3G-DL33SA

3" SQUARE ADJUSTABLE DOWNLIGHT
TUNABLE WHITE

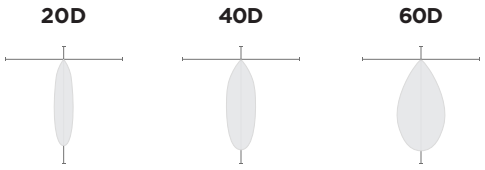
Standard 90+ CRI Tunable White LED system (2700K-6500K)
Regressed LED source for enhanced glare control
Proprietary hot aiming mechanism with sliding center beam optimization
0° - 40° lockable tilt and 360° lockable rotation
Available with Lutron AWN for wireless control
Companion to 3G's Cylinder, G-RO, and 3Gi product families

TRIM FLANGE

TRIMLESS

MILLWORK

OPTICS



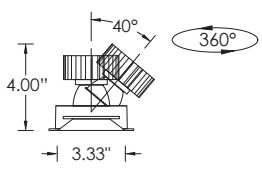
PERFORMANCE

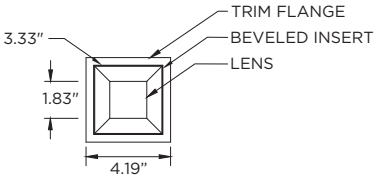
LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
750	750	14.0	53
1000	1000	18.9	53
1250	1250	24.7	51

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

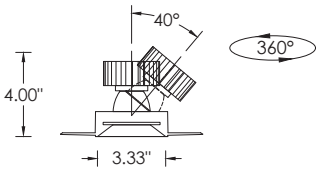
DIMENSIONS

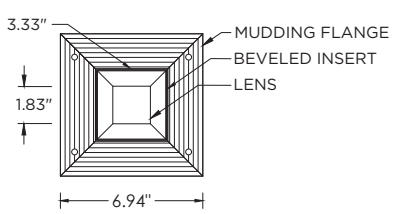
TRIM FLANGE



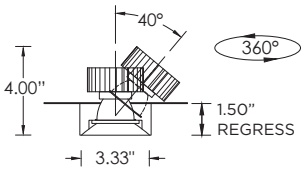


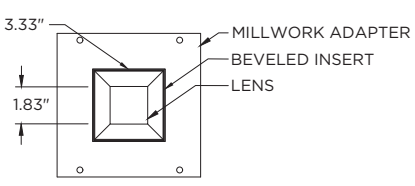
TRIMLESS





MILLWORK





3G-DL33SA
3" SQUARE ADJUSTABLE DOWNLIGHT - TUNABLE WHITE

ORDERING INFORMATION

3GT - Tunable White

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

CAT. NO	LED SOURCE	LUMEN OUTPUT	CRI	BEAM ANGLE	VOLTAGE
3G-DL33SA	**TW -** TUNABLE WHITE (2700K-6500K)	**07 -** 750 LUMENS **10 -** 1000 LUMENS **12 -** 1250 LUMENS All lumen outputs are **delivered lumens** at 90+ CRI	**H90 -** 90+ CRI	**20D -** 20° [1] **40D -** 40° **60D -** 60°	**UNV -** 120/277V

DRIVER	FLANGE TYPE	BEVELED INSERT	HOUSING TYPE
D01 - 0-10V (100-0.1%) **DALI -** DALI (100-1%) **DT8 -** DALI TYPE 8 (100-0.1%) [2] **DMX -** DMX (100-0%)	**WT -** WHITE TRIM **BT -** BLACK TRIM **ST -** SILVER TRIM **XTR -** TRIMLESS (MUD-IN DRYWALL) **MWF -** FLANGELESS [3] MILLWORK	**WI -** WHITE **BI -** BLACK **SI -** SILVER	**RMD -** REMODEL (NON-IC) **NCF -** NEW CONSTRUCTION FRAME (NON-IC) **SH -** SHALLOW HOUSING [4] (IC RATED & CP RATED) **NC -** NEW CONSTRUCTION HOUSING **IC -** NEW CONSTRUCTION [4] IC HOUSING 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 [5]
SF - SOFTENING LENS (SUPPLIED STANDARD)
HX - HEXCELL LOUVER
SB - SANDBLASTED LENS
LS - LINEAR SPREAD LENS
WL - WET LOCATION RATED
CP - CHICAGO PLENUM [6]
BH - C-CHANNEL BAR HANGERS
EMR - EMERGENCY BATTERY (REMOTE) [7]
EMB - INTEGRAL EMERGENCY BATTERY [8] (ABOVE CEILING ACCESS REQUIRED)
Maximum 2 optical accessories

AWN LUTRON — Lutron Athena Wireless Node (AWN) available with DT8 (Dali Type 8) driver only,
See page 8 for more details

1 20D reflector available up to 1000lm
2 DT8 (DALI Type 8) required for Lutron AWN option
3 MWF not available with Remodel (NON-IC)
4 Shallow Housing available up to 750lm. New Construction IC housing available up to 1000lm
5 Available with DT8 (DALI Type 8) driver only. Available with NCF (New construction frame) and RMD (Remodel) housings only. Not available with EMR or EMB
6 Chicago Plenum option available with Shallow Housing (750lm max) and New Construction Housing
7 Enclosure supplied with Emergency Battery and driver. Installed remotely by others. Not accessible through fixture aperture. LED operates at 6500K
8 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	14.0	53
1000	1000	18.9	53
1250	1250	24.7	51

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

MULTIPLIERS

BEAM ANGLE	
20D	1.10
40D	1.00
60D	0.98

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°, and 60°
Reflectors are field replaceable (20° reflector not interchangeable)
Softening lens supplied standard
0° - 40° lockable tilt and 360° lockable rotation (center beam optimization)

LED SYSTEM

Standard 90+ CRI
Tunable White (2700K-6500K)
Color consistency <3 SDCM
L90 > 42,000 hours

ELECTRICAL

Standard 0-10V, constant current drivers
100-0.1% 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 (+/- 370lm 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

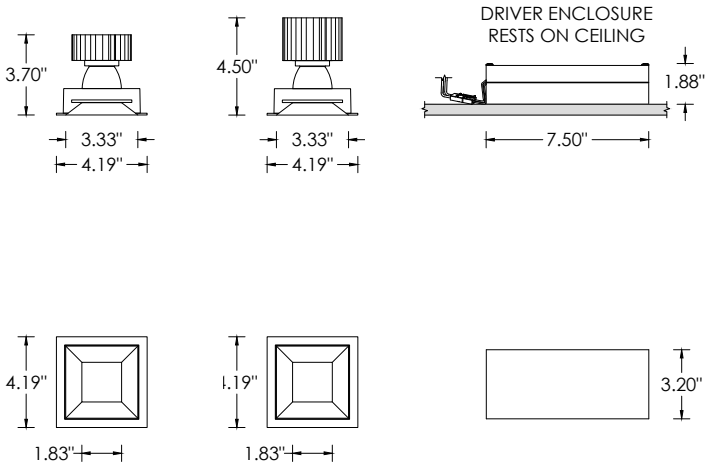
ETL listed and conforms to UL1598 standard
Certified to CSA22.2 NO.250.0.
Rated for dry or damp locations

WARRANTY

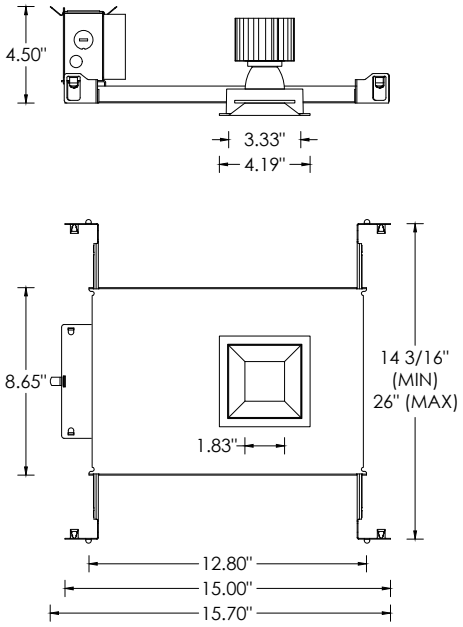
5 year limited warranty
LED system rated for operation in ambient environments up to 25°C

RMD - REMODEL (NON-IC)

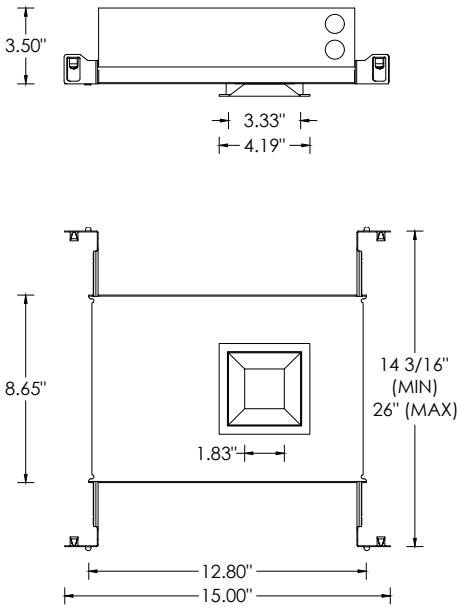
750lm - 1000lm 1250lm



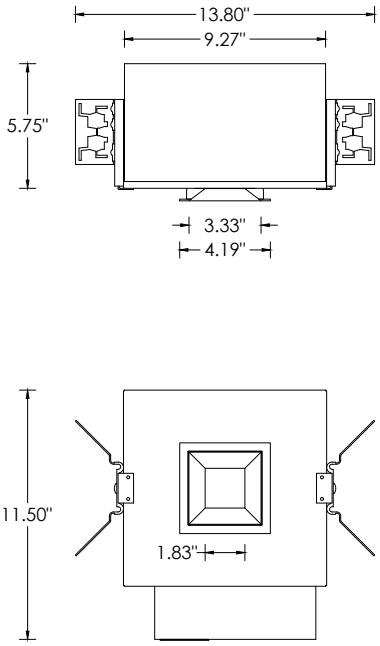
NCF - NEW CONSTRUCTION FRAME (NON-IC)



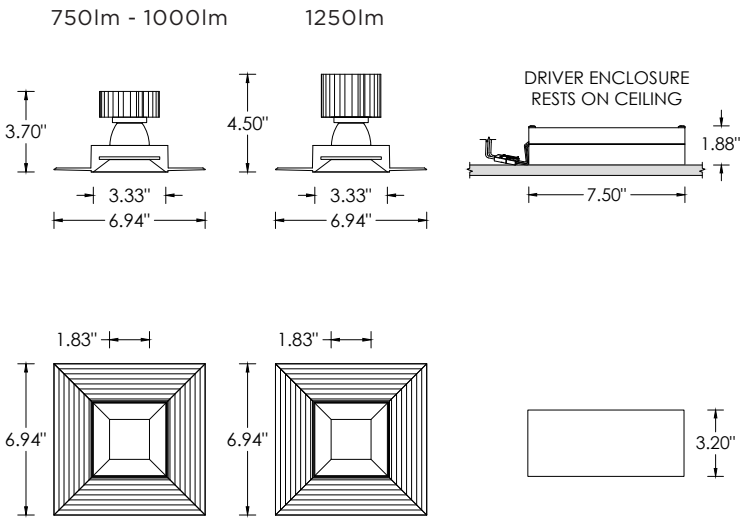
SH - SHALLOW HOUSING (750LM MAX)
(IC RATED AND CP RATED)



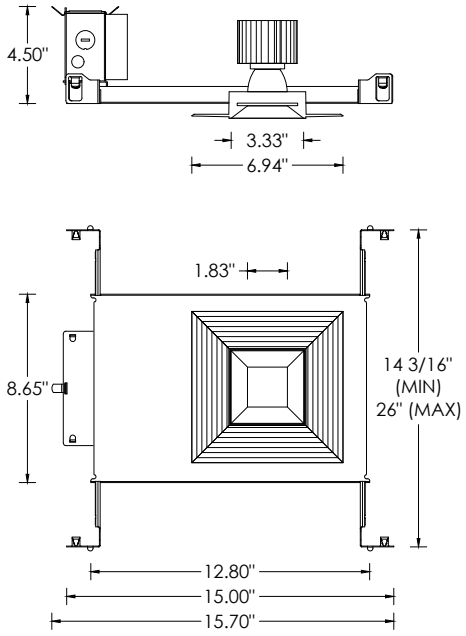
NC- NEW CONSTRUCTION HOUSING (NON-IC AND CP RATED)
IC - NEW CONSTRUCTION IC HOUSING (1000LM MAX)



RMD - REMODEL (NON-IC)



NCF - NEW CONSTRUCTION FRAME (NON-IC)



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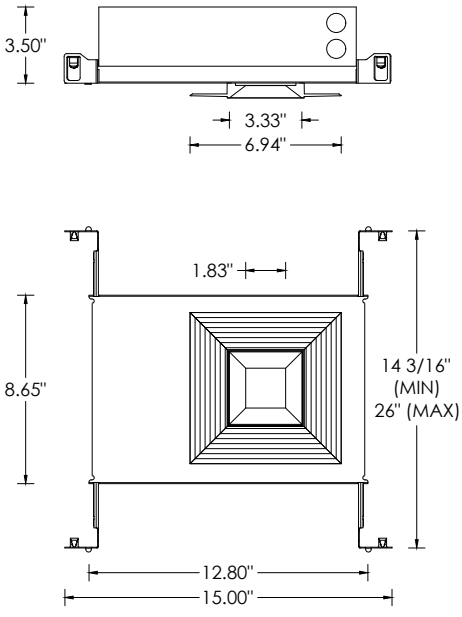
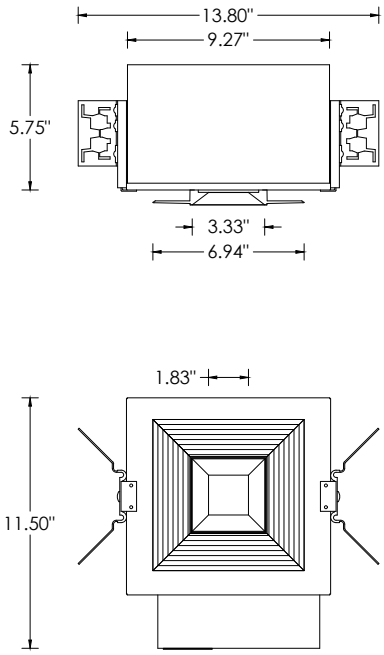
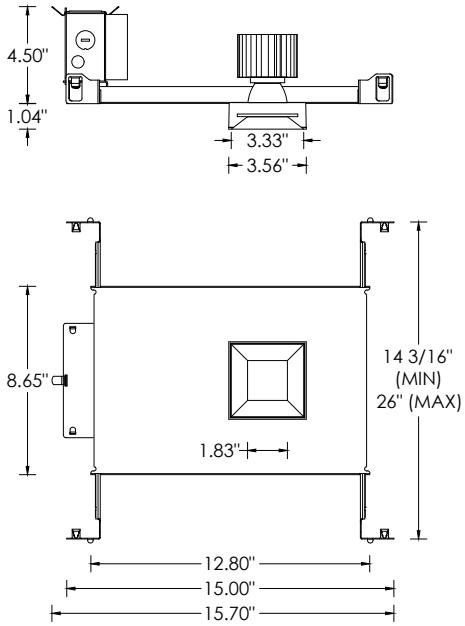
(IC RATED AND CP RATED)



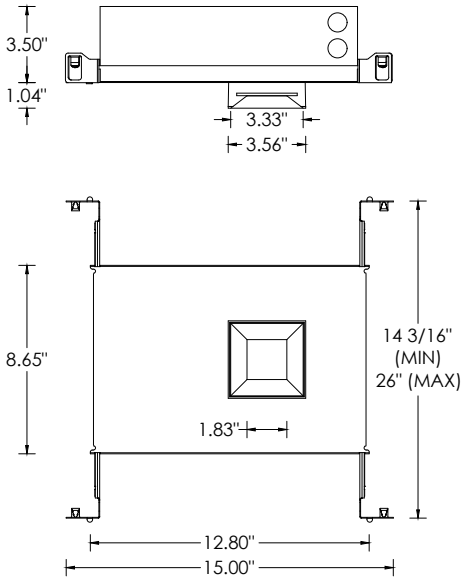
NC- NEW CONSTRUCTION HOUSING (NON-IC AND CP RATED)
IC - NEW CONSTRUCTION IC HOUSING (1000LM MAX)



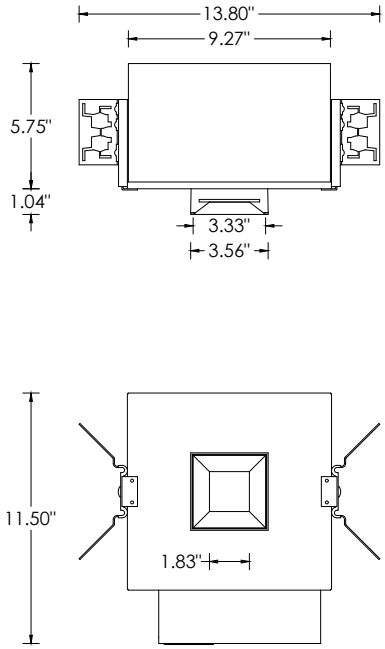
NCF - NEW CONSTRUCTION FRAME (NON-IC)



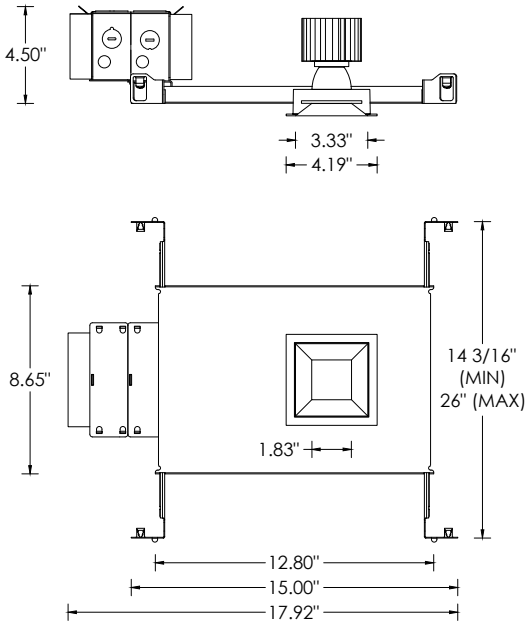
SH - SHALLOW HOUSING (750LM MAX)
(IC RATED AND CP RATED)



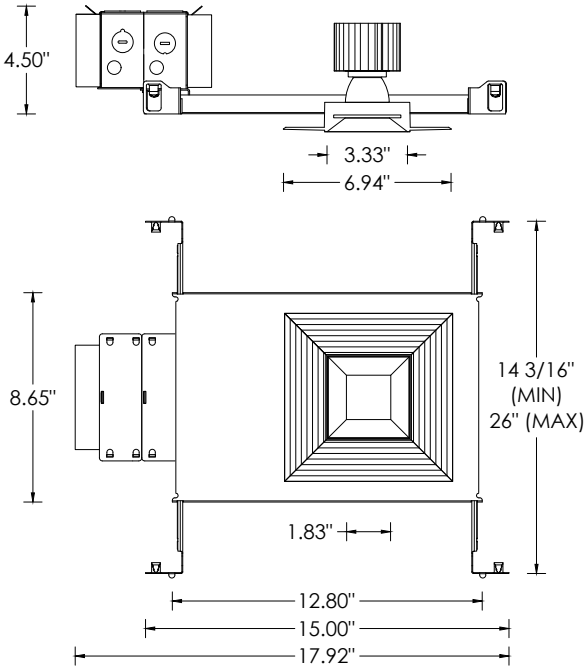
NC- NEW CONSTRUCTION HOUSING (NON-IC AND CP RATED)
IC - NEW CONSTRUCTION IC HOUSING (1000LM MAX)



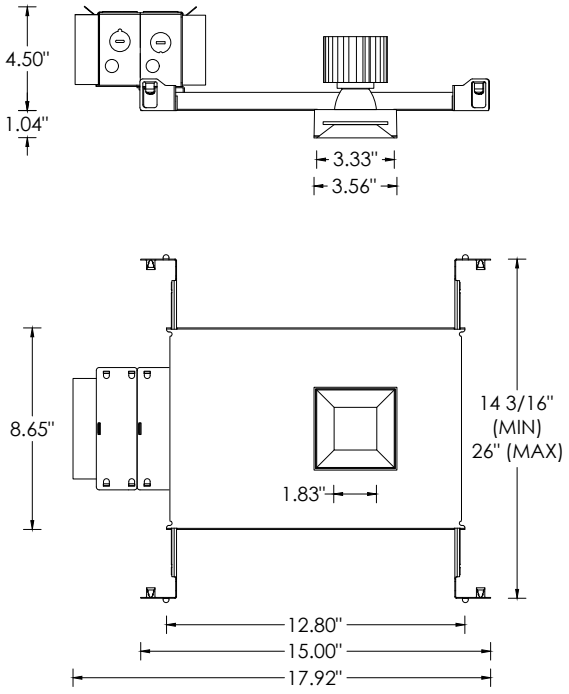
TRIM



XTR - TRIMLESS (MUD-IN DRYWALL)



MWF - FLANGELESS MILLWORK



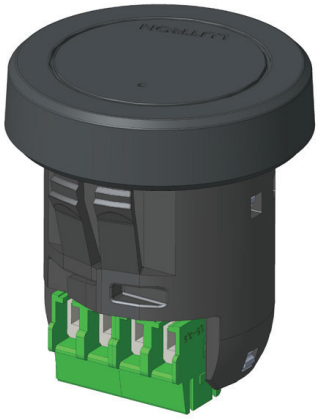
LUTRON ATHENA WIRELESS NODE

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

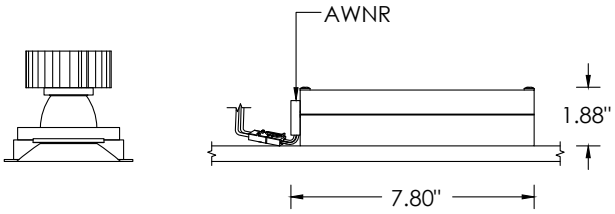


HOUSING AND DRIVER COMPATIBILITY

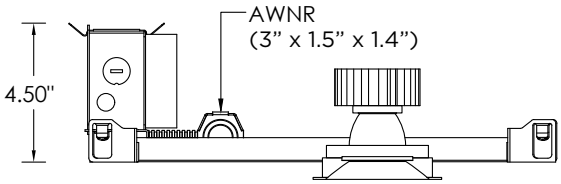
Housing types:
- NCF (New Construction, non-IC)
- RMD (Remodel, non-IC)

Driver / dimming types:
- DT8 – DALI TYPE 8 (100-0.1%)

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

Access for service is at the fixture's driver box accessible through the luminaire aperture
If the AWNR node is replaced, it must be re-added / re-commissioned within the Athena system by the controls contractor.