alphabet

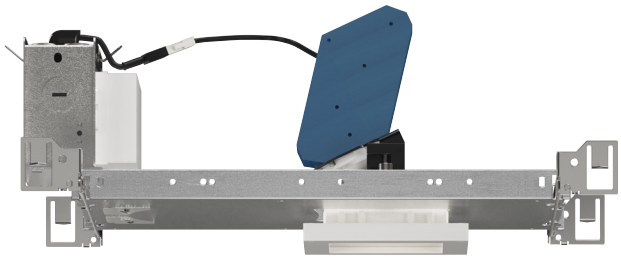
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU3

3" Square Wall Wash Tamper Resistant Standard White

NSF · AT airtight · DF dead-front · IK10 · wet rated · BABA•BAA

WW BEAM (Note: Specifications are subject to change without notice)		
14mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	1050LM @30K/90CRI	14W
15LM	1460LM @30K/90CRI	20W
20LM	2110LM @30K/90CRI	31W
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 0-10V, 0.1% and 1%
- BAA – BABA compliant, flicker free 0-10V dim to 1%
- eldoLED DALI, dim to 0.1% and 1%
- Lutron Hi-Lume Ecosystem, dim to 0.1%
- Leading & trailing edge (Triac/ELV), dim to 1%
- Wireless control options, dim to 1% (Ref. page 9)

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 1-1/4"
- **CUTOUT DIMENSIONS:**
  Tamper - 3-1/4" x 3-1/4"

LED
- 90 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 66,000 hrs

LISTING
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- 5 Year Limited warranty

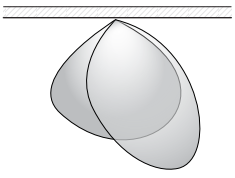
ELECTRICAL
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Max. ambient installation temperature 95°F (35°C)

TRIM OPTION



Tamper Resistant

BEAM SPREADS



85.5˚

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

ORDERING CODE		
SERIES	**NU3**	NU3
TYPE	**QWTR**	square wall wash tamper resistant
LED	**SW**	standard white
DELIVERED LUMENS	**10LM**	1050 lm
	15LM	1460 lm
	20LM	2110 lm
	Standard Configuration: 3000K 90CRI **WW**	
	Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier]	
CCT	**27K**	2700K
	30K	3000K
	35K	3500K
	40K	4000K
CRI	**90**	90 CRI
OPTIC & LM MULTIPLIER	**WW**	wall wash with diffused angle bending lens
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.	
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	2700K	3000K	3500K	4000K
CRI	90+	90+	90+	90+
CCT MULTIPLIER FOR LUMEN OUTPUT	0.96	1	1.01	1.02

ORDERING CODE		
MOUNTING OPTIONS	**NC**	new construction plate
VOLTAGE	**120**	120V
	UNV	120V-277V
	LVL[3]	low voltage luminaire
DIMMING	**DIM10**	eldoLED flicker free 0-10V dim to 1%
	BDIM10	BAA – BABA compliant, flicker free 0-10V dim to 1%
	DIM10Z	eldoLED flicker free 0-10V dim 0.1%
	DALI	eldoLED flicker free DALI-2 dim to 1%
	DALIZ	eldoLED flicker free DALI-2 dim to 0.1%
	LUTP[4]	Lutron Hi-Lume Eco (fade) dim to 0.1%
	ELV1[5]	leading edge & trailing edge (Triac/ELV) dim to 1%
	ND	no driver included
	WIRELESS (ref. page 9 for available options)	

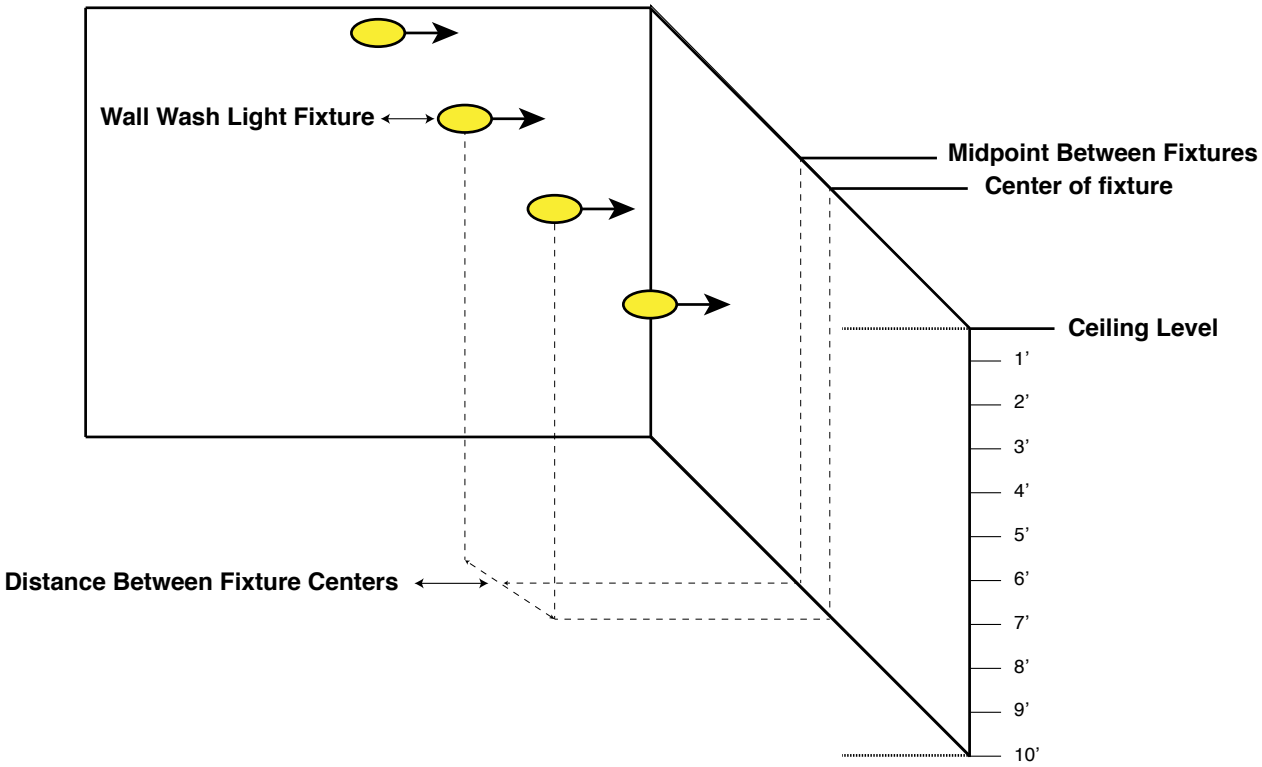
YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
NU3 - QWTR - SW - 20LM - 30K- 90 - WW - WH - WH -NC - UNV - DIM10

NOTES

1. Custom set up fee plus minimum quantity required per color.
2. Must select ND dimming code. For remote driver or POE (by other) Ref page 8.
3. LUTP not available in 20LM.
4. ELV1 available in 120V.

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA DIAGRAM



PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

STANDARD WHITE WALL WASH 20LM 90CRI 3000K																		
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'	20.2	22.2	14.3	14.6	12.3	8.6	4.6	5	3.8	3.4	3.1	1.7	3.2	3.3	2.5	2.6	2	1.4
2'	101.6	107.4	64.4	76.2	51.7	53	18.2	20.4	11.9	16.5	8.8	9.9	6.7	6.8	5	5.5	3.6	3.7
3'	100.7	104.8	70.3	72.7	53.5	54.7	45.1	47.7	32.4	38	23	23.6	18.5	19.5	14.3	15.9	8.1	11.8
4'	71.3	74.8	53	54.3	40.6	41.2	48.5	50.1	37	38.7	25.3	25.9	32.3	34	25.4	26.9	16.1	19.1
5'	48.4	50.3	37.4	38.8	29.5	30.1	40.4	42.3	32.1	33.1	21.9	22.3	34.3	36.1	27.9	28.8	18.7	20
6'	33	34.1	26.5	27.6	21.4	22.1	31.7	33.3	25.8	26.8	18	18.3	30.4	32	25.2	26.2	17.6	18.2
7'	23	23.7	19.2	19.9	15.8	16.5	24.5	25.5	20.4	21.3	14.6	14.9	25.5	26.6	21.4	22.5	15.5	15.9
8'	16.5	16.9	14.1	14.6	11.9	12.4	18.9	19.6	16	16.7	11.8	12	20.8	21.6	17.8	18.7	13.2	13.6
9'	12.1	12.4	10.6	11	9.2	9.5	14.7	15.2	12.7	13.2	9.5	9.8	16.9	17.4	14.7	15.3	11.1	11.5
10'	9.1	9.3	8.1	8.4	7.1	7.4	11.5	11.9	10.1	10.5	7.8	8.1	13.7	14.1	12.1	12.6	9.3	9.7

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			

PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

STANDARD WHITE WALL WASH 15LM 90CRI 3000K																		
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'	13.9	15.3	9.8	10.1	8.5	5.9	3.2	3.4	2.6	2.3	2.2	1.1	2.2	2.3	1.7	1.8	1.4	1
2'	70	74.1	44.4	52.5	35.6	36.6	12.5	14.1	8.2	11.4	6.1	6.9	4.6	4.7	3.5	3.8	2.5	2.5
3'	69.4	72.3	48.5	50.1	36.9	37.7	31.1	32.9	22.4	26.2	15.8	16.2	12.8	13.4	9.8	11	5.6	8.1
4'	49.2	51.6	36.5	37.4	28	28.4	33.4	34.6	25.5	26.7	17.4	17.8	22.2	23.4	17.5	18.5	11.1	13.1
5'	33.4	34.7	25.8	26.8	20.4	20.8	27.8	29.1	22.2	22.8	15.1	15.4	23.7	24.9	19.2	19.9	12.9	13.8
6'	22.7	23.5	18.3	19.1	14.8	15.2	21.9	22.9	17.8	18.5	12.4	12.6	21	22	17.4	18.1	12.1	12.5
7'	15.9	16.3	13.2	13.7	10.9	11.3	16.9	17.6	14	14.7	10.1	10.2	17.6	18.3	14.8	15.5	10.7	10.9
8'	11.4	11.7	9.8	10.1	8.2	8.6	13	13.5	11.1	11.5	8.1	8.3	14.4	14.9	12.3	12.9	9.1	9.4
9'	8.4	8.5	7.3	7.6	6.3	6.6	10.1	10.5	8.8	9.1	6.6	6.8	11.6	12	10.1	10.6	7.7	7.9
10'	6.3	6.4	5.6	5.8	4.9	5.1	7.9	8.2	7	7.2	5.4	5.6	9.4	9.7	8.3	8.7	6.4	6.7

STANDARD WHITE WALL WASH 10LM 90CRI 3000K																		
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	11	7	7.2	6.1	4.2	2.3	2.5	1.9	1.7	1.6	0.8	1.6	1.7	1.2	1.3	1	0.7
2'	50.2	53.1	31.8	37.7	25.5	26.2	9	10.1	5.9	8.2	4.3	4.9	3.3	3.4	2.5	2.7	1.8	1.8
3'	49.8	51.8	34.8	35.9	26.4	27	22.3	23.6	16	18.8	11.3	11.6	9.2	9.6	7.1	7.9	4	5.8
4'	35.3	37	26.2	26.8	20.1	20.4	24	24.8	18.3	19.1	12.5	12.8	15.9	16.8	12.6	13.3	8	9.4
5'	23.9	24.9	18.5	19.2	14.6	14.9	20	20.9	15.9	16.4	10.8	11	17	17.9	13.8	14.3	9.2	9.9
6'	16.3	16.9	13.1	13.7	10.6	10.9	15.7	16.4	12.8	13.2	8.9	9.1	15	15.8	12.4	13	8.7	9
7'	11.4	11.7	9.5	9.8	7.8	8.1	12.1	12.6	10.1	10.5	7.2	7.3	12.6	13.1	10.6	11.1	7.7	7.8
8'	8.2	8.4	7	7.2	5.9	6.1	9.3	9.7	7.9	8.3	5.8	6	10.3	10.7	8.8	9.2	6.5	6.7
9'	6	6.1	5.3	5.4	4.5	4.7	7.2	7.5	6.3	6.5	4.7	4.9	8.3	8.6	7.3	7.6	5.5	5.7
10'	4.5	4.6	4	4.1	3.5	3.7	5.7	5.9	5	5.2	3.8	4	6.7	7	6	6.2	4.6	4.8

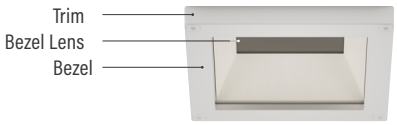
NOTE

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

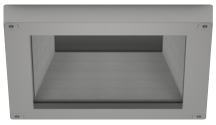
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM/BEZEL COLORS



WH



MC



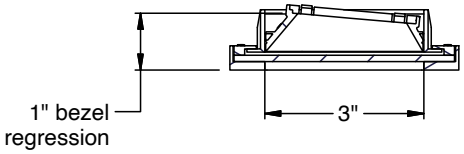
BK



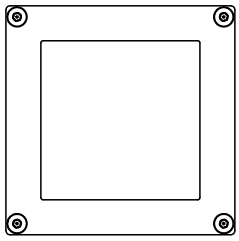
CC

TAMPER RESISTANT





aperture dimensions



ceiling cutout
3-1/4" square
ceiling thickness
1/8" to 1-1/4"

alphabet

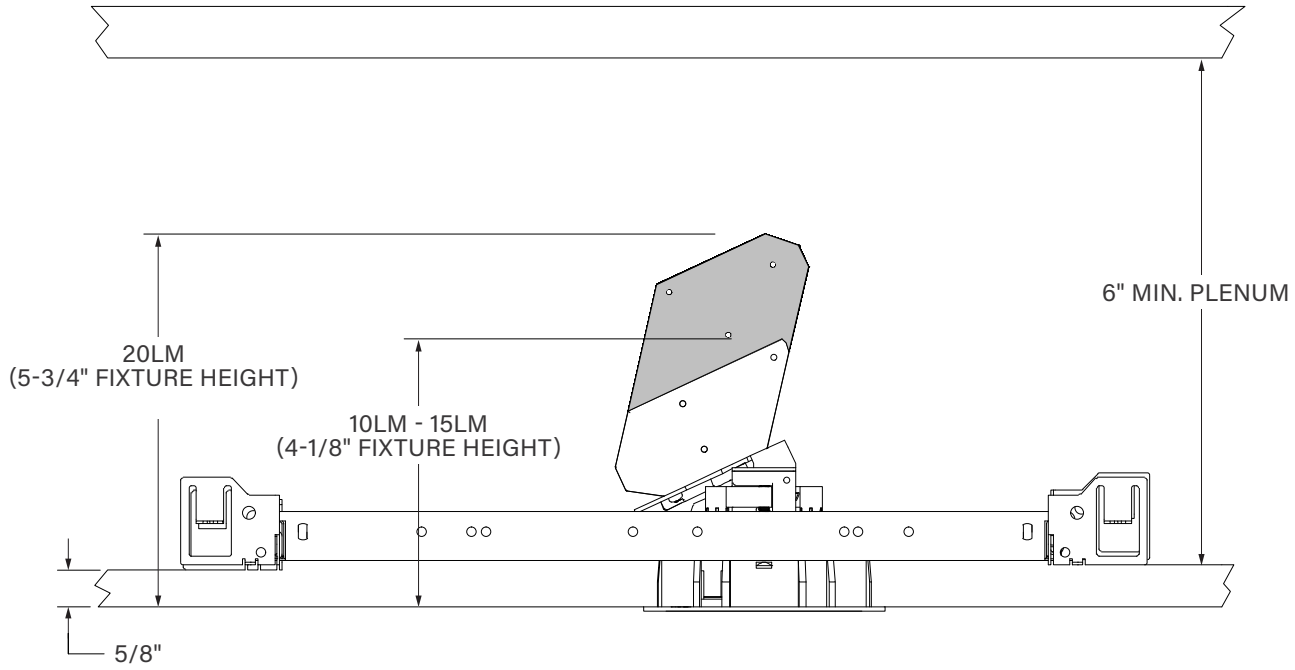
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

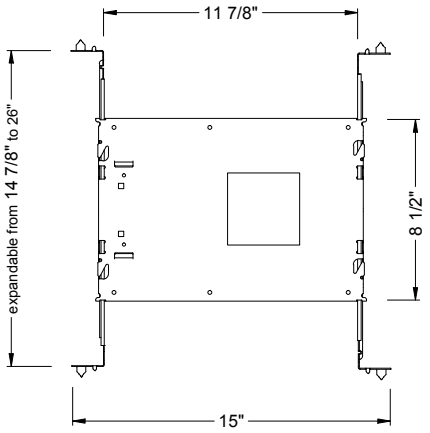
RATINGS / CERTIFICATIONS	NC
TYPE NON-IC	✔
TYPE IC	
CHICAGO PLENUM (CCEA)	
SUITABLE FOR AIR HANDLING PLENUMS	✔
REDUCED AIRFLOW (WITH LENS) ASTM E283	✔

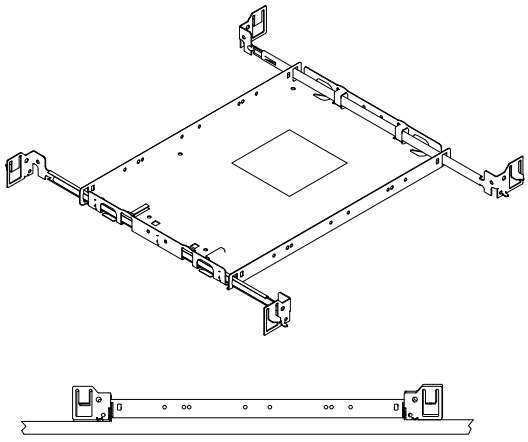
MOUNTING TYPE	STANDARD CEILING THICKNESS	STANDARD CEILING CUTOUT
TRIM	1/8" to 1-1/4"	3-1/4" square

PLENUM HEIGHT



NEW CONSTRUCTION - NC



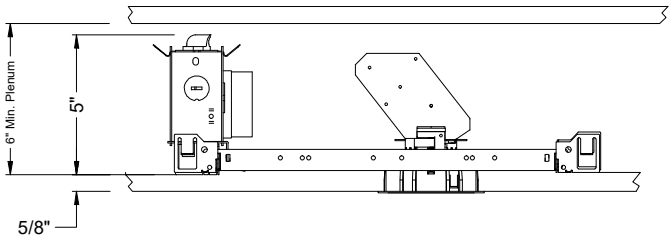


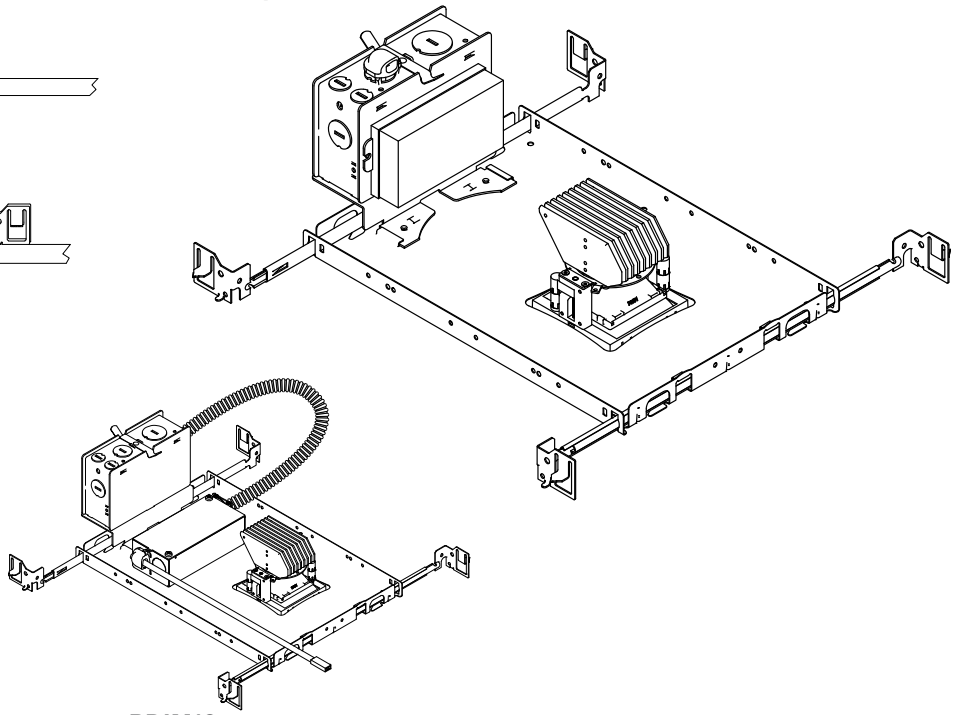
ADDITIONAL MOUNTING INFO	
New Construction Bar Hangers (included)	Mounting Length: 14-3/4" to 26"
Extension Kit p/n: K20266 (ordered separately, 1 per fixture)	*Extends a pair of Bar Hangers* Total Mounting Length: 29" to 48"

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

10LM-20LM (DIM10 / BDIM10 / DIM10Z / DALI / DALIZ / ELV1 / LUTP)





BDIM10

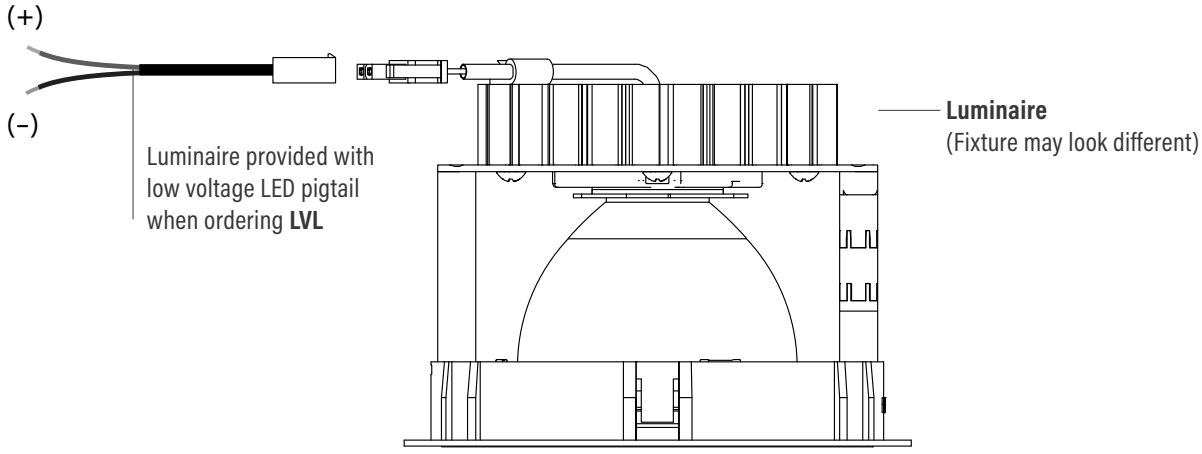
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

LOW VOLTAGE OPTIONS

WW BEAM (Note: Specifications are subject to change without notice)			
14mm COB PERFORMANCE DATA			
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	DRIVE CURRENT	LED WATTAGE
10LM	1050LM @30K/90CRI	350mA	13W
15LM	1460LM @30K/90CRI	500mA	18W
20LM	2110LM @30K/90CRI	750mA	27W
Notes	Delivered lumens based on wall wash optic, (see page 2)		

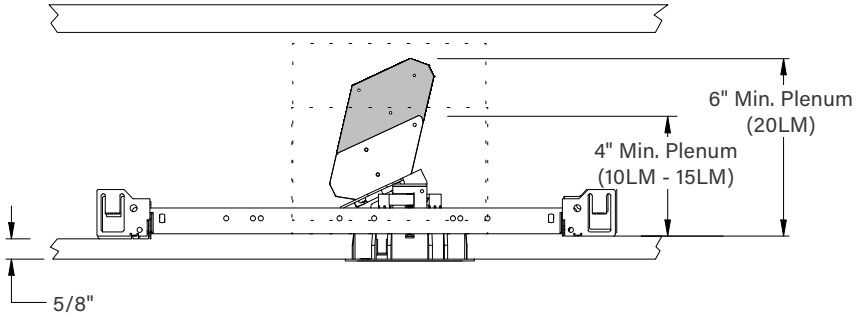
NOMINAL LED VOLTAGE: 36VDC

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



PLENUM HEIGHT

(NC-LVL-ND) NEW CONSTRUCTION REMOTE DX PANEL



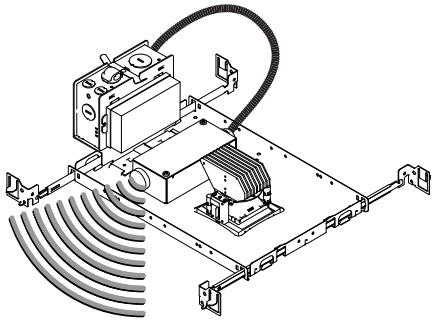
**Ref. DX panel specification sheet for remote driver options.*

alphabet

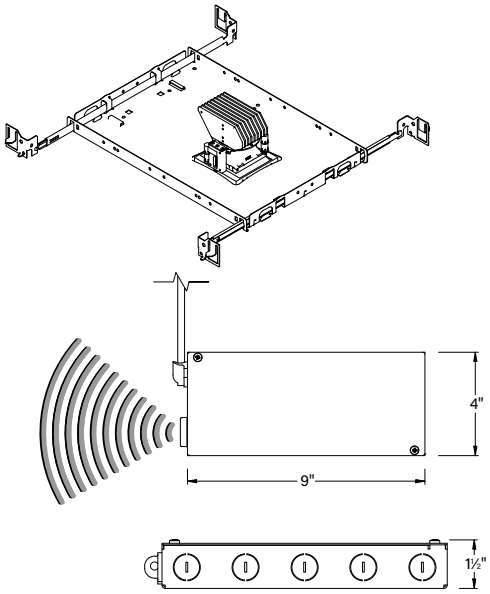
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

WIRELESS OPTIONS

NC - NEW CONSTRUCTION
PLENUM SIDE



NC - NEW CONSTRUCTION
DX REMOTE



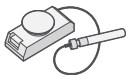
Customer must verify system design and installation with their controls provider (e.g., Lutron). Wireless signal strength, reliability, performance, and commissioning are the responsibility of the customer. Remote DX can power LEDs up to 330FT (18 AWG), but adequate wireless signal is customers responsibility.

YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
NU3 - QWTR - SW - 20LM - 30K- 90 - WW - WH - WH -NC - UNV - DIM10 - AWN
NU3 - QWTR - SW - 20LM - 30K- 90 - WW - WH - WH -NC - UNV - DIM10 - AWN - DX

nLIGHT

ORDERING CODE

NLTA ..... nlight air wireless device (0-10V Driver) - integrated / above ceiling
NLTA-DX ... nlight air wireless device (0-10V Driver) - remote DX Compact Driver



MODEL NUMBER

nlight air model #: RIO-ZT-180D-G2

POWER SUPPLY

(0-10V Driver): ELDOled 0-10V Optotronic LED driver with Aux Power, Dim-to-off

LUTRON Athena

ORDERING CODE

AWN ..... athena wireless node (0-10V Driver) - integrated / above ceiling
AWN-DX ... athena wireless node (0-10V Driver) - remote DX Compact Driver
AWND.....athena wireless node (DALI2 Driver) - integrated / above ceiling
AWND-DX ..athena wireless node (DALI2 Driver) - remote DX Compact Driver



MODEL NUMBER

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

POWER SUPPLY

(0-10V Driver): ELDOled 0-10V Optotronic LED driver with Aux Power, Dim-to-off
(DALI2 Driver): Moons D4i DALI2 LED driver with DALI Bus Power, Dim-to-off

legrand WATTSTOPPER® PLUS

ORDERING CODE

CLM ..... connected lighting module (0-10V Driver) - integrated / above ceiling
CLM-DX.... connected lighting module (0-10V Driver) - remote DX Compact Driver
CLMD ..... connected lighting module (DALI2 Driver) - integrated / above ceiling



MODEL NUMBER

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

POWER SUPPLY

(0-10V Driver): ELDOled 0-10V Optotronic LED driver with Aux Power, Dim-to-off
(DALI2 Driver): Moons D4i DALI2 LED driver with DALI Bus Power, Dim-to-off

CASAMBI

ORDERING CODE

CAS ..... Casambi wireless controller (0-10V Driver) - integrated / above ceiling
CAS-DX .... Casambi wireless controller (0-10V Driver) - remote DX Compact Driver



MODEL NUMBER

Casambi model #: CBU-ARP-LR

POWER SUPPLY

(0-10V Driver): ELDOled 0-10V Optotronic LED driver with Aux Power, Dim-to-off

101455

In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.