3G-DL45RA

4" ROUND ADJUSTABLE
DOWNLIGHT



Standard 95+ CRI LED system with performance up to 116 LPW
Delivers up to 3927lm at 95+ CRI, with select configuration
Regressed LED source for enhanced glare control
Proprietary hot aiming mechanism with sliding center beam optimization
0° - 40° lockable tilt and 360° lockable rotation
Energy Star and Title 24 JA8 certified with maximum 1500lm output
Available with Lutron AWN for wireless control
Companion to 3G's Cylinder, G-RO, and 3Gi product families

TRIM FLANGE



TRIMLESS

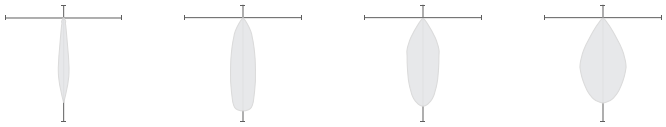


MILLWORK



OPTICS

10D 20D 40D 60D



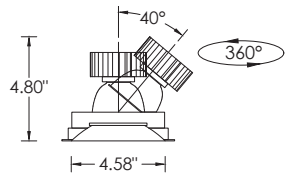
PERFORMANCE

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000	1000	9.7	103
1500	1500	14.9	101
2000	2000	20.9	96
2500	2500	27.0	93
3000	3000	34.8	86
3500	3500	41.9	83

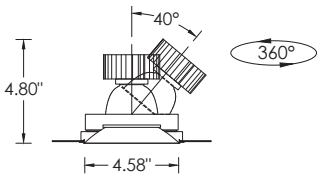
BASED ON 95+ CRI, 3500K, 40D OPTIC WITH SOFTENING LENS
Lumen output and actual wattage may vary +/- 5%

DIMENSIONS

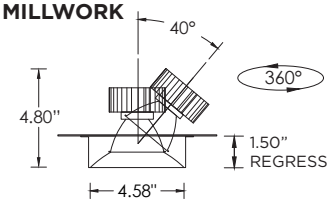
TRIM FLANGE

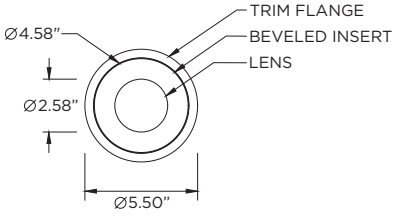


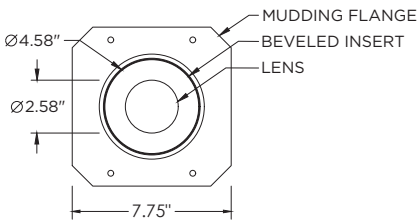
TRIMLESS

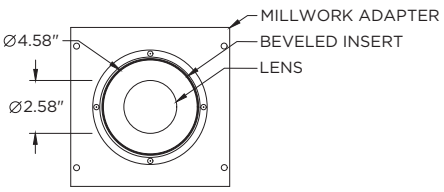


MILLWORK









3G LIGHTING

3G-DL45RA
4" ROUND ADJUSTABLE DOWNLIGHT

ORDERING INFORMATION

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

CAT. NO	LUMEN OUTPUT	CRI	COLOR TEMP	BEAM ANGLE	VOLTAGE
3G-DL45RA	**10 -** 1000 LUMENS **15 -** 1500 LUMENS **20-** 2000 LUMENS **25 -** 2500 LUMENS **30-** 3000 LUMENS **35 -** 3500 LUMENS All lumen outputs are **delivered lumens** at 95+ CRI	**H95 -** 95+ CRI	**27K -** 2700K **30K -** 3000K **35K -** 3500K **40K -** 4000K	**10D -** 10° [1] **20D -** 20° [1] **40D-** 40° **60D-** 60°	**UNV -** 120/277V **120 -** 120V **347 -** 347V [2]

DRIVER	FLANGE TYPE	BEVELED INSERT	HOUSING TYPE
DIM - 0-10V (100-1%) **LE -** PHASE DIM [3] (TRIAC/ELV, 100-1%) **D01 -** 0-10V (100-0.1%) **DALI -** DALI (100-1%) [4] **DMX -** DMX (100-0%) [5] **DHL2 -** LUTRON HI-LUME LDE1 (1% ECOSYSTEM)	**WT -** WHITE TRIM **BT -** BLACK TRIM **ST -** SILVER TRIM **XTR -** TRIMLESS (MUD-IN DRYWALL) **MWF -** FLANGELESS (MILLWORK) [6]	**WI-** WHITE **BI -** BLACK **SI -** SILVER	**RMD -** REMODEL (NON-IC) **NCF -** NEW CONSTRUCTION FRAME (NON-IC) **NC -** NEW CONSTRUCTION HOUSING **IC -** NEW CONSTRUCTION [7] IC HOUSING NCF housing ship with nailer type bar hangers. NC and IC housings available with optional C-channel bar hangers

OPTIONS

AWNR - LUTRON ATHENA RF NODE [8]
SF - SOFTENING LENS (SUPPLIED STANDARD) [9]
SB - SANDBLASTED LENS
LS - LINEAR SPREAD LENS
WL - WET LOCATION RATED
CP - CHICAGO PLENUM [10]
BH - C-CHANNEL BAR HANGERS
EMR - EMERGENCY BATTERY (REMOTE) [11]
EMB - INTEGRAL EMERGENCY BATTERY [12] (ABOVE CEILING ACCESS REQUIRED)

Maximum 2 optical accessory

JA8 TITLE 24 — JA8 (Title 24) Listing available with 1500lm maximum Driver options include "DIM" (0-10V) and "LE" (Phase dimming)

AWN LUTRON — Lutron Athena Wireless Node (AWN) available with DIM (0–10V) driver option
See page 8 for more details

1 10D reflector available up to 1500lm
2 347 available in "DIM" 0-10V only (100-1%)
3 Phase dimming options available in 120V only
4 DALI-2 (Type 6) provided as standard
5 3000lm and 3500lm with DMX driver option available with NC (New Construction housing), RMD (Remodel) and IC (New Construction IC housing) housings only
6 MWF not available with Remodel (NON-IC)
7 New Construction IC housing available up to 2000lm
8 Available with DIM driver option. Available with NCF (New construction frame) and RMD (Remodel) housings only
9 Softening lens not provided with 90D optic
10 Chicago Plenum option available with New Construction Housing
11 Supplied with enclosure with Emergency Battery and driver. Installed remotely by others. Not accessible through fixture aperture
12 Available with NCF (New construction frame housing) only. Above ceiling access required. Not accessible through fixture aperture

PERFORMANCE

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000	1000	9.7	103
1500	1500	14.9	101
2000	2000	20.9	96
2500	2500	27.0	93
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3500	3500	41.9	83

BASED ON 95+ CRI, 3500K, 40D OPTIC WITH SOFTENING LENS
Lumen output and actual wattage may vary +/- 5%

MULTIPLIERS

BEAM ANGLE	
10D	1.10
20D	0.98
40D	1.00
60D	0.97

COLOR TEMP	
2700K	0.98
3000K	1.00
3500K	1.00
4000K	1.02

HOUSING

Remodel, new construction frame, new construction and IC housing options available
Maximum ceiling thickness of 1.5". Consult factory for modifications
All housing options (except millwork) designed to be easily converted in field to trim or trimless with minimal components
Housing rated for #12 AWG (4 in, 4 out), 90°C conductors and through branch wiring

BEVELED INSERT

Cast aluminum beveled insert with matte powder coated finish
Regressed LED source for enhanced glare control

TRIM

Machined aluminum trim flange with matte powder coated finish and minimal 0.375" overlap

TRIMLESS

Mudding flange features a perforated surface for easy mud-in application
Integral blocking support provided to ensure fixture is properly secured within ceiling structure

OPTICS

Proprietary anodized, aluminum reflectors
Beam angle available in 10°, 20°, 40° and 60°
Reflectors are field replaceable (10° reflector not interchangeable)
Softening lens supplied standard
0° - 40° lockable tilt and 360° lockable rotation (center beam optimization)

LED SYSTEM

Standard 95+ CRI
Color consistency <2 SDCM
Available in 27K, 30K, 35K, and 40K
L90 > 50,000 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
120V Forward Phase/Reverse Phase driver option (100-1%)
Integral drivers are easily accessible through luminaire aperture

EMERGENCY

7W output for 90 minutes (+/- 700lm at 95+ CRI). Title 24 Certified
Integral emergency battery (above ceiling access required)
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

Trim fixture designed for use in drywall, wood, acoustic, and other architectural ceilings
Trimless fixture designed for use in drywall, mud-in ceiling applications
Recommended cut-out for Millwork Flangeless option (4.78")
Recommended cut-out for other housing options (5.125")
New construction frame ship with nailer type bar hangers (14" to 26" extension)
Optional C-Channel bar hangers available for NC and IC housing options

LISTING

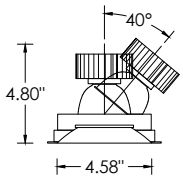
ETL listed and conforms to UL1598 standard
Certified to CSA22.2 NO.250.0.
Declare® LBC Red List Free
JA8 (Title 24) Listed
ENERGY STAR certified
Rated for dry or damp locations

WARRANTY

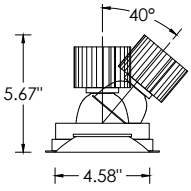
5 year limited warranty
LED system rated for operation in ambient environments up to 25°C

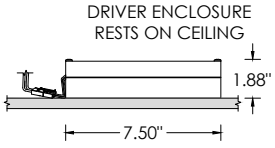
RMD - REMODEL (NON-IC)

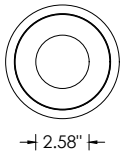
1500lm max

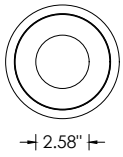


2000lm - 3500lm



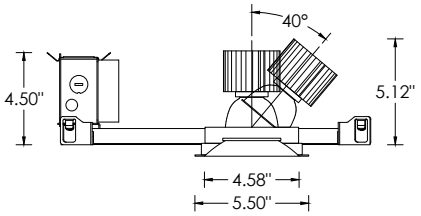


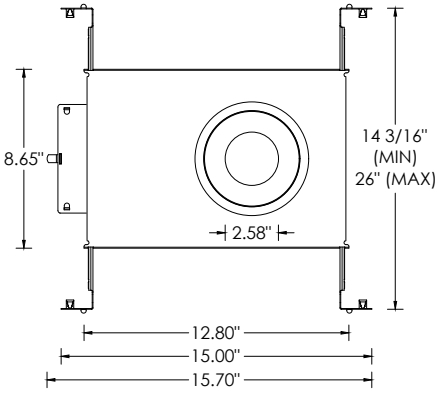




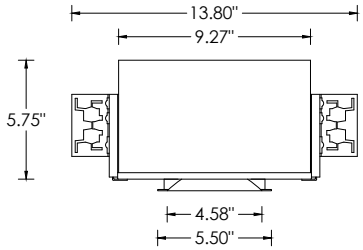


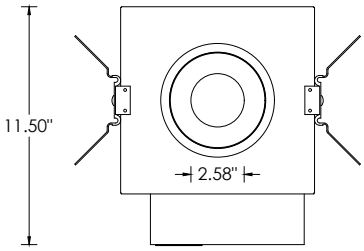
NCF - NEW CONSTRUCTION FRAME (NON-IC)



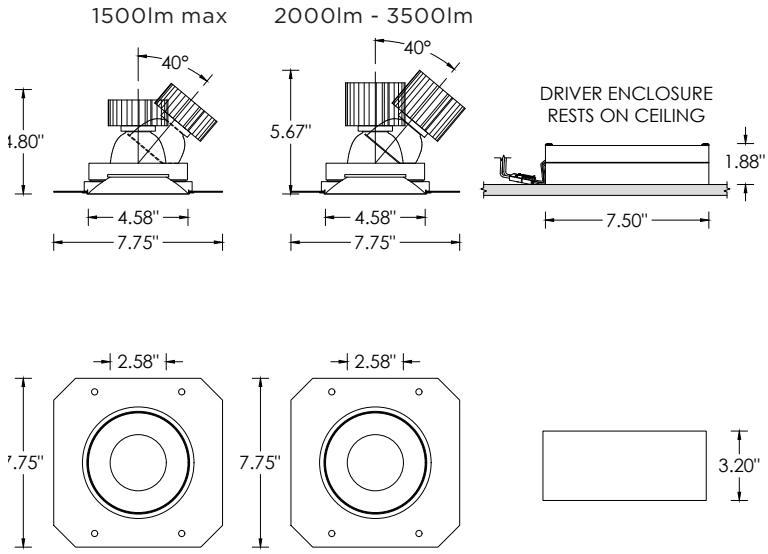


NC- NEW CONSTRUCTION HOUSING (NON-IC AND CP RATED)
IC - NEW CONSTRUCTION IC HOUSING (2000LM MAX)

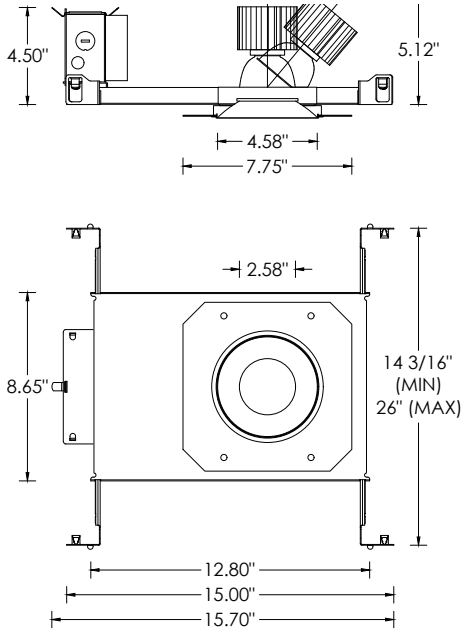




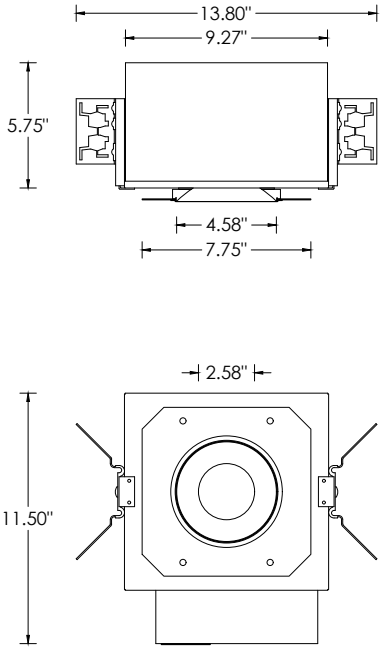
RMD - REMODEL (NON-IC)



NCF - NEW CONSTRUCTION FRAME (NON-IC)

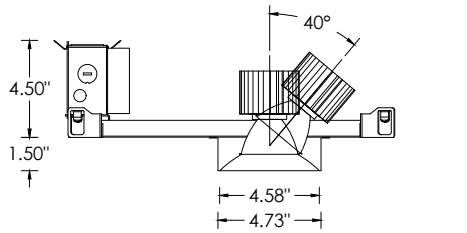


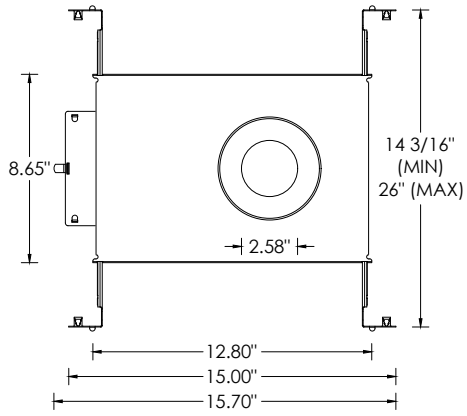
NC- NEW CONSTRUCTION HOUSING (NON-IC AND CP RATED)
IC - NEW CONSTRUCTION IC HOUSING (2000LM MAX)



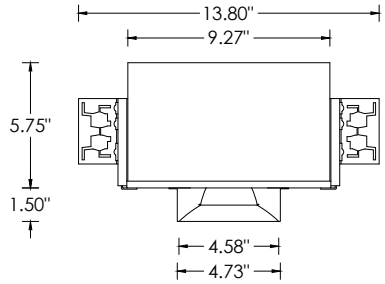
FLANGELESS MILLWORK OPTIONS

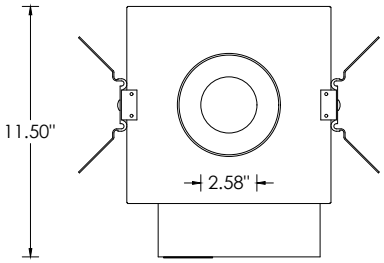
NCF - NEW CONSTRUCTION FRAME (NON-IC)



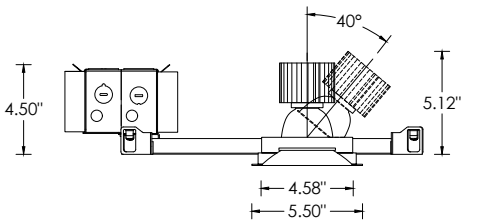


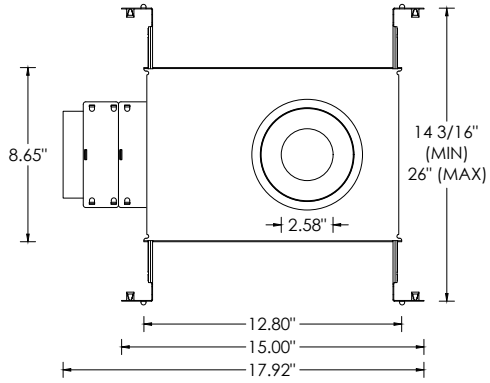
NC- NEW CONSTRUCTION HOUSING (NON-IC AND CP RATED)
IC - NEW CONSTRUCTION IC HOUSING (2000LM MAX)



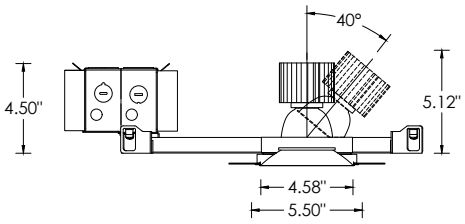


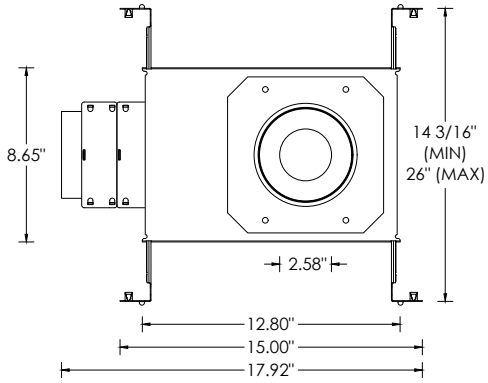
TRIM



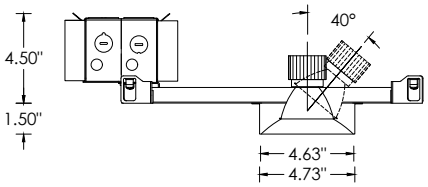


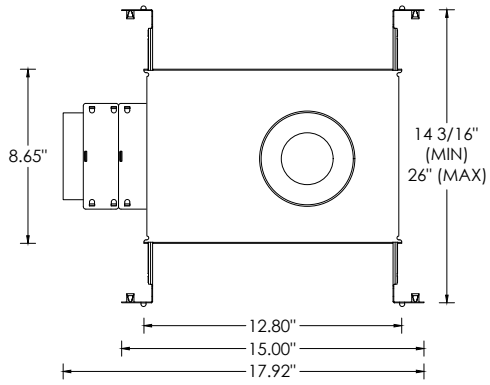
XTR - TRIMLESS (MUD-IN DRYWALL)





MWF - FLANGELESS MILLWORK





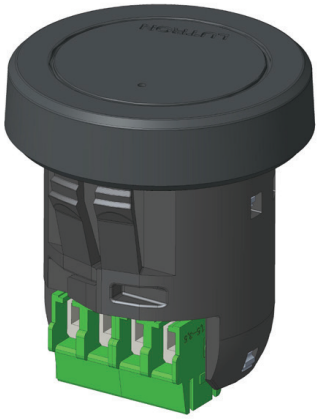
LUTRON ATHENA WIRELESS NODE

The Athena wireless node (AWN) is a radio frequency (RF) device that enables simple, digital control of individual light fixtures in an Athena or myRoom XC control system. AWN is offered as a factory-installed RF control option across select 3G luminaires.

The Athena wireless processor or Clear Connect gateway – Type X is required to operate an Athena wireless node in an Athena or myRoom XC control system via a simple setup process using an iOS® or Android® compatible app. This enables these fixtures to be controllable by other Lutron wall controls, keypads, sensors, Pico remote controls, etc

AWN LUTRON

AWNR
RF NODE ONLY
FACTORY-INSTALLED
FOR INDIVIDUAL
FIXTURE CONTROL

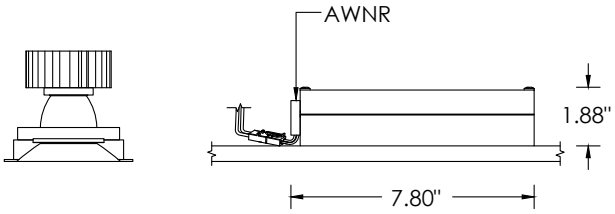


HOUSING AND DRIVER COMPATIBILITY

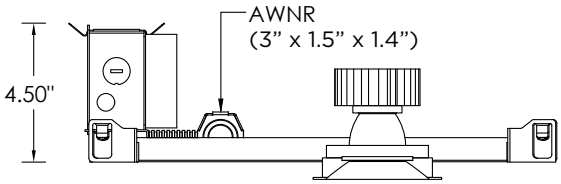
Housing types:
- NCF (New Construction, non-IC)
- RMD (Remodel, non-IC)

Driver / dimming types:
- DIM – 0–10V (100-1%)

RMD - REMODEL (NON-IC)



NCF - NEW CONSTRUCTION FRAME (NON-IC)



DEFAULT BEHAVIOR PRIOR TO PROGRAMMING

Light level defaults to 100%
Device runs an unprogrammed startup sequence until added to the Athena system

RF PLACEMENT (FIELD GUIDELINE)

Each node should be installed within 25 ft (7.6 m) of two or more Clear Connect – Type X devices (nodes / gateways / processors)
Follow Lutron Athena design guidelines for device density and coverage

SERVICING

Accessible through luminaire aperture
If the AWNR node is replaced, it must be re-added / re-commissioned within the Athena system by the controls contractor.

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

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- 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

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