# 3G-DL33SF

3" SQUARE FIXED DOWNLIGHT
DIM TO WARM



Standard 90+ CRI Dim to Warm LED system (3000K-1800K)
Regressed LED source for enhanced glare control
20° to 90° beam angle options suitable for various applications
Available with Lutron AWN for wireless control
Companion to 3G's Cylinder, G-RO, and 3Gi product families

## TRIM FLANGE



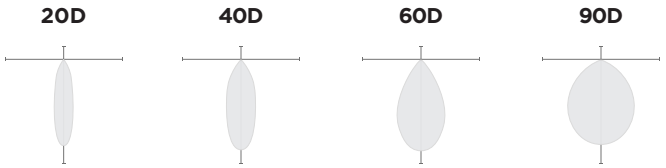
## TRIMLESS



## MILLWORK



## OPTICS



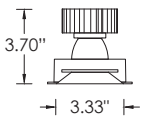

## PERFORMANCE

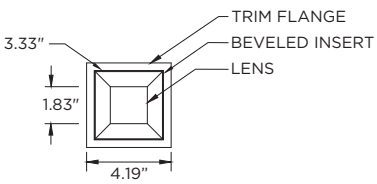
| LUMEN OUTPUT | DELIVERED LUMENS | SYSTEM WATTS | EFFICACY (LPW) |
|---|---|---|---|
| 750 | 750 | 10.0 | 75 |
| 1000 | 1000 | 13.0 | 77 |
| 1250 | 1250 | 17.1 | 73 |
| 1500 | 1500 | 20.9 | 72 |
| 1850 | 1850 | 27.7 | 67 |

BASED ON 90+ CRI, 3000K, 40D OPTIC WITH SOFTENING LENS
Lumen output and actual wattage may vary +/- 5%

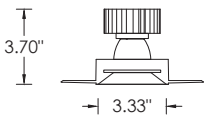
## DIMENSIONS

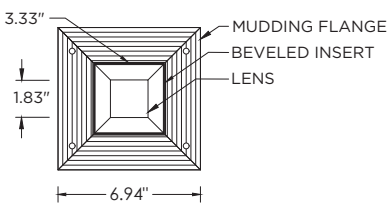
### TRIM FLANGE



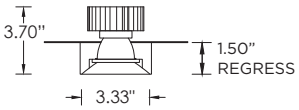



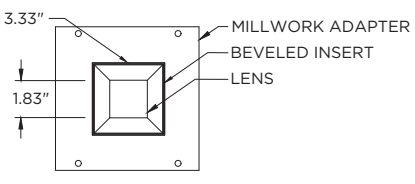

### TRIMLESS




### MILLWORK



**3G-DL33SF**
3" SQUARE FIXED DOWNLIGHT - DIM TO WARM

## ORDERING INFORMATION

3GD - Dim to Warm

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

| CAT. NO | LED SOURCE | LUMEN OUTPUT | CRI | BEAM ANGLE | VOLTAGE |
|---|---|---|---|---|---|
| **3G-DL33SF** | **DW -** DIM TO WARM (3000K-1800K) | **07 -** 750 LUMENS<br>**10 -** 1000 LUMENS<br>**12 -** 1250 LUMENS<br>**15 -** 1500 LUMENS<br>**18 -** 1850 LUMENS<br>All lumen outputs are **delivered lumens** at 90+ CRI | **H90 -** 90+ CRI | **20D -** 20° [1]<br>**40D -** 40°<br>**60D -** 60°<br>**90D -** 90° [2] | **UNV -** 120/277V<br>**120 -** 120V<br>**347 -** 347V [3] |

| DRIVER | FLANGE TYPE | BEVELED INSERT | HOUSING TYPE |
|---|---|---|---|
| **DIM -** 0-10V (100-1%)<br>**LE -** PHASE DIM [4] (TRIAC/ELV, 100-1%)<br>**D01 -** 0-10V (100-0.1%)<br>**DALI -** DALI (100-1%) [5]<br>**DMX -** DMX (100-0%)<br>**DHL2 -** LUTRON HI-LUME LDE1 (1% ECOSYSTEM) | **WT -** WHITE TRIM<br>**BT -** BLACK TRIM<br>**ST -** SILVER TRIM<br>**XTR -** TRIMLESS (MUD-IN DRYWALL)<br>**MWF -** FLANGELESS [6] MILLWORK | **WI -** WHITE<br>**BI -** BLACK<br>**SI -** SILVER | **RMD -** REMODEL (NON-IC)<br>**NCF -** NEW CONSTRUCTION FRAME (NON-IC)<br>**SH -** SHALLOW HOUSING [7] (IC RATED & CP RATED)<br>**NC -** NEW CONSTRUCTION HOUSING<br>**IC -** NEW CONSTRUCTION [7] IC HOUSING<br>NCF and SH housings 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]
**HX -** HEXCELL LOUVER
**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 accessories

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

1 20D reflector available up to 1000lm
2 90D lens optic not available with other lens options
3 347 available in "DIM" 0-10V only (100-1%)
4 Phase dimming options available in 120V only
5 DALI-2 (Type 6) provided as standard
6 MWF not available with Remodel (NON-IC)
7 Shallow Housing available up to 1000lm. New Construction IC housing available up to 1250lm
8 Available with DIM driver option. Available with NCF (New construction frame) and RMD (Remodel) housings only. Not available with EMR or EMB
9 Softening lens not provided with 90D optic
10 Chicago Plenum option available with Shallow Housing (1000lm max) and New Construction Housing
11 Enclosure supplied with Emergency Battery and driver. Installed remotely by others. Not accessible through fixture aperture. LED operates at 6500K
12 Available with NCF housing option only. Above ceiling access required. Not accessible through fixture aperture. LED operates at 6500K

## PERFORMANCE

| LUMEN OUTPUT | DELIVERED LUMENS | SYSTEM WATTS | EFFICACY (LPW) |
|---|---|---|---|
| 750 | 750 | 10.0 | 75 |
| 1000 | 1000 | 13.0 | 77 |
| 1250 | 1250 | 17.1 | 73 |
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| 1850 | 1850 | 27.7 | 67 |

BASED ON 90+ CRI, 3000K, 40D OPTIC WITH SOFTENING LENS
Lumen output and actual wattage may vary +/- 5%

## MULTIPLIERS

| BEAM ANGLE | |
|---|---|
| 20D | 1.17 |
| 40D | 1.00 |
| 60D | 0.97 |
| 90D | 0.84 |

## HOUSING

Remodel, new construction frame, shallow housing, 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 20°, 40°, 60° and 90°
Reflectors are field replaceable (20° reflector not interchangeable)
Softening lens supplied standard

## LED SYSTEM

Standard 90+ CRI
Dim to Warm (3000K-1800K)
Color consistency <3 SDCM
L90 > 42,000 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 (+/- 540lm at 90+ 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)
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 (3.625"x3.625")
Recommended cut-out for other housing options (3.938"x3.938")
New construction frame and IC rated shallow housing ship with nailer type bar hangers (14" to 26" extension)
Optional C-Channel bar hangers available for NC and IC housing options

## LISTING

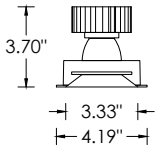
ETL listed and conforms to UL1598 standard
Certified to CSA22.2 NO.250.0.
Rated for dry or damp locations

## WARRANTY

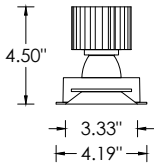
5 year limited warranty
LED system rated for operation in ambient environments up to 25°C

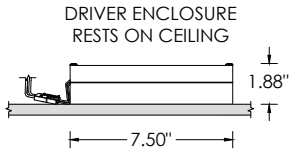
## **RMD -** REMODEL (NON-IC)

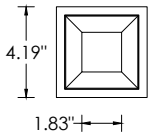
750lm - 1500lm

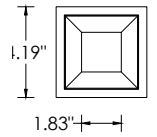



1850lm



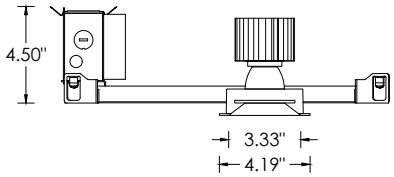



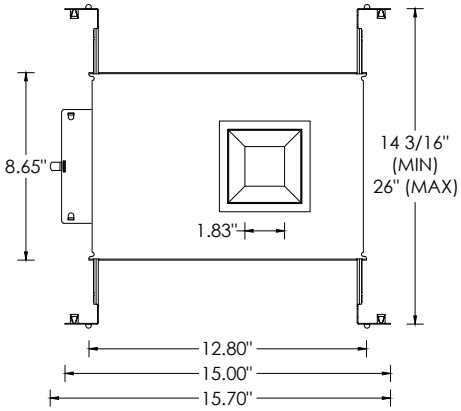





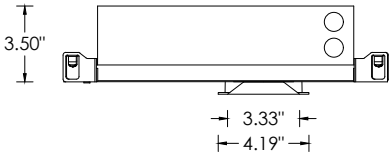


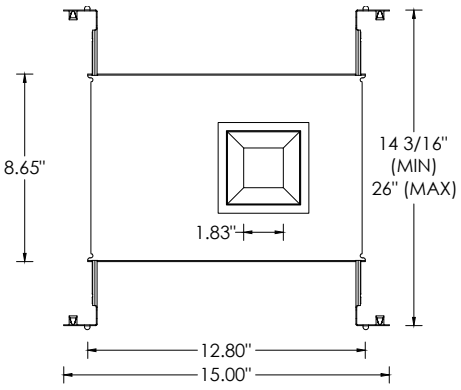
## **NCF -** NEW CONSTRUCTION FRAME (NON-IC)



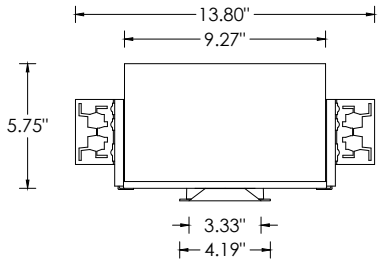



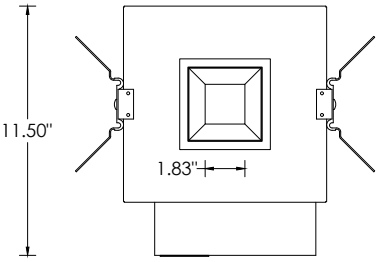

## **SH -** SHALLOW HOUSING (1000LM MAX)
(IC RATED AND CP RATED)



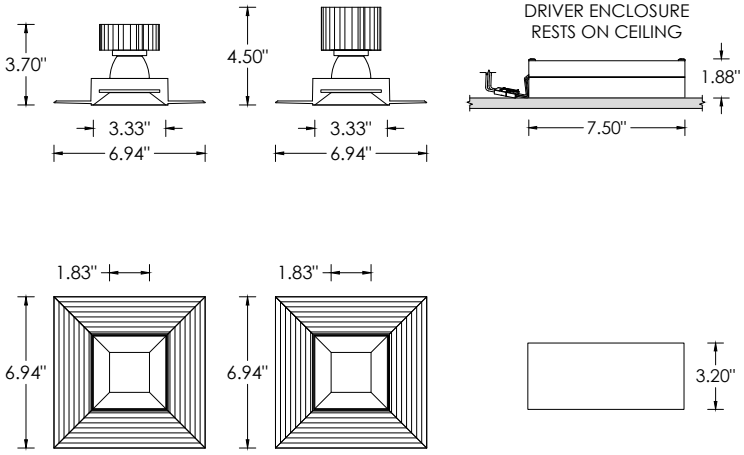

## **NC-** NEW CONSTRUCTION HOUSING (NON-IC AND CP RATED)
## **IC -** NEW CONSTRUCTION IC HOUSING (1250LM MAX)



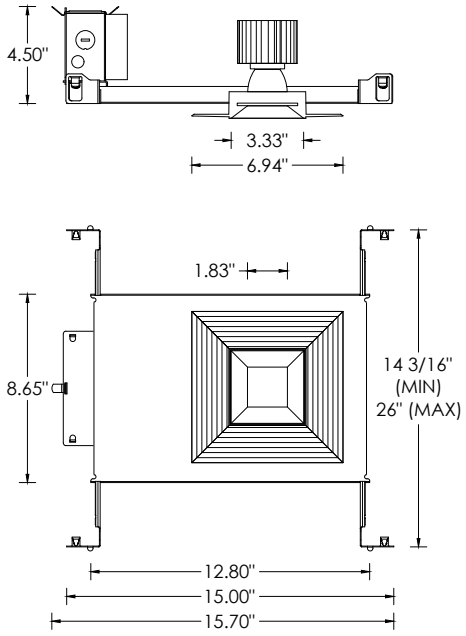



## **RMD -** REMODEL (NON-IC)

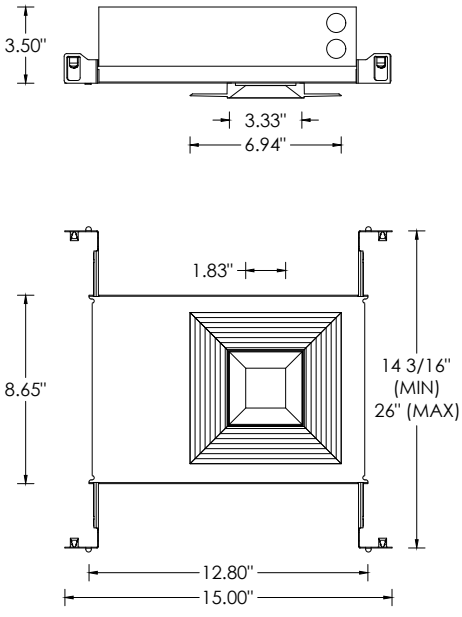
750lm - 1500lm 1850lm



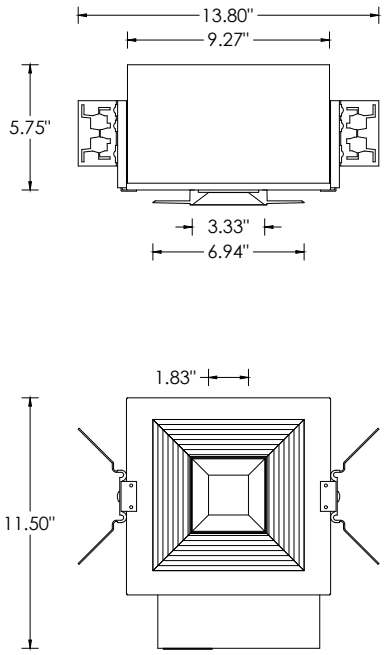

## **NCF -** NEW CONSTRUCTION FRAME (NON-IC)



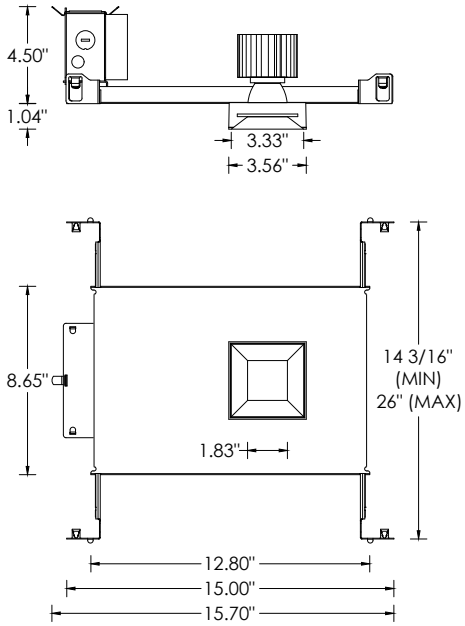

## **SH -** SHALLOW HOUSING (1000LM MAX)
(IC RATED AND CP RATED)



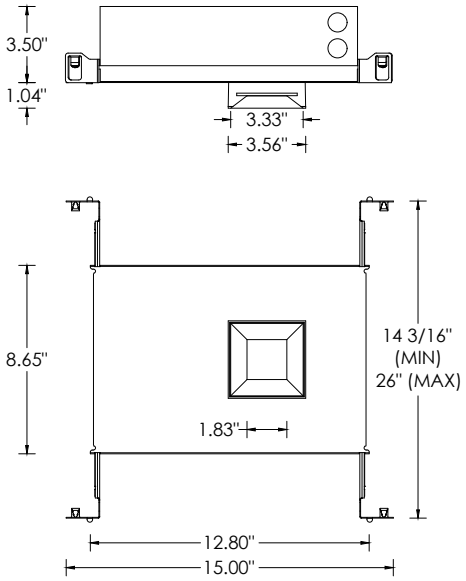

## **NC-** NEW CONSTRUCTION HOUSING (NON-IC AND CP RATED)
## **IC -** NEW CONSTRUCTION IC HOUSING (1250LM MAX)



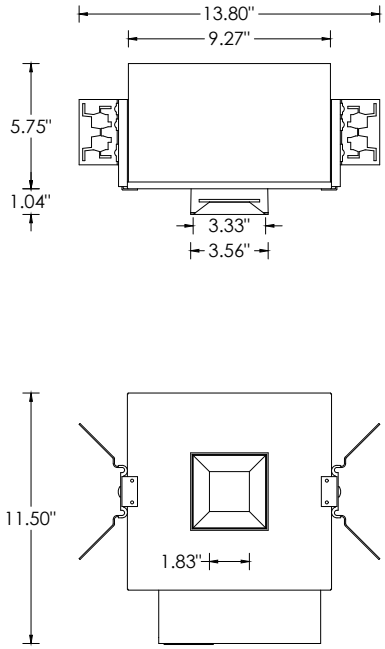
**NCF -** NEW CONSTRUCTION FRAME (NON-IC)




**SH -** SHALLOW HOUSING (1000LM MAX)
(IC RATED AND CP RATED)

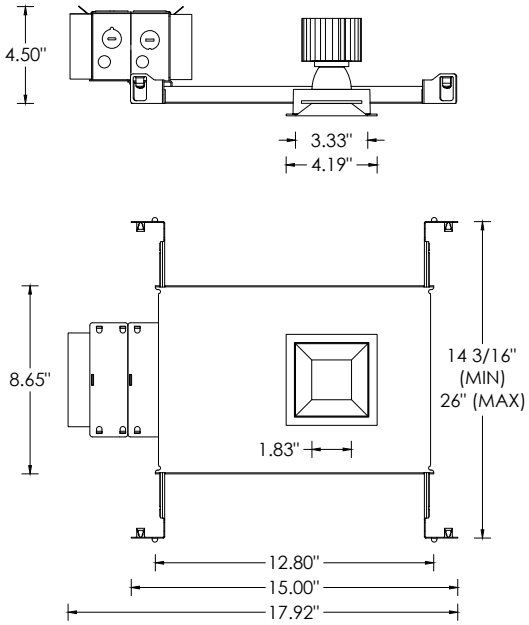



**NC-** NEW CONSTRUCTION HOUSING (NON-IC AND CP RATED)
**IC -** NEW CONSTRUCTION IC HOUSING (1250LM MAX)

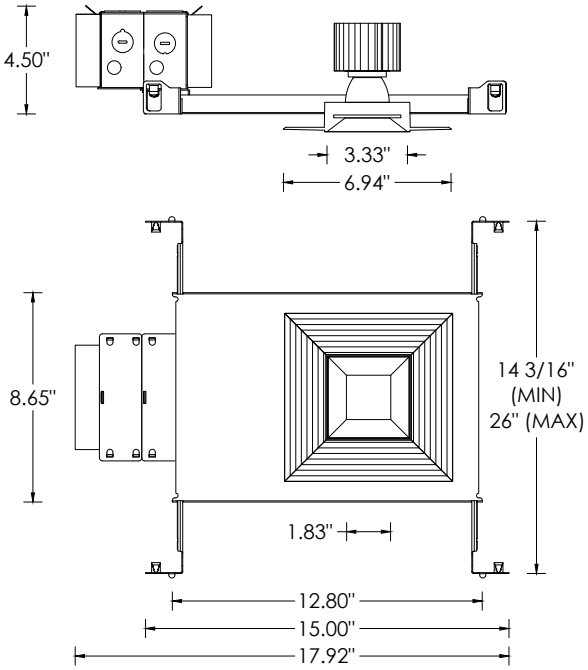


## INTEGRAL EMERGENCY BATTERY OPTIONS

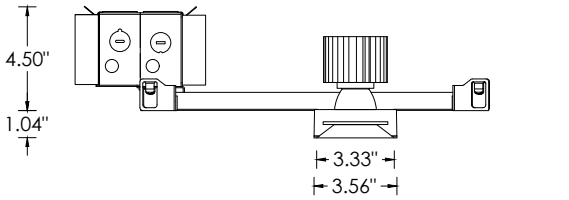
### TRIM

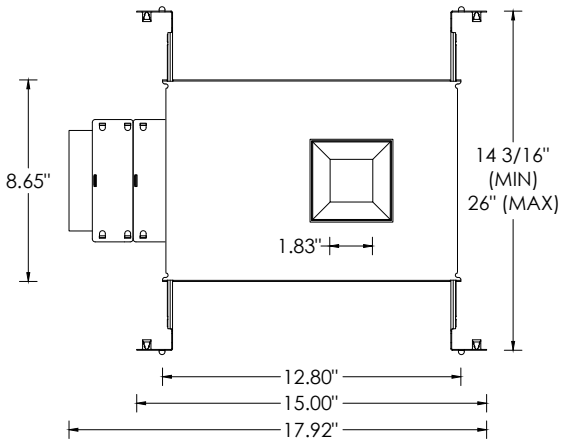



### XTR - TRIMLESS (MUD-IN DRYWALL)




### MWF - FLANGELESS MILLWORK



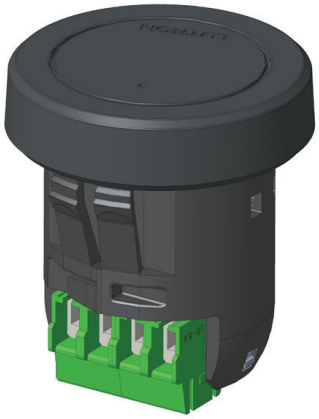
## LUTRON ATHENA WIRELESS NODE

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

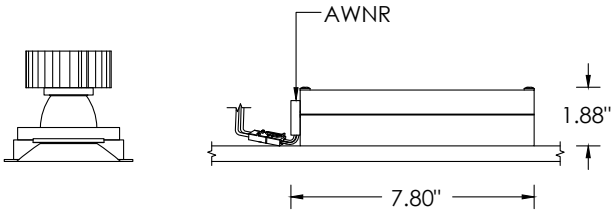


### HOUSING AND DRIVER COMPATIBILITY

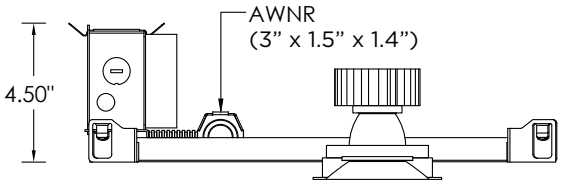
Housing types:
- NCF (New Construction, non-IC)
- RMD (Remodel, non-IC)

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