alphabet

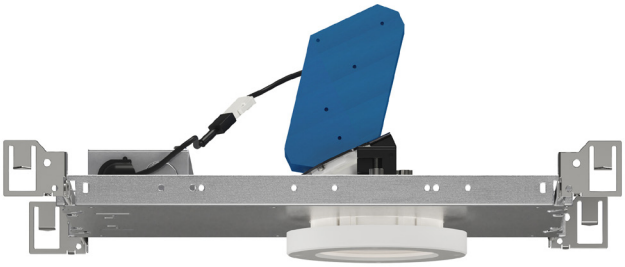
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU3

3" Round Wall Wash Tamper Resistant Tunable White

NSF AT airtight DF dead-front PR plenum rated wet rated

WW BEAM (Note: Specifications are subject to change without notice)		
14mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	1010LM @35K/95CRI	18W
Notes	Delivered lumens based on wall wash optic, (see page 2)	



FEATURES

- Designed to meet NYS-OMH rigorous requirements
- Tamper resistant, anti-ligature
- IK10 impact rated, vandal resistant
- UGR <18
- Microban antimicrobial finish available on all exposed painted surfaces

DIMMING AND CONTROLS

- eldoLED flicker free 0-10V dimming to 0% and 1%
- eldoLED flicker free DALI dimming to 0% and 1%
- DMX-512/RDM dim to 0%
- Wireless control options, dim to 1% (see page 11)

CONSTRUCTION

- Spun Aluminum 6061 lensing frame
- 18-8 stainless steel tamper resistant screws
- Polycarbonate (3mm) shatter resistant lensing
- Electrocoated 16-gauge cold rolled steel construction
- Accommodates ceiling thickness from 1/8" to 1-5/8"
- **CUTOUT DIMENSION:**
  Tamper - 3-3/8"

LED

- Luminus tunable white COB: 95 CRI, R9 > 70: SDCM = 4-step MacAdam Ellipse; Lumen Maintenance: L_{70} > 54,000 hrs

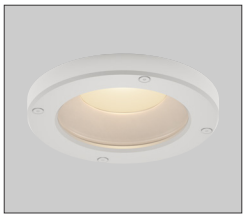
LISTING

- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- NYSOMH - New York State Office of Mental Health compliant
- **Declare.** - LBC Red List Approved
- 5 Year Limited warranty

ELECTRICAL

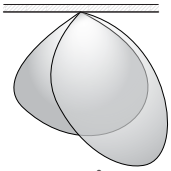
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Max. ambient installation temperature 95°F (35°C)

TRIM OPTIONS



Trimmed

BEAM SPREADS



100°

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

ORDERING CODE		
SERIES	NU3	NU3
TYPE	RWTR	round wall wash tamper resistant
LED	TW	tunable white (Luminus)
DELIVERED LUMENS	10LM	1010 lm
	Standard Configuration: 3500K 95CRI **WW**	
	Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier] x [Reflector Multiplier]	
CCT	1840	1800K to 4000K tunable white
	2765	2700K to 6500K tunable white
CRI	95	95 typical, 90 minimum
OPTIC & LM MULTIPLIER	WW	wall wash
TRIM COLOR	BK	black
	WH	white
	MC	matte chrome
	CC[1]	custom color, consult factory for details
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.	
	Includes shatter proof lens and tamper resistant screws.	
BEZEL COLOR	BK	black (0.98)
	WH	white (1.00)
	MC	matte chrome (0.99)
	CC[1]	custom color, consult factory for details
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.	

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

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

ORDERING CODE		
MOUNTING OPTIONS	NC	new construction plate
	NC-F	new construction plate, fixed driver
	ICAT	insulation contact/airtight housing
	IC	insulation contact housing
	CP	chicago plenum housing
	RET	retrofit, no ceiling plate
VOLTAGE	UNV	120V-277V
	LVL[2,3]	low voltage luminaire
DIMMING	DIM10Z[4]	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%
	DMX-RJ45	DMX control dimming to 0.1% with RJ45 connection
	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
	NLT	nLight control interface: Cat-5/RJ45, dim to off
	REMOTE DX COMPACT DRIVER (ref. page 10 for available options)	
	WIRELESS (ref. page 11 for available options)	

YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
NU3 - RWTR - TW - 10LM - 2765 - 95 - WW - WH - WH - NC - UNV - DIM10

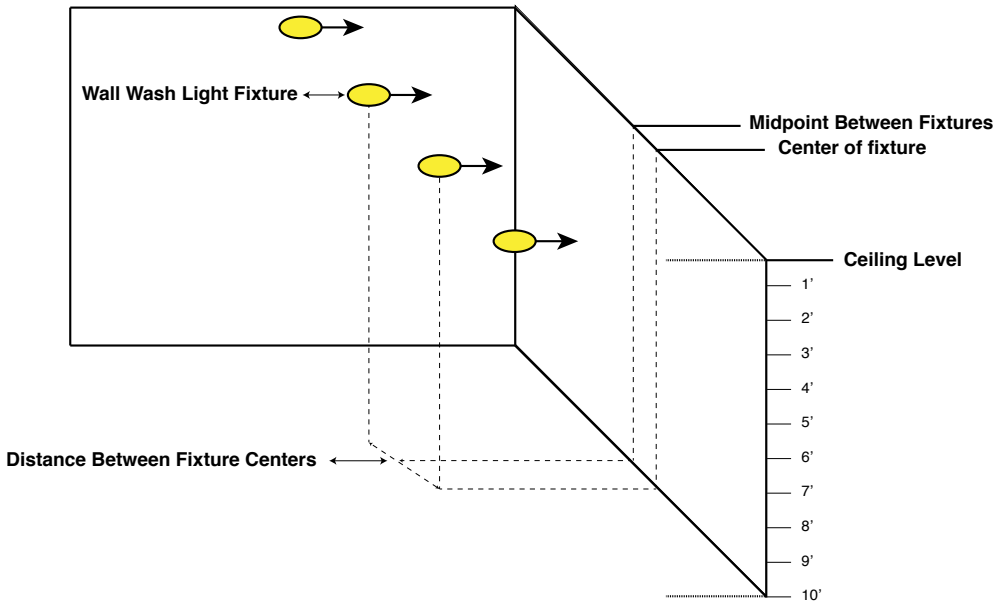
NOTES

1. Custom set up fee plus minimum quantity required per color.
2. Available with NC or RET mounting options only.
3. Must select DX dimming with LVL.
4. Requires 2 wall controllers (see wiring diagram).

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA DIAGRAM



PHOTOMETRIC DATA CHARTS

TUNABLE WHITE WALL WASH 10LM 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'	10.9	10.3	8.4	6.3	7.6	3.7	2.8	2.5	2.3	1.7	2.1	0.8	1.3	1.2	1	0.9	0.8	0.5
2'	38	38.2	26.2	26.2	21.8	17.4	8.4	8.1	6.8	5.9	5.7	3	3.4	3.3	2.7	2.6	2.1	1.6
3'	43.1	43.4	31.1	30.1	23.9	22.6	16.9	17	12.9	13.1	9.7	7.7	7.8	7.6	6.2	6	4.5	3.8
4'	35.1	35.8	26.4	26	20.6	19.6	19.6	19.4	15.3	14.9	10.7	10.1	12	12	9.5	9.6	6.5	6.6
5'	25.9	26.5	20.1	20.4	16	15.7	18.2	18.5	14.7	14.4	10.3	9.7	13.3	13.5	11	10.8	7.6	7.5
6'	18.6	19	14.9	15.2	12	12.1	15.6	15.9	12.8	12.8	9.2	8.7	12.9	13.1	10.8	10.9	7.8	7.5
7'	13.4	13.7	11.1	11.3	9.1	9.3	12.8	13.1	10.7	10.9	7.8	7.5	11.7	11.9	9.9	10.1	7.3	7.1
8'	9.8	10	8.3	8.5	6.9	7.1	10.3	10.6	8.8	8.9	6.5	6.4	10.2	10.3	8.8	8.9	6.6	6.5
9'	7.3	7.4	6.3	6.4	5.4	5.5	8.3	8.5	7.1	7.3	5.3	5.4	8.7	8.8	7.6	7.7	5.8	5.8
10'	5.5	5.6	4.9	5	4.2	4.3	6.6	6.8	5.8	5.9	4.4	4.5	7.3	7.5	6.5	6.6	5	5.1

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

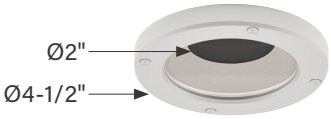
TRIM OPTIONS

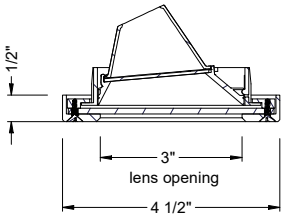
TRIM/BEZEL COLORS



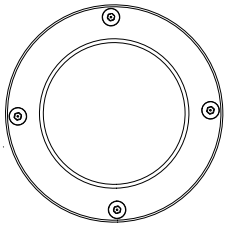
WH MC BK CC

TRIMMED





aperture dimensions



ceiling cutout
3-3/8" diameter

ceiling thickness
1/8" to 5/8

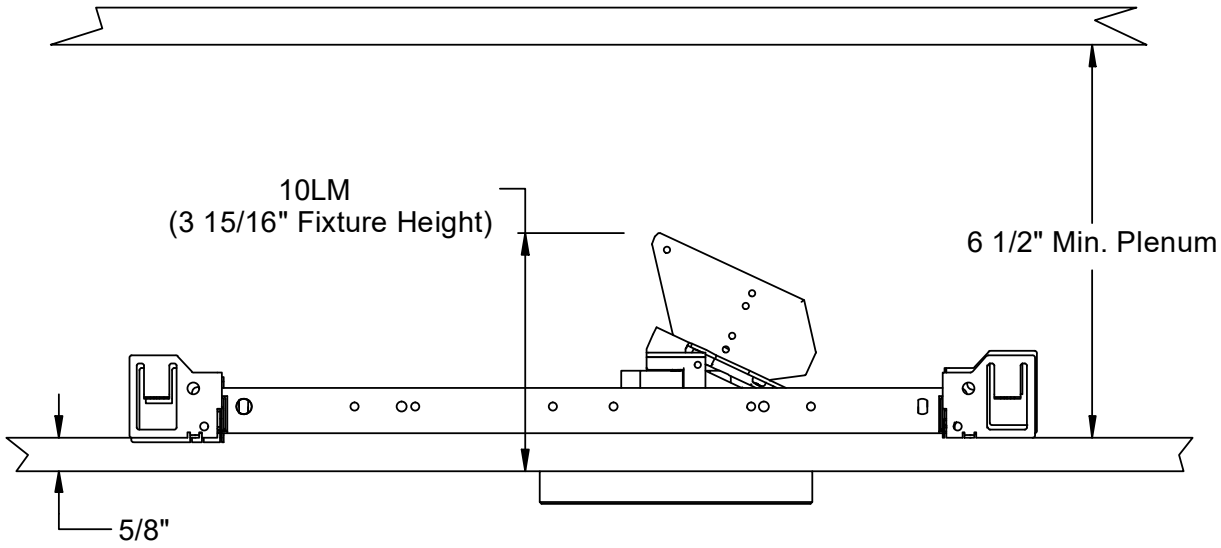
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

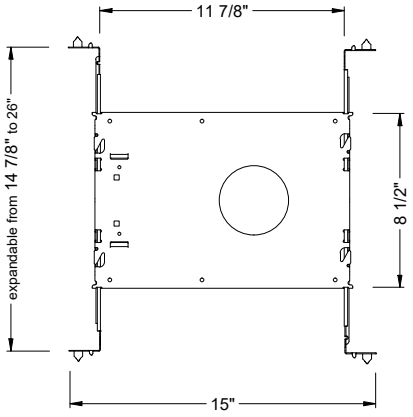
RATINGS / CERTIFICATIONS	NC	RET	IC	ICAT	CP
TYPE NON-IC	✔	✔			
TYPE IC			✔	✔	
CHICAGO PLENUM (CCEA)					✔
SUITABLE FOR AIR HANDLING PLENUMS	✔	✔	✔	✔	✔
REDUCED AIRFLOW (WITH LENS) ASTM E283	✔	✔	✔	✔	✔

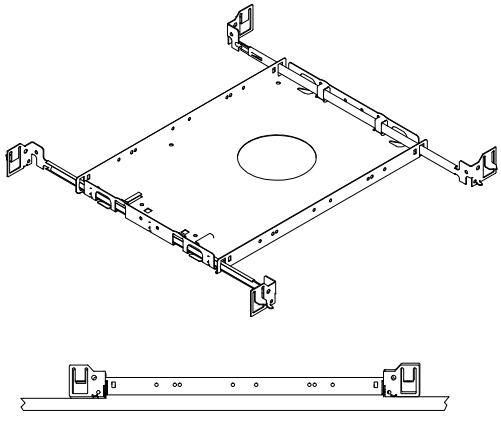
MOUNTING TYPE	STANDARD CEILING THICKNESS	STANDARD CEILING CUTOUT
TRIM	1/8" to 5/8"	3-3/8"

PLENUM HEIGHT



NEW CONSTRUCTION - NC



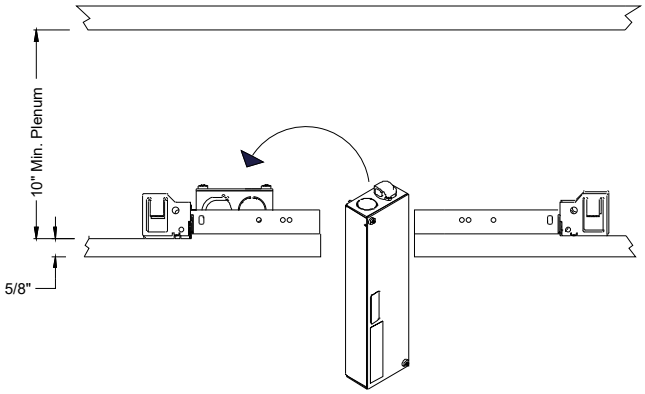


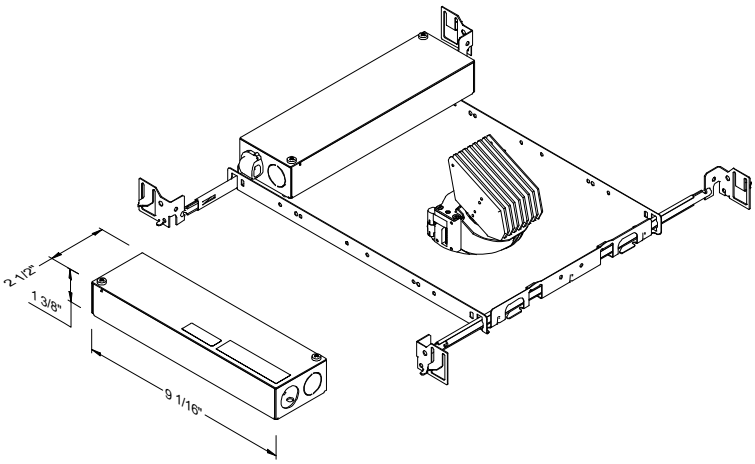
ADDITIONAL MOUNTING INFO	
New Construction Bar Hangers (included)	Mounting Length: 14-3/4" to 26"
Extension Kit p/n: K20266 (ordered separately, 1 per fixture)	*Extends a pair of Bar Hangers* Total Mounting Length: 29" to 48"

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

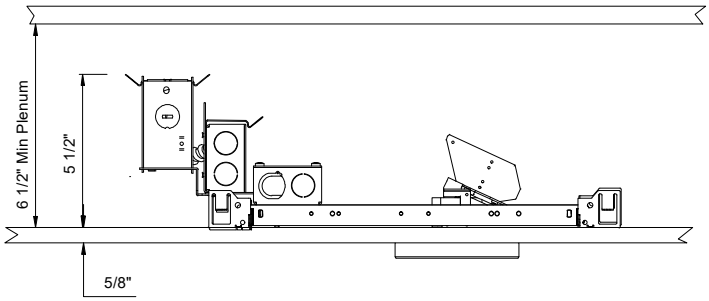
MOUNTING OPTIONS

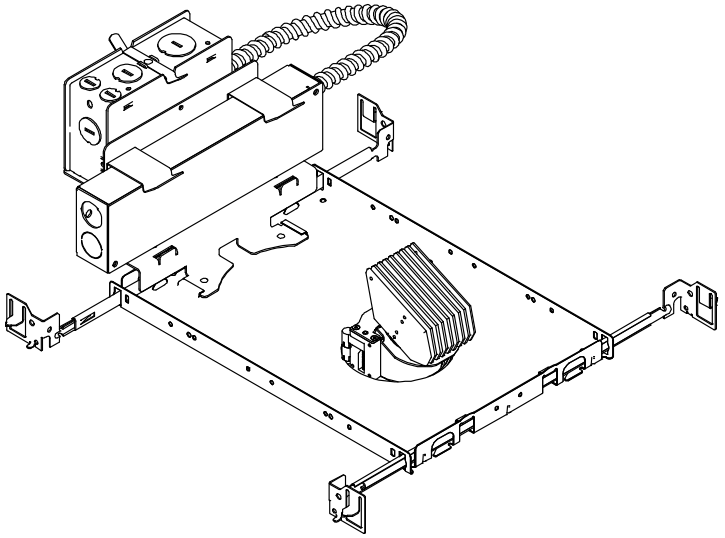
10LM (DIM10Z / DALIZ-DT6 / DALIZ-DT8)
(BELOW CEILING ACCESSIBLE)





10LM (DIM10Z / DALIZ - DT6 / DALI - DT8) - FIXED
(ABOVE CEILING ACCESS REQUIRED)



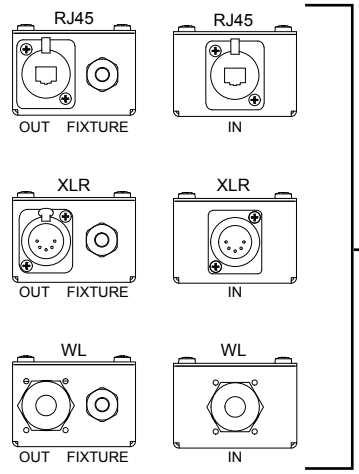


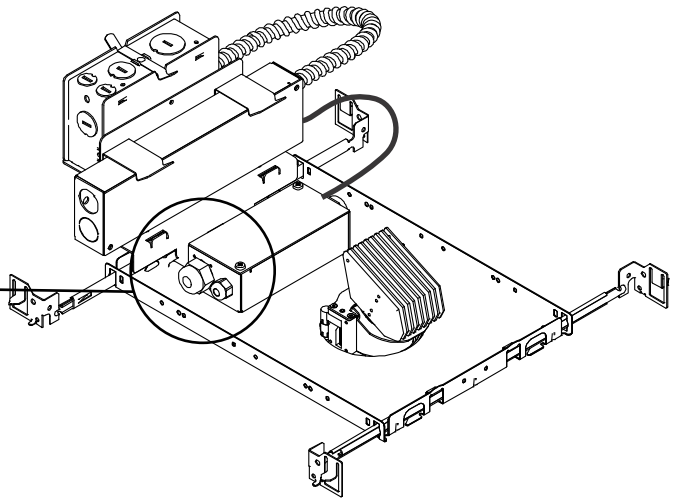
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

10LM (DMX-WL / DMX-XLR / DMX -RJ45)

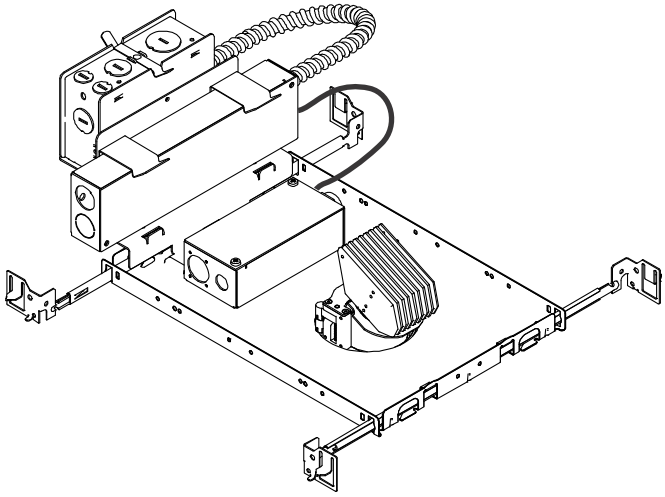
(ABOVE CEILING ACCESS REQUIRED)





10LM (NLT)

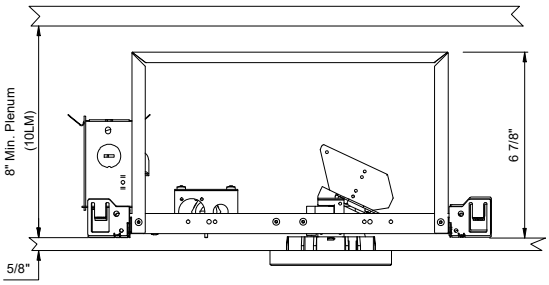
(ABOVE CEILING ACCESS REQUIRED)

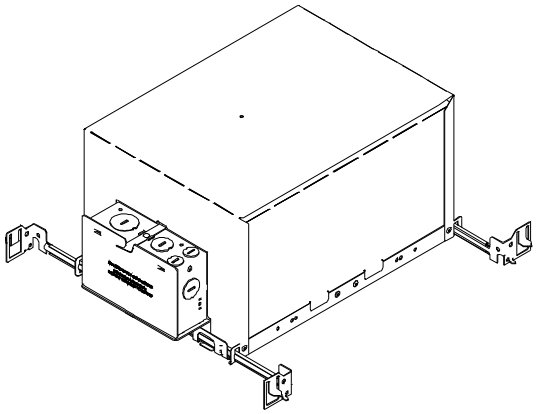


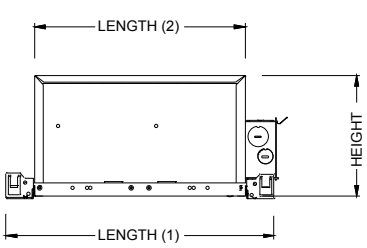
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

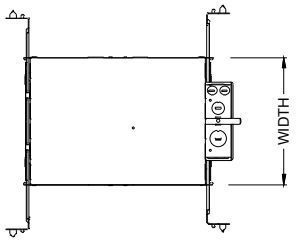
MOUNTING OPTIONS

IC - INSULATION CONTACT | ICAT - INSULATION CONTACT / AIR TIGHT | CP - CHICAGO PLENUM
(DIM10Z / DALIZ-DT6 / DALIZ-DT8)







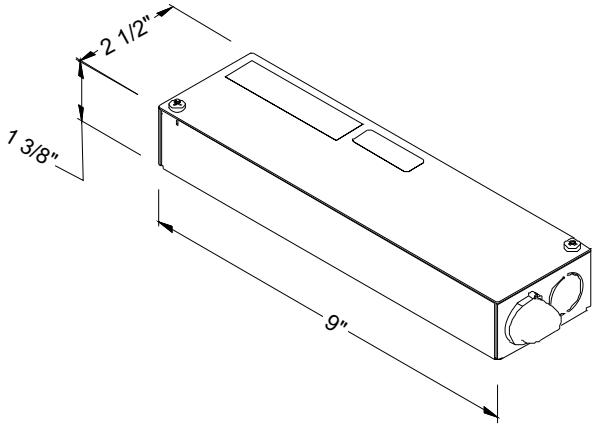


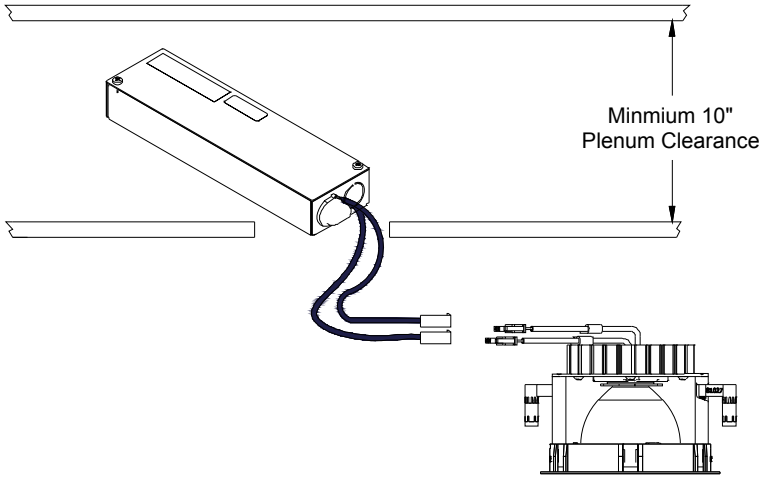
BOX SIZE	L 1	L 2	W	H
A	15 - 7/16"	11 - 3/4"	8 - 1/2"	6 - 3/4"

BOX TYPE / LUMEN OUTPUT - WW BEAM			
LUMEN OUTPUT	BOX-A		
	CP	IC	ICAT
10LM	✔	✔	✔

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

RETRO OPTIONS



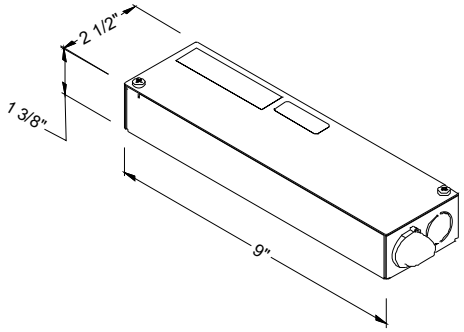


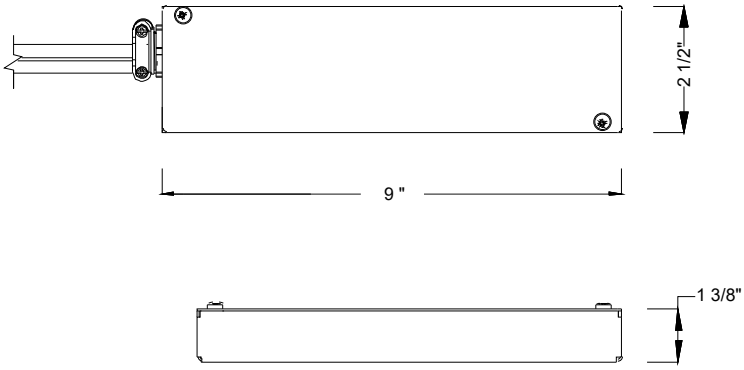
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

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

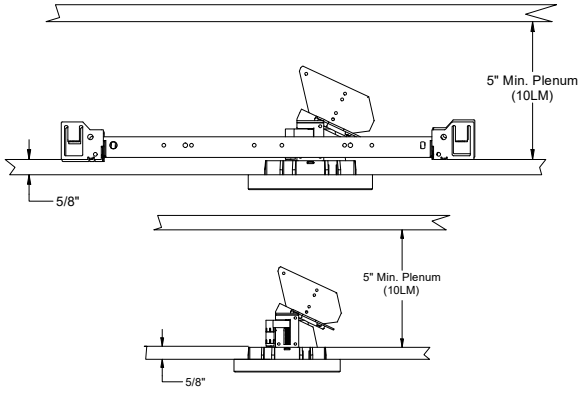




*Remote DX can power LEDs up to 330FT (18 AWG).
Customer will recieve a single remote compact driver per fixture.

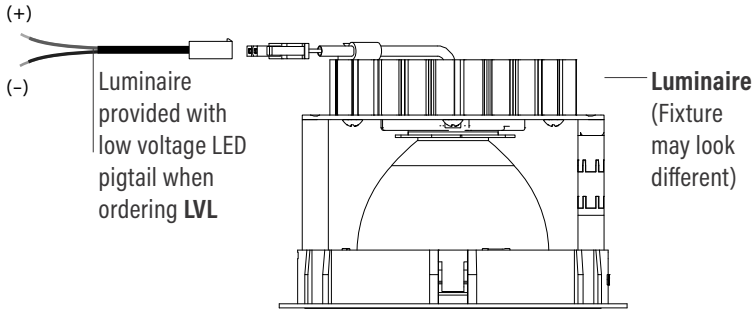
PLENUM HEIGHT

(NC-LVL-DX) NEW CONSTRUCTION REMOTE DX DRIVER



NOMINAL LED VOLTAGE: 36VDC

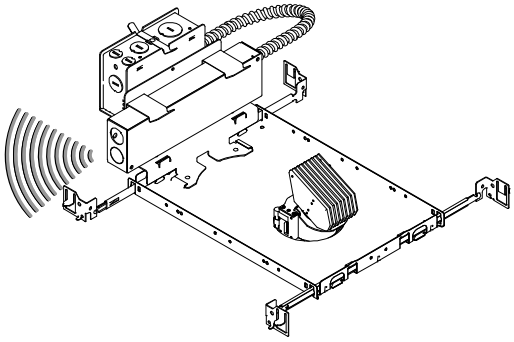
Customer to order CC Remote Driver separately or POE Node by others.



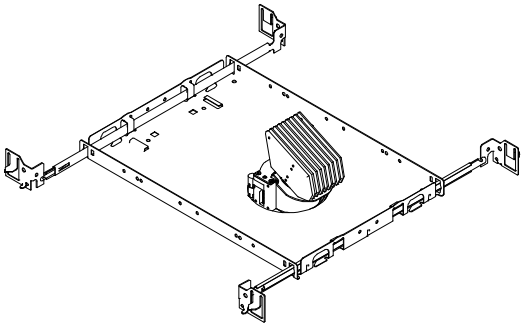
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

WIRELESS OPTIONS

NC - NEW CONSTRUCTION (10LM)
PLENUM SIDE



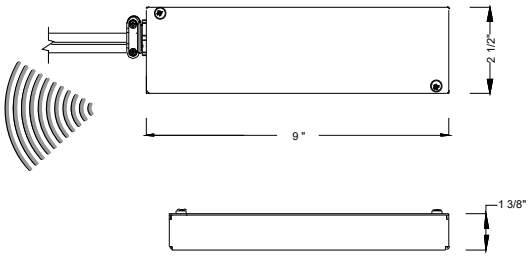
NC - NEW CONSTRUCTION (10LM)
DX REMOTE



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:
NU3 - RWTR - TW - 10LM - 2765 - WW - WH - WH - NC - UNV - DIM10Z - AWND
NU3 - RWTR - TW - 10LM - 2765 - WW - WH - WH - NC - LVL - DIM10Z - AWND - DX

RET - RETRO 10LM
PLENUM SIDE



LUTRON Athena

ORDERING CODE

AWND.....athena wireless node (DALI2 Driver) - integrated / above ceiling

AWND-DX..athena wireless node (DALI2 Driver) - remote DX Compact Driver



MODEL NUMBER

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

POWER SUPPLY

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

legrand WATTSTOPPER® PLUS

ORDERING CODE

CLMD .....connected lighting module (DALI2 Driver) - integrated / above ceiling

CLMD-DX...connected lighting module (DALI2 Driver) - remote DX Compact Driver



MODEL NUMBER

CLM model #: ZBHA-CLM-DIM

POWER SUPPLY

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