alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU2

2" Round Wall Wash Tuneable White

NSF · AT airtight · PR plenum rated · wet rated



WW BEAM (Note: Specifications are subject to change without notice)		
9mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
07LM	740LM @35K/95CRI	15W
Notes	Delivered lumens based on wall wash optic, (see page 2)	

FEATURES

- Asymmetric angled bezel with highly efficient BrightView elliptical lens produces excellent wall washing
- 3/8" bezel regress with 3/8" flange
- Custom finishes available
- Microban® antimicrobial finish available on all exposed painted surfaces

DIMMING AND CONTROLS

- eldoLED 0-10V, dim to 0.1%
- eldoLED DALI, dim to 0.1%
- DMX-512/RDM, dim to 0.1%
- Wireless control options, dim to 0.1% (Ref. page 8)

CONSTRUCTION

- High-grade die-cast and cold forged aluminum alloy assembly with superior thermal and corrosion resistant properties
- Shatter proof acrylic bezel lens
- 20-gauge cold-rolled steel construction
- Accommodates ceiling thickness from 1/8" to 5/8"
- **CUTOUT DIMENSION:**
  Trim - 2-3/4"
  Trimless - 2-3/4"
  Millwork - 2-5/8"

LED

- Luminus tunable white COB: 95 CRI, R9 > 70: SDCM = 3-step MacAdam Ellipse; Lumen Maintenance: L_{70} > 54,000 hrs

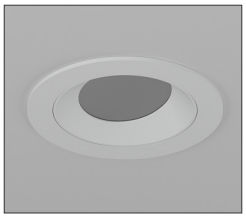
LISTING

- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- 5 Year Limited warranty

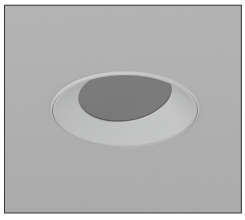
ELECTRICAL

- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Max. ambient installation temperature 95°F (35°C)

TRIM OPTIONS



Trimmed

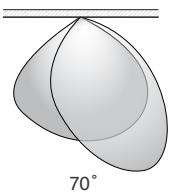


Trimless



Trimless Millwork

BEAM SPREADS



70˚

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

ORDERING CODE

SERIES	**NU2**	NU2
TYPE	**RWT**	round wall wash trimless
	RW	round wall wash
	RWTMW	round wall wash trimless millwork
LED	**TW**	tunable white (Luminus)
DELIVERED LUMENS	**07LM**	740 lm
	Standard Configuration: 3000K 90CRI **Calculated Delivered Lumens =** [Delivered Lumen Value] x [CCT Multiplier] x [Reflector Multiplier]	
CCT	**1840**	1800K to 4000K tunable white

CCT	1800K	2000K	2400K	2700K	3000K	3500K	4000K
CCT MULTIPLIER FOR LUMEN OUTPUT	0.74	0.76	0.83	0.88	0.96	1	1.09
EML RATIO	0.21	0.33	0.46	0.54	0.6	0.69	0.73

2765 2700K to 6500K tunable white

CCT	2700K	3000K	3500K	4000K	5000K	5700K	6500K
CCT MULTIPLIER FOR LUMEN OUTPUT	0.96	0.97	1	1.01	1.04	1.06	1.09
EML RATIO	0.52	0.62	0.76	0.83	0.96	1.02	1.07

CRI	**95**	95 CRI	
OPTIC & LM MULTIPLIER	**WW**	wall wash with diffused angle bending lens	
TRIM COLOR	**BK**	black	(0.98)
	WH	white	(1.00)
	MC	matte chrome	(0.99)
	BZ	bronze	(0.98)
	CC[1]	custom color, consult factory for details	
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.		
	Not applicable to trimless option. Do not include in trimless ordering code.		
BEZEL COLOR	**BK**	black	(0.98)
	WH	white	(1.00)
	MC	matte chrome	(0.99)
	BZ	bronze	(0.98)
	CC[1]	custom color, consult factory for details	
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.		

ORDERING CODE

MOUNTING OPTIONS	**NC**	new construction plate
	RET[2]	retrofit, no ceiling plate
VOLTAGE	**UNV**[3]	120V-277V
	LVL[4]	low voltage luminaire
DIMMING	**DIM10Z**[5]	eldoLED flicker free 0-10V dim 0.1%
	DALIZ-DT6	eldoLED flicker free DALI-2, DT6, dim to 0.1%
	DALIZ-DT8	eldoLED flicker free DALI-2, DT8, dim to 0.1%
	DMXZ-RJ45	DMX-512/RDM dim to 0% with RJ45 input
	DMX-WL	DMX-512/RDM dim to 0% with lead wire input
	DMX-XLR	DMX-512/RDM dim to 0% with XLR input
	ND	no driver included
	REMOTE DX COMPACT DRIVER (ref. page 7 for available options)	
	WIRELESS (ref. page 8 for available options)	

YOUR COMPLETED ORDERING CODE

Follow the steps to specify your fixture, example:

NU2 - RW - TW - 07LM - 2765 - 95 - WW - WH - WH - NC - UNV - DIM10Z

NOTES

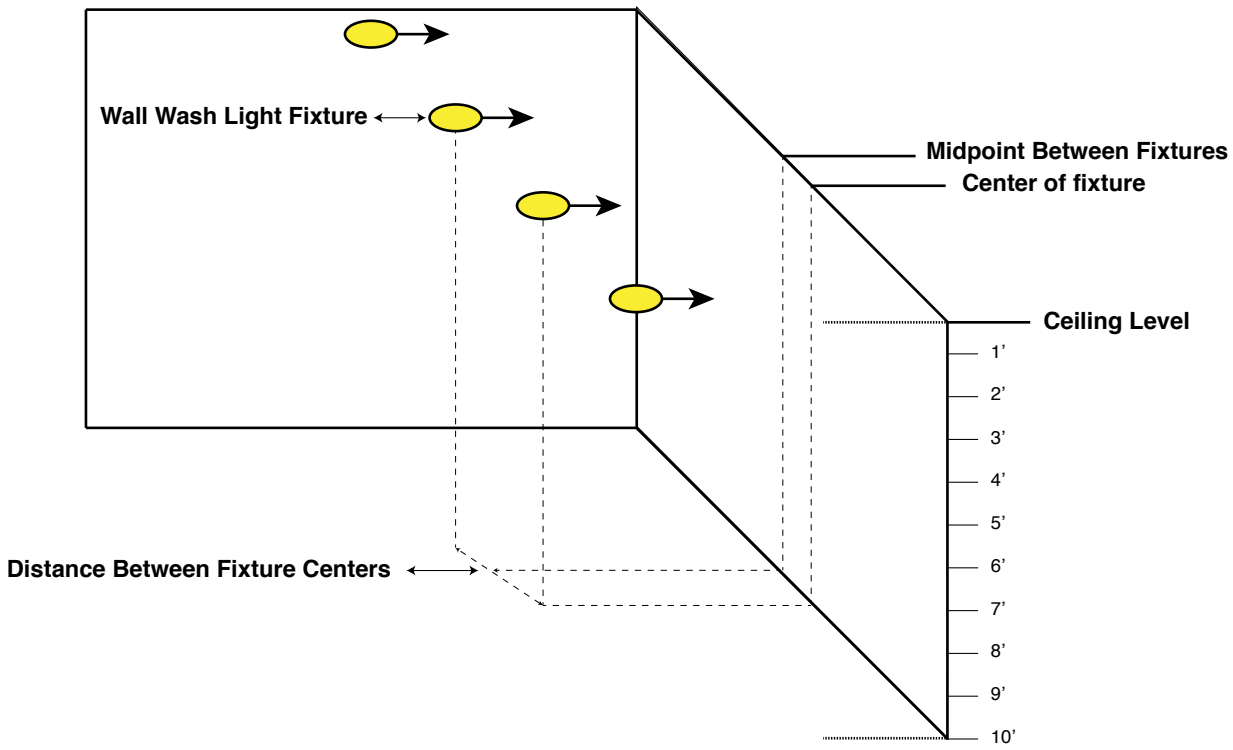
1. Custom set up fee plus minimum quantity required per color.
2. RET available in LVL option only.
3. Requires above ceiling access.
4. Must select DMX dimming with LVL.
5. Requires 2 wall controllers.

* EldoLED uses logarithmic dimming curve as standard. For linear dimming curve, add "LIN" after dimming code, i.e. DIM10LIN.

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA DIAGRAM



PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

STANDARD WHITE WALL WASH 07LM 95CRI 3500K																		
MOUNTING DISTANCE	2' FROM WALL						3' FROM WALL						4' FROM WALL					
FIXTURE SPACING	2' ON CENTER		3' ON CENTER		4' ON CENTER		2' ON CENTER		3' ON CENTER		4' ON CENTER		3' ON CENTER		4' ON CENTER		6' ON CENTER	
DISTANCE FROM CEILING	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT
1'	104.4	98.2	84.6	53.1	81.6	23.2	17.2	15.7	15	10.4	14.5	2.7	4.3	4.1	3.5	2.9	3.2	1.1
2'	194.2	190.9	142.7	119.8	129	67.9	73.2	69.7	60	50.3	54.3	19.3	33.9	32.9	26.1	24.6	21.2	13.3
3'	124.8	125.2	88.2	85	73.4	56.6	86.3	84.8	68.1	63.9	57.3	30.2	59.7	58.4	46	44.2	35.4	26
4'	67.9	68.8	48.6	48.6	38.5	35.3	66.8	66.6	51.9	51.4	40.5	28.4	62.7	62.2	48.5	47.7	35.7	29.9
5'	37.5	38.3	27.8	28.1	21.8	21.2	45.5	45.8	35.5	36	26.2	21.8	52	52	40.8	40.5	29.1	26.7
6'	21.9	22.4	16.9	17.1	13.3	13.3	30.2	30.6	23.9	24.4	17.1	15.7	39.2	39.5	31.2	31.3	22.1	21.2
7'	13.5	13.9	10.8	11	8.7	8.7	20.2	20.6	16.3	16.7	11.6	11.2	28.5	28.9	23.1	23.3	16.4	16.2
8'	8.8	9	7.2	7.4	5.9	6	13.8	14.2	11.4	11.6	8.2	8	20.6	20.9	17	17.2	12.1	12.2
9'	6	6.1	5	5.1	4.2	4.3	9.7	10	8.2	8.4	5.9	5.9	14.9	15.2	12.5	12.8	9.1	9.2
10'	4.2	4.3	3.6	3.7	3.1	3.2	7	7.2	6	6.1	4.4	4.4	11	11.2	9.4	9.6	7	7

NOTE

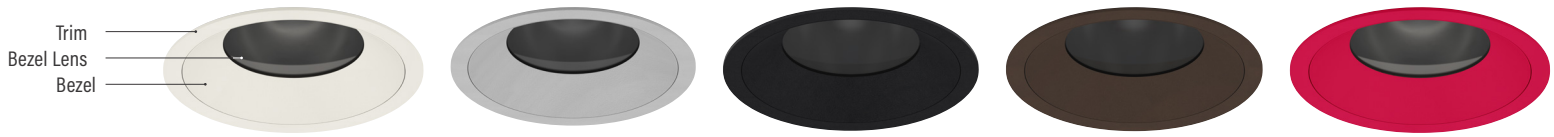
1. Performance based on typical reflectance values and room dimensions. IES files available at ledrabrands.com

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

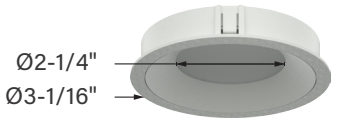
TRIM OPTIONS

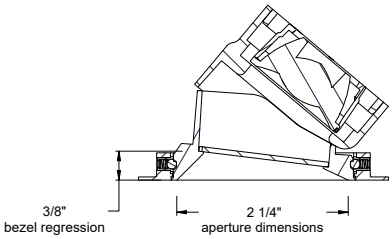
TRIM/BEZEL COLORS

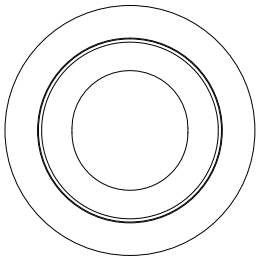


WH MC BK BZ CC

TRIMMED



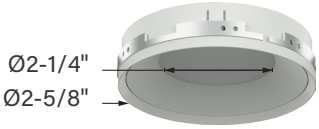


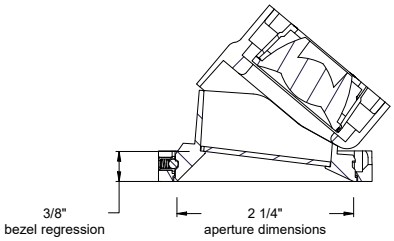


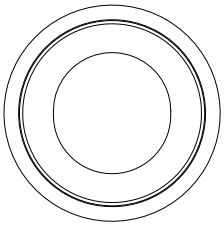
ceiling cutout
2-3/4" diameter

ceiling thickness
1/8" to 5/8"

MILLWORK



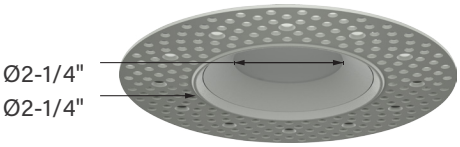


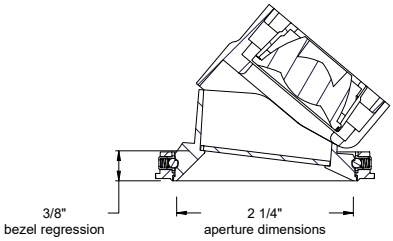


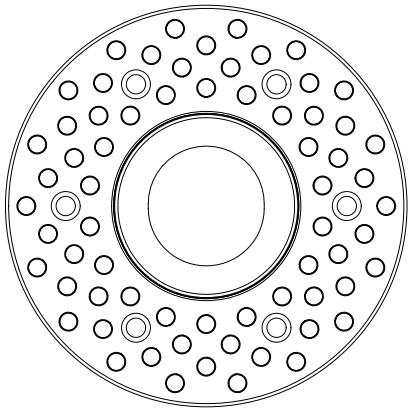
ceiling cutout
2-5/8" diameter

ceiling thickness
1/2"

TRIMLESS







ceiling cutout
2-3/4" diameter

ceiling thickness
3/8" to 5/8"

alphabet

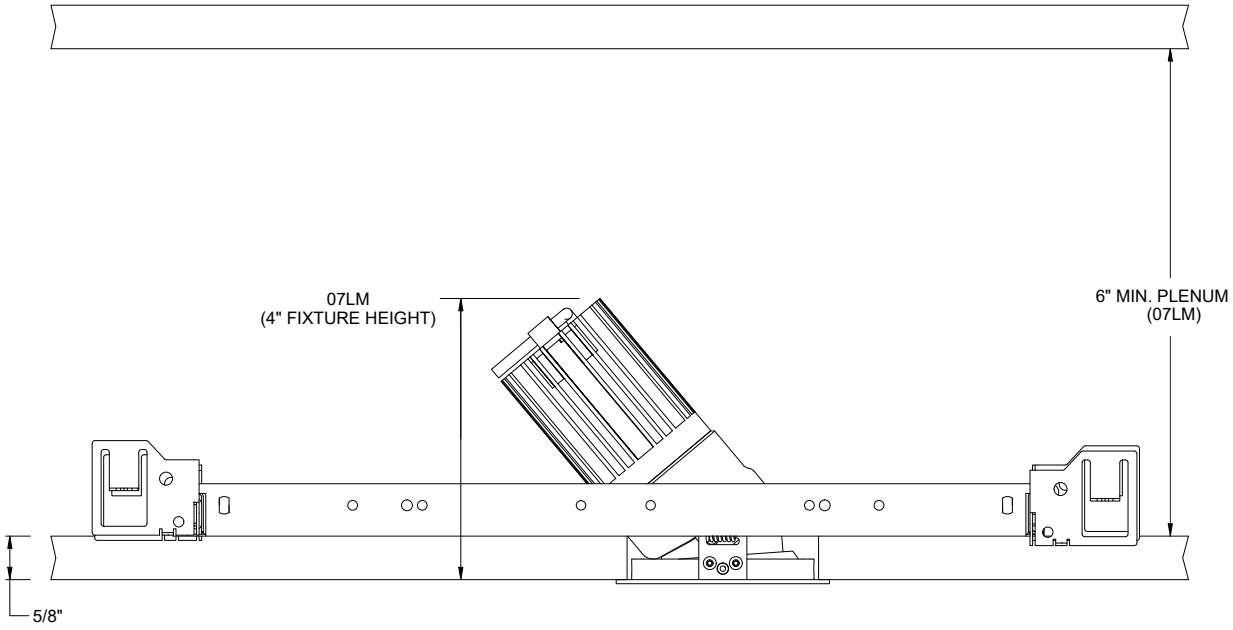
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

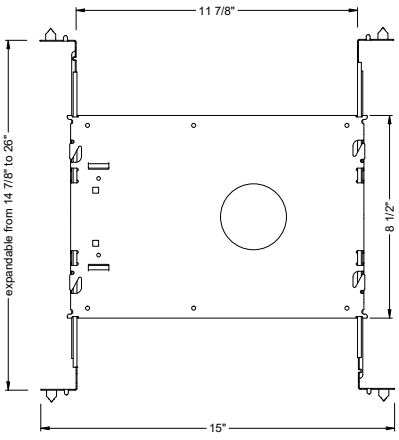
RATINGS / CERTIFICATIONS	NC	RET
TYPE NON-IC	✔	✔
TYPE IC		
CHICAGO PLENUM (CCEA)		
SUITABLE FOR AIR HANDLING PLENUMS	✔	✔
REDUCED AIRFLOW (WITH LENS) ASTM E283		

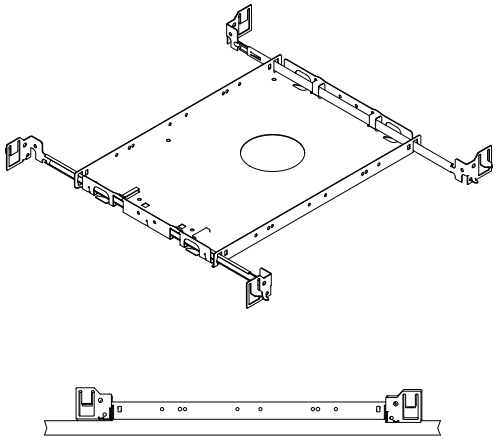
MOUNTING TYPE	STANDARD CEILING THICKNESS	STANDARD CEILING CUTOUT
TRIM	1/8" to 5/8"	2-3/4"
TRIMLESS	3/8" to 5/8"	2-3/4"
MILLWORK (TRIMLESS)	1/2"	2-5/8"

PLENUM HEIGHT



NEW CONSTRUCTION - NC



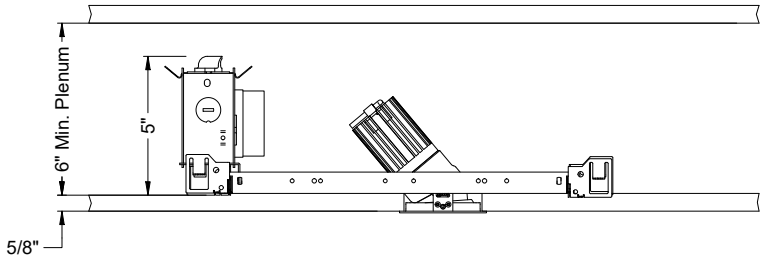


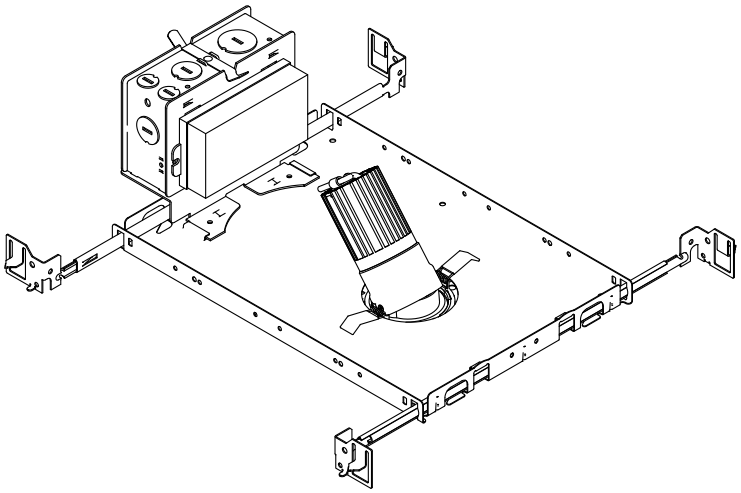
ADDITIONAL MOUNTING INFO	
New Construction Bar Hangers (included)	Mounting Length: 14-3/4" to 26"
Extension Kit p/n: K20266 (ordered separately, 1 per fixture)	*Extends a pair of Bar Hangers* Total Mounting Length: 29" to 48"

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

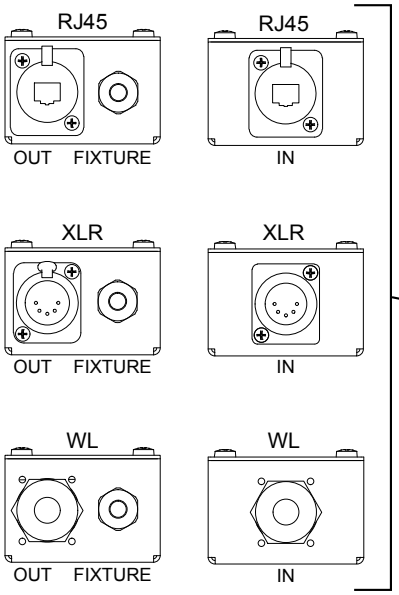
MOUNTING OPTIONS

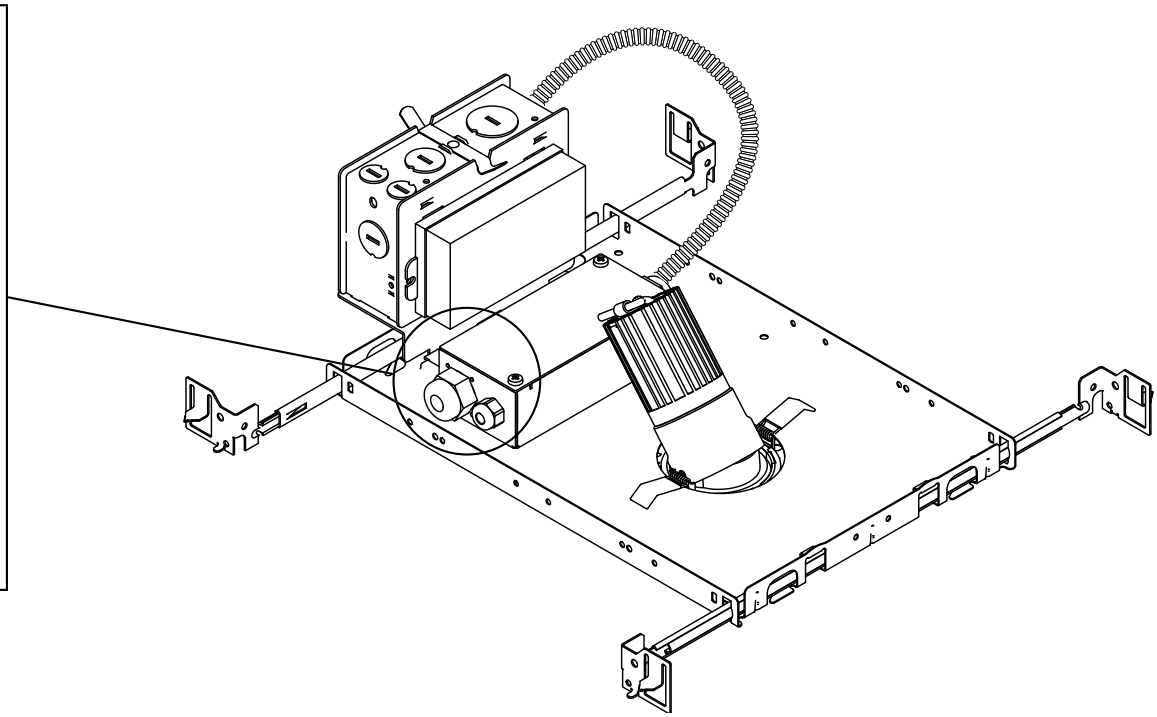
07LM (DIM10Z / DALIZ-DT6 / DALIZ-DT8) - FIXED
(ABOVE CEILING ACCESS REQUIRED)





07LM (DMX-WL / DMX-XLR / DMXZ-RJ45) - FIXED
(ABOVE CEILING ACCESS REQUIRED)



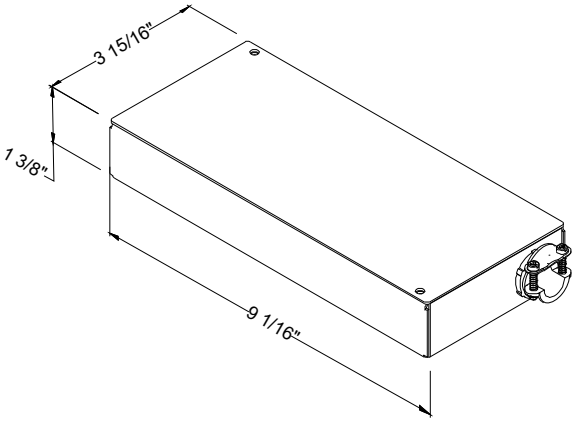


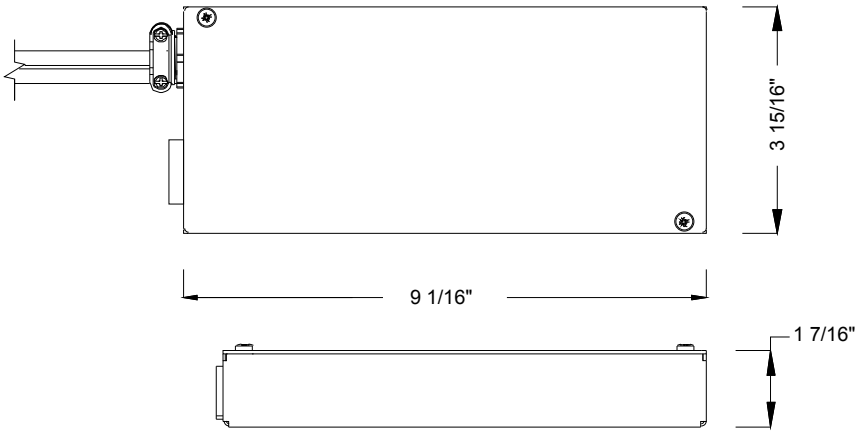
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

REMOTE COMPACT DRIVER

REMOTE COMPACT DRIVER (DIMMING)

DX ORDERING OPTIONS	
DIM10Z-DX	remote compact eldoLED flicker free 0-10V dim 0.1% driver
DALIZ-DT6-DX	remote compact eldoLED flicker free DALI-2, DT6, dim to 0.1% driver
DALIZ-DT8-DX	remote compact eldoLED flicker free DALI-2, DT8, dim to 0.1% driver
DMX-RJ45-DX	remote compact DMX-512/RDM dim to 0% with RJ45 input driver





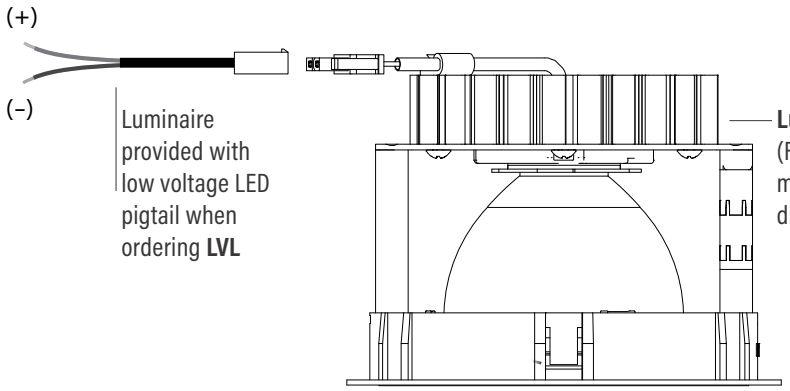
*Remote DX can power LEDs up to 330FT (18 AWG).
Customer will recieve a single remote compact driver per fixture.

LOW VOLTAGE OPTIONS

WW BEAM (Note: Specifications are subject to change without notice)			
9mm COB PERFORMANCE DATA			
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	DRIVE CURRENT	LED WATTAGE
07LM	740LM @35K/95CRI	350mA	13W
Notes	Delivered lumens based on wall wash optic, (see page 2)		

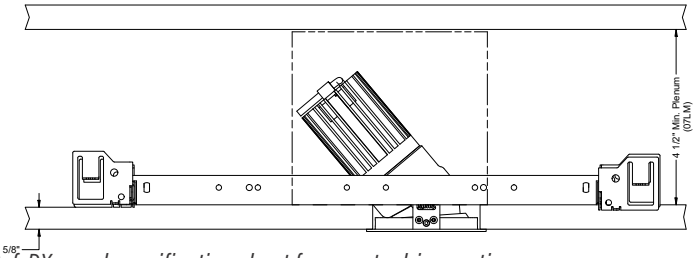
NOMINAL LED VOLTAGE: 36VDC

Customer to order CC Remote Driver separately or POE Node by others.

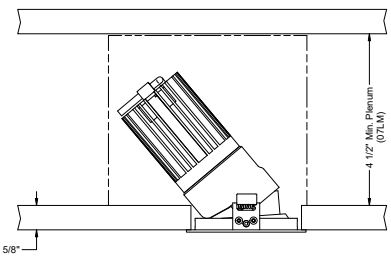


PLENUM HEIGHT

(NC-LVL) NEW CONSTRUCTION REMOTE DX PANEL



(RET-LVL) REMOTE DX PANEL RETRO



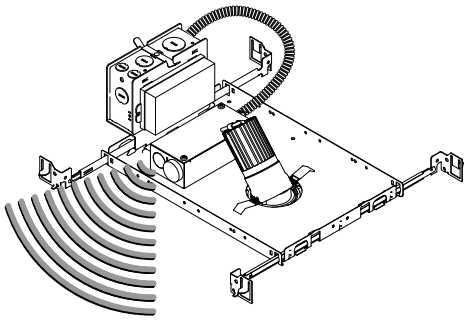
Ref. DX panel specification sheet for remote driver options.

alphabet

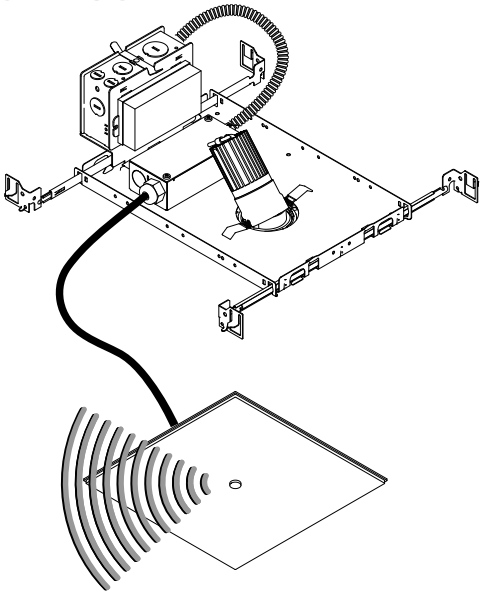
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

WIRELESS OPTIONS

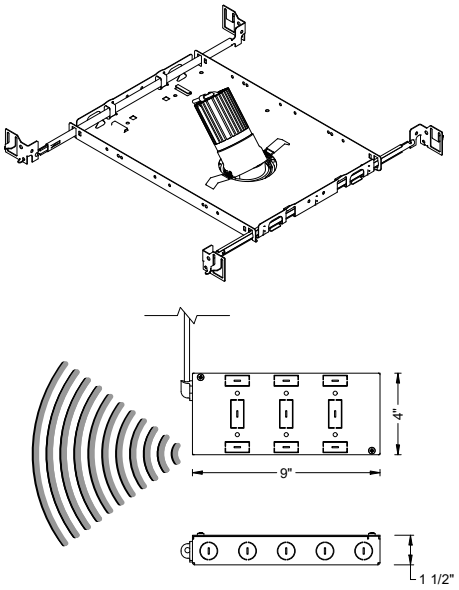
NC - NEW CONSTRUCTION - FIXED
PLENUM SIDE



NC - NEW CONSTRUCTION - FIXED
R CEILING SIDE



NC - NEW CONSTRUCTION
DX REMOTE



Customer must verify system design and installation with their controls provider (e.g., Lutron).
Wireless signal strength, reliability, performance, and commissioning are the responsibility of the customer. Remote DX can power LEDs up to 330FT (18 AWG), but adequate wireless signal is customers responsibility.

YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
NU2 - RW - TW - 10LM - 2765 - 95 - WW - WH - WH - NC - UNV - AWND
NU2 - RW - TW - 10LM - 2765 - 95 - WW - WH - WH - RET - LVL - AWND - DX

LUTRON Athena

ORDERING CODE

AWND . . . . . .athena wireless node (DALI2 Driver) - integrated / above ceiling
AWND-DX . .athena wireless node (DALI2 Driver) - remote DX Compact Driver
AWND-R . . .athena wireless OCC Sensor / 4FT lead (DALI2 Driver) - ceiling installation



MODEL NUMBER

athena node model #: A-WN-D01-RF
athena OCC model #: A-WN-D01-OCC-WH

POWER SUPPLY

(DALI2 Driver): Moons D4i DALI2 LED driver with DALI Bus Power, Dim-to-off

legrand WATTSTOPPER® PLUS

ORDERING CODE

CLMD-DX. . . connected lighting module (DALI2 Driver) - remote DX Compact Driver
CLMD . . . . . connected lighting module (DALI2 Driver) - integrated / above ceiling
SENSI-R . . . SensiLUM sensor / 4FT lead (DALI2 Driver) - ceiling installation



MODEL NUMBER

CLM model #: ZBHA-CLM-DIM
SensiLUM sensor model #: EN-CLM-PIR-DD-ZB

POWER SUPPLY

(DALI2 Driver): Moons D4i DALI2 LED driver with DALI Bus Power, Dim-to-off