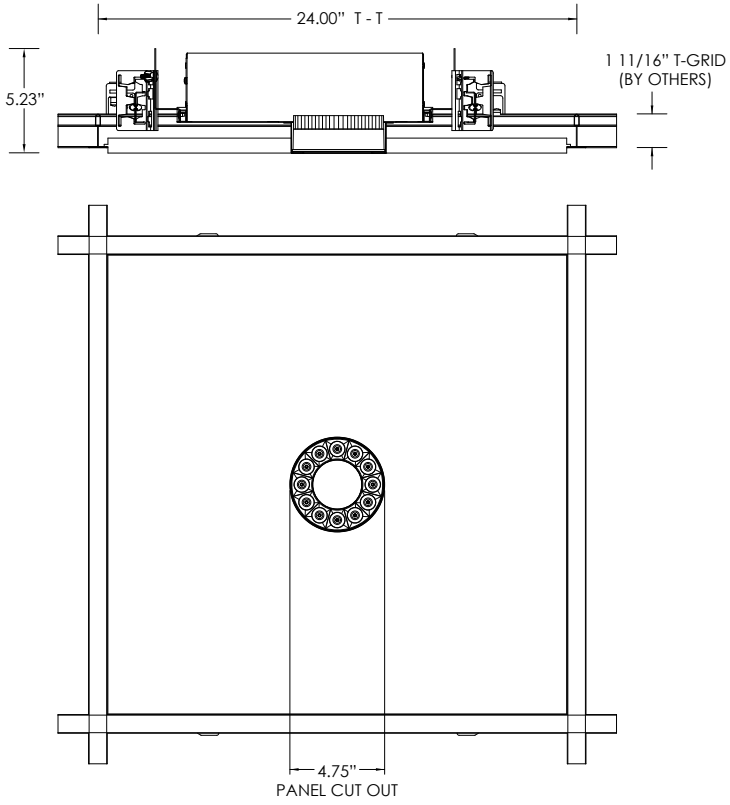
MOUNTING
All housing options ship with adjustable C-Channel bar hangers
Designed for integration with various wood ceiling systems
Infill panel accessory available with ceiling manufacturer (supplied by others)

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

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

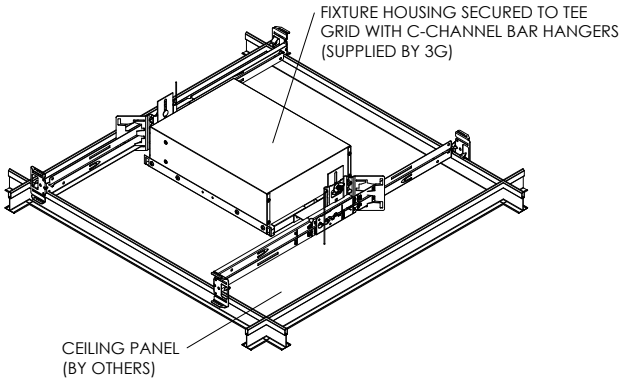
HOUSING OPTIONS

TEGULAR PANEL (CEILING SYSTEM BY OTHERS)



COMPATIBLE CEILING SYSTEMS	
MANUFACTURER	**PART NUMBER**
ARMSTRONG	5404F01, 5404F02, 6484F01, 6484F02, 6485F01, 6485F02, 6486F01, 6486F02, 6487F01, 6487F02, 6510F01, 6510F02, 6511F01, 6511F02, 6512F01, 6512F02

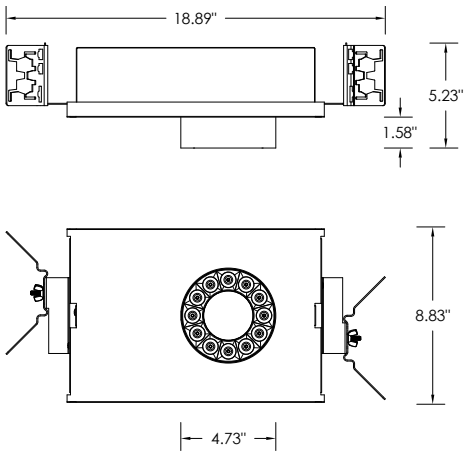
NC - NEW CONSTRUCTION HOUSING



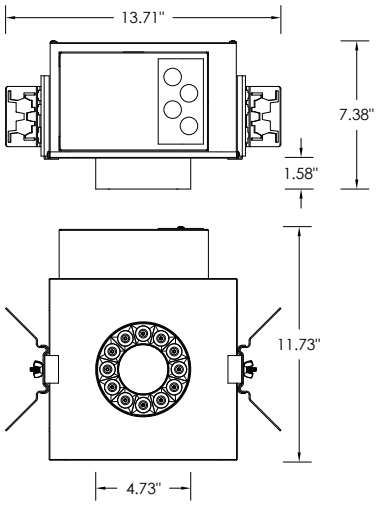
PLEASE NOTE: FIXTURE INSTALLATION MUST BE COORDINATED WITH CEILING PANEL INSTALLATION TO ENSURE FIXTURE ACCESSIBILITY CEILING SYSTEM AND 5/8" THICK INFILL PANEL (BY OTHERS)

HOUSING TYPES

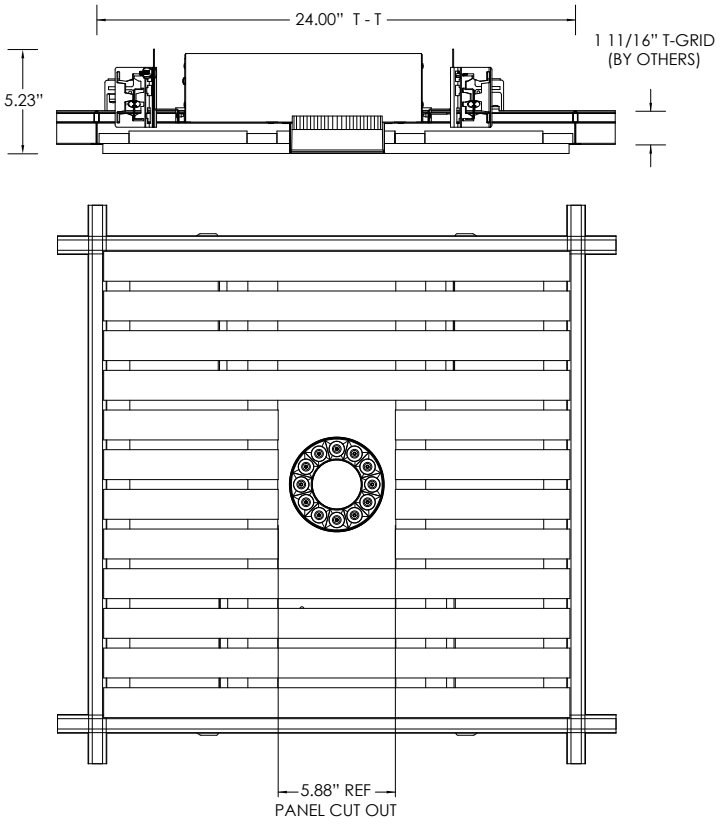
SH - SHALLOW HOUSING (CP RATED) (2500LM MAX)



NC - NEW CONSTRUCTION HOUSING (CP RATED)

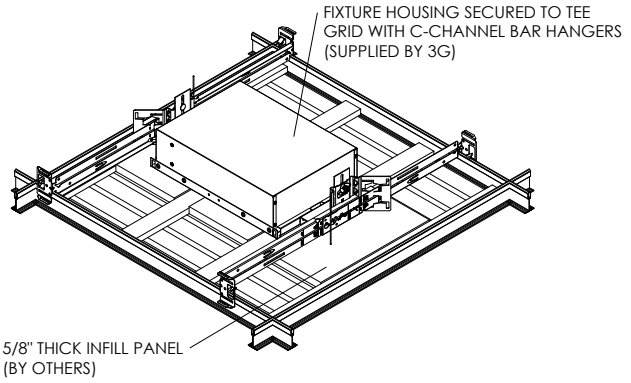


LINEAR TEGULAR (CEILING SYSTEM BY OTHERS)



COMPATIBLE CEILING SYSTEMS	
MANUFACTURER	**COMPATIBLE PART NUMBER**
ARMSTRONG	6733F51L2T9, 6733F51L4T9, 6733F51L2T5, 6733F51L4T5

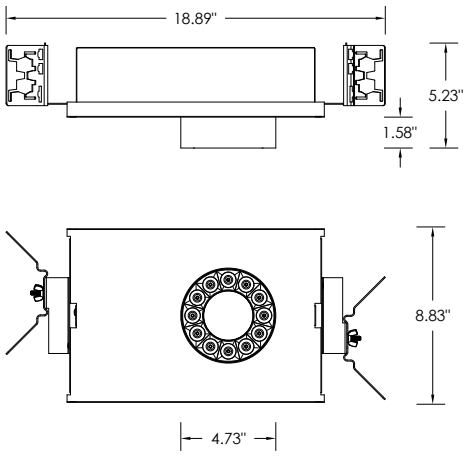
NC - NEW CONSTRUCTION HOUSING



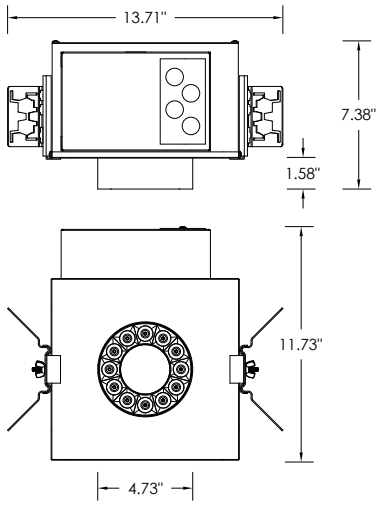
PLEASE NOTE: FIXTURE INSTALLATION MUST BE COORDINATED WITH CEILING PANEL INSTALLATION TO ENSURE FIXTURE ACCESSIBILITY CEILING SYSTEM AND 5/8" THICK INFILL PANEL (BY OTHERS)

HOUSING TYPES

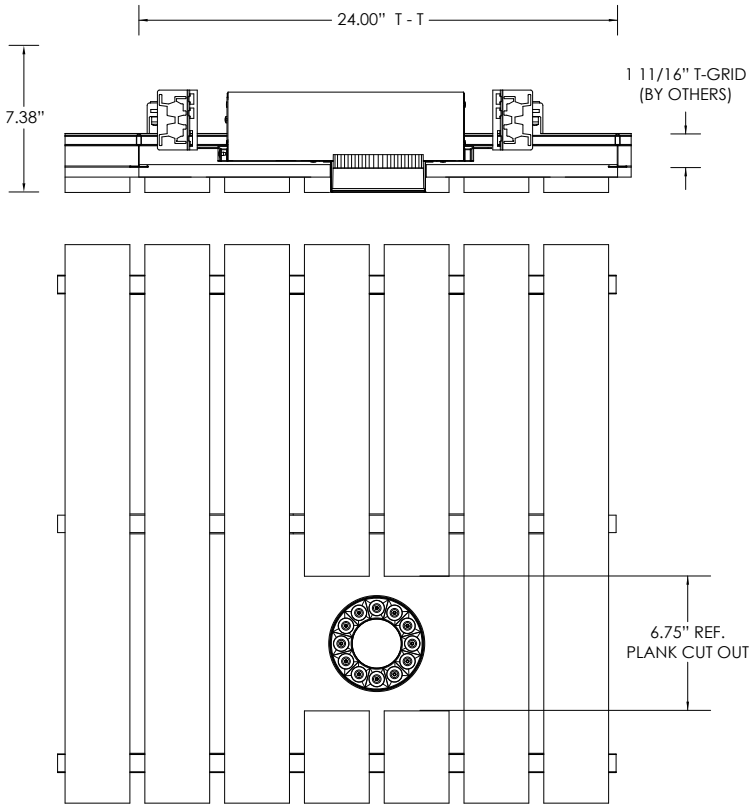
SH - SHALLOW HOUSING (CP RATED) (2500LM MAX)



NC - NEW CONSTRUCTION HOUSING (CP RATED)

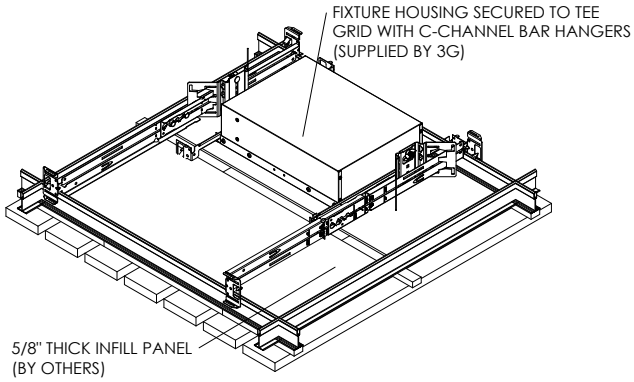


3.25" LINEAR PANEL (CEILING SYSTEM BY OTHERS)



COMPATIBLE CEILING SYSTEMS	
MANUFACTURER	**COMPATIBLE PART NUMBER**
ARMSTRONG	8176W1
9WOOD	2114-2, 2114-3

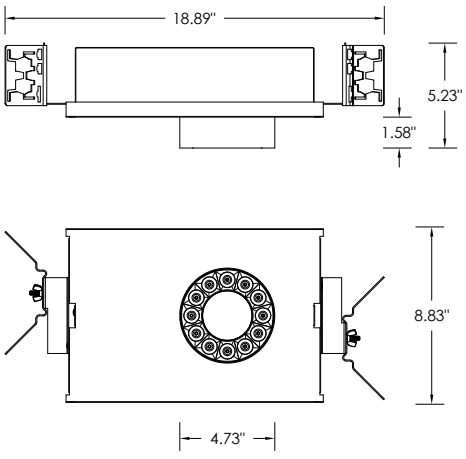
NC - NEW CONSTRUCTION HOUSING



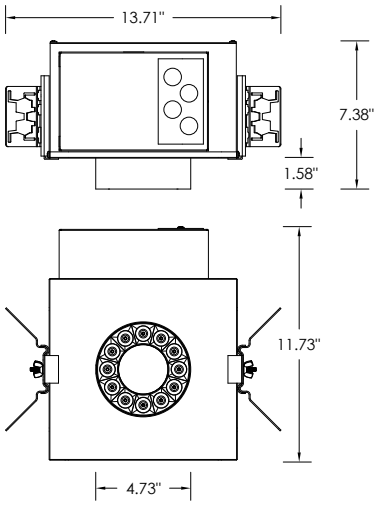
PLEASE NOTE: FIXTURE INSTALLATION MUST BE COORDINATED WITH CEILING PANEL INSTALLATION TO ENSURE FIXTURE ACCESSIBILITY CEILING SYSTEM AND 5/8" THICK INFILL PANEL (BY OTHERS)

HOUSING TYPES

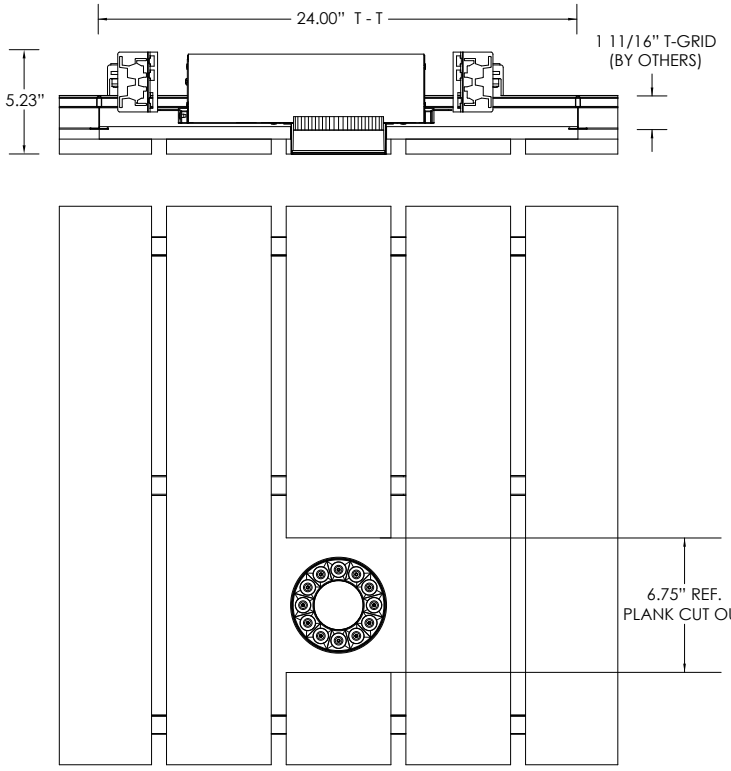
SH - SHALLOW HOUSING (CP RATED) (2500LM MAX)



NC - NEW CONSTRUCTION HOUSING (CP RATED)

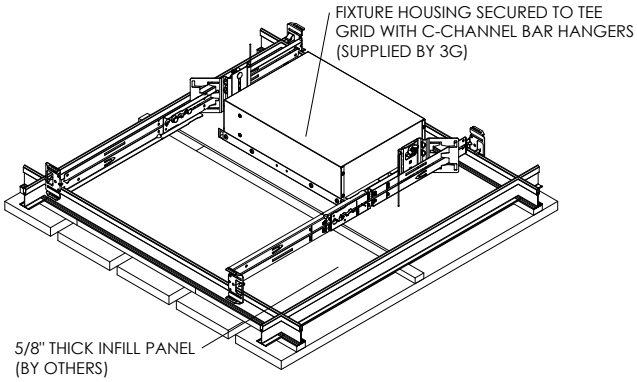


5.25" LINEAR PANEL (CEILING SYSTEM BY OTHERS)



COMPATIBLE CEILING SYSTEMS	
MANUFACTURER	**COMPATIBLE PART NUMBER**
ARMSTRONG	8177W1
9WOOD	2116-2

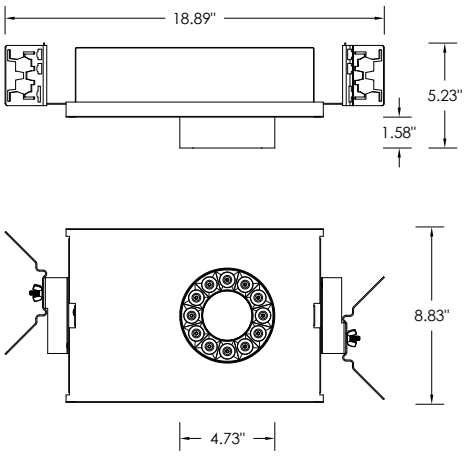
NC - NEW CONSTRUCTION HOUSING



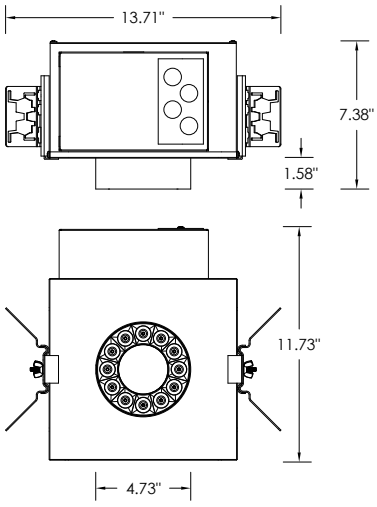
PLEASE NOTE: FIXTURE INSTALLATION MUST BE COORDINATED WITH CEILING PANEL INSTALLATION TO ENSURE FIXTURE ACCESSIBILITY CEILING SYSTEM AND 5/8" THICK INFILL PANEL (BY OTHERS)

HOUSING TYPES

SH - SHALLOW HOUSING (CP RATED) (2500LM MAX)



NC - NEW CONSTRUCTION HOUSING (CP RATED)



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 — DOWNLIGHTS

Recessed downlights for general, accent, and wall wash applications. Available in fixed and adjustable configurations with multiple beam angles, lumen packages, 95+ CRI as standard, low-glare/UGR-rated options, and multiple trim conditions. Options include adjustable modules, dual-axis gimbals, and low-glare multicell optics.

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.

Red List Free

INTERNATIONAL LIVING FUTURE INSTITUTE℠

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℠

Downlight Products
3G Lighting

Final Assembly: Woodbridge, Ontario, Canada
Life Expectancy: 7+ Year(s)
End of Life Options: Recyclable (95%), Landfill (5%)

Ingredients:

Steel, cold roll UNS G10080; Aluminum UNS A96063; Aluminum; Pulp, cellulose; Nylon 6; 2-Propenoic acid, butyl ester, polymer with ethenylbenzene and 2-propenenitrile; Carbonic dichloride, polymer with 4,4′-(1-methylethylidene)bis[phenol]; Paper; Soda lime; Starch, base-hydrolyzed, borated; Magnesium; 2,4,8,10-Tetraoxa-3,9-diphosphaspiro[5.5]undecane, 3,9-bis[2,4-bis(1,1-dimethylethyl)phenoxy]-; Silicon; Vinyl acetate; 1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-; Chromium, metallic

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

GLG-0004
EXP. 01 JUN 2027
Original Issue Date: 2026

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare