alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU2

2" Round Adjustable Standard White

NSF · AT airtight · PR plenum rated · wet rated · BABA•BAA

25° - 55° BEAM (Note: Specifications are subject to change without notice)		
9mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	1010LM @30K/90CRI	11W
15LM	1560LM @30K/90CRI	17W
20LM	2140LM @30K/90CRI	25W
Notes	Delivered lumens based on 35° optic with no lens, (see page 2)	

15° BEAM (Note: Specifications are subject to change without notice)		
6mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	980LM @ 30K/90CRI	11W
15LM	1470LM @ 30K/90CRI	18W
Notes	Delivered lumens based on 15° optic with no lens, (see page 2)	



FEATURES

- True 40° Tilt with <20% beam disruption (clipping)
- Zero ceiling line obstruction at Full Tilt
- Full, 360° rotation
- UGR < 17
- 107 LPW average
- Glare control, specialty optics, trim options, and custom finishes available
- 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%
- DMX-512/RDM dim to 0%
- Lutron Hi-Lume Ecosystem, dim to 1% and 0.1%
- Leading & trailing edge (Triac/ELV), dim to 0%
- NLight control interference dimming to 0%
- Wireless control options, dim to 1% (Ref. page 13)

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 1-3/4"
- **CUTOUT DIMENSION:**
  Trim - 2-3/4"
  Trimless - 2-3/4"
  Millwork - 2-5/8"

LED

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

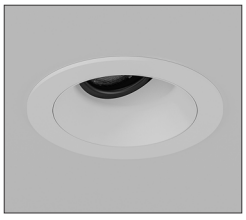
LISTING

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

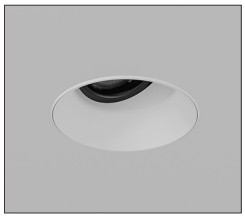
ELECTRICAL

- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

TRIM OPTIONS



Trimmed

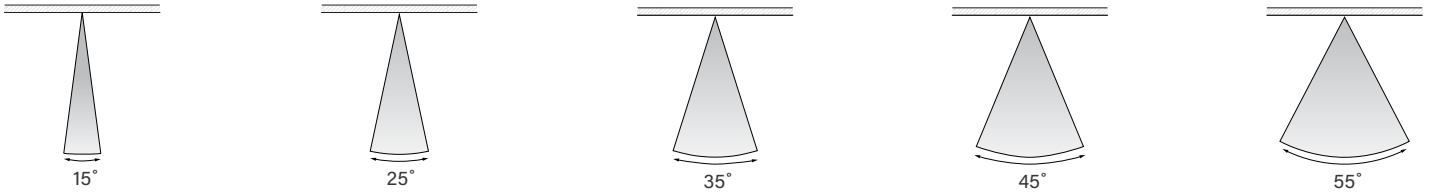


Trimless



Trimless Millwork

BEAM SPREADS



alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

ORDERING CODE

SERIES	**NU2**	NU2	
TYPE	**RA**	round adjustable	
	RAT[1]	round adjustable trimless	
	RATMW[1]	round adjustable trimless millwork	
LED	**SW**	standard white	
DELIVERED LUMENS	**10LM**	1054 lm	
	15LM	1555 lm	
	20LM	2137 lm	
	Standard Configuration: 3000K 90CRI 35D, **NL**		
	Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier] x [Optic Multiplier] x [Lens Multiplier]		
CCT	**22K**	2200K	
	24K	2400K	

CCT	2200K	2400K
CRI	90+	90+
CCT MULTIPLIER FOR LUMEN OUTPUT	0.71	0.77

27K	2700K		
30K	3000K		
35K	3500K		
40K	4000K		

CCT	2700K	3000K	3500K	4000K
CRI	90+	90+	90+	90+
CCT MULTIPLIER FOR LUMEN OUTPUT	0.96	1	1.01	1.02

CRI	**90**	90 CRI	
OPTIC & LM MULTIPLIER	**15D**[2]	15 degrees	(1.00)
	25D	25 degrees	(0.95)
	35D	35 degrees	(1.00)
	45D	45 degrees	(1.00)
	55D	55 degrees	(0.95)
ACCESSORY	**NA**	no accessory	(1.00)
	DLA	diffused lens	(0.83)
	HCL	honeycomb louver	(0.67)
	HETA	high efficiency textured lens, similar to Solite™	(0.93)
	SBLA	smoothing beam lens	(0.95)
	EA[3]	elliptical lens	(0.85)
	Maximum 2pcs of media per fixture.		
BEZEL LENS	**NL**[4]	no lens	(1.00)
	CL	clear lens	(0.91)
	DL	diffused lens	(0.79)
	E[3]	elliptical beam spread	(0.79)
	HET	high efficiency textured lens, similar to Solite™	(0.80)
	SBL	smoothing beam lens	(0.80)
TRIM COLOR	**BK**	black	
	WH	white	
	MC	matte chrome	
	BZ	bronze	
	CC[5]	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[5]	custom color, consult factory for details	
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.		
CEILING OPTIONS	**SC**	1/8" to 5/8" ceiling thickness, 360° rotation	
	TC	1/8" to 1" ceiling thickness, 50° rotation	
	TC2	5/8" to 1-3/4" ceiling thickness, 40° rotation	
	Not applicable to trimless option. Do not include in trimless ordering code.		

ORDERING CODE

MOUNTING OPTIONS	**NC**	new construction plate
	NC-F	new construction plate, fixed driver
	NCINH[6]	new construction with ceiling fitting plate, IC rated, inherently protected
	IC[7]	insulation contact housing
	ICAT[7]	insulation contact/airtight housing
	CP[7]	chicago plenum housing
	RET	retrofit, no ceiling plate
	RETINH[6]	retrofit, no ceiling fitting plate, IC rated, inherently protected
VOLTAGE	**120**	120V
	UNV	120V-277V
	LVL[8]	low voltage luminaire
DIMMING	**DIM10**	eldoLED flicker free 0-10V dim to 1%
	BDIM10[9]	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[10]	Lutron Hi-Lume Eco (fade) dim to 0.1%
	ELV1[11, 12]	leading edge & trailing edge (Triac/ELV) dim to 1%
	DMX-RJ45	DMX control dimming to 0.1% with RJ45 connection
	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
	ND	no driver included
	WIRELESS (ref. page 13 for available options)	
ELECTRICAL OPTIONS	**EM7**	remote emergency battery, 90 min at 7W
	EM12	remote emergency battery, 90 min at 12W
	EM10CA20	emergency battery backup, 90 minutes at 10W to LED, CA title 20

YOUR COMPLETED ORDERING CODE

Follow the steps to specify your fixture, example:

NU2 - RA - SW - 20LM - 30K - 90 - 25D - NA - NL - WH - WH - SC - NC - UNV - DIM10 - EM7

COMPATIBILITY - MOUNTING / ACCESSIBILITY / DIMMING

DIMMING	NC-F FIXED	NC FLOATING	IC FLOATING	ICAT FLOATING	CP FLOATING	RET FLOATING
DIM10	✔	✔	✔	✔	✔	✔
BDIM10	✔	✔	✔	✔	✔	✔
DIM10Z	✔					
DALI	✔	✔	✔	✔	✔	✔
DALIZ	✔					
LUTP	✔	✔	✔	✔	✔	✔
ELV1	✔	✔	✔	✔	✔	✔
DMX	✔					
NLT	✔					
ND	REMOTE POWER SUPPLY					

Fixed driver - above ceiling access required (grid / T-Bar ceiling)
Floating driver - below ceiling accessible (gypsum / hard lid ceiling)

NOTES

1. Available in 10LM/15LM and DIM10/BDIM10 only, single knockout box.
2. 15D available in 10LM/15LM, 27K/30K/35K/40K.
3. Elliptical lens not available with 15D optic options.
4. NL option does not meet requirements for AT/WET/NSF listings.
5. Custom set up fee plus minimum quantity required per color.
6. RETINH/NCINH available in 10LM, 25D/35D/45D/55D
7. IC/ICAT/CP not available in 20LM.
8. Must select ND dimming code, for remote driver PoE specification see 12.
9. BDIM10 not available in 20LM.
10. LUTP not available in 20LM.
11. ELV1 available in 120V.
12. Available in NC-F for RAT/RATMW.

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

101459

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

OPTICAL OPTIONS

- Corrected UGR values generated per CIE 190-2010 at the following reference condition:
  Room dimensions: X = 4H, Y = 8H
  Reflectances: 70/50/20
- UGR calculation based on 15LM fixtures, unless otherwise noted.

HCL-NL
Honeycomb Louver



OPTIC	BEAM ANGLE	UGR
15D	17	<10
25D	25	<10
35D	31	<10
45D	36	<10
55D	48	<10

DLA-NL
Diffused Lens



OPTIC	BEAM ANGLE	UGR
25D	38	16.1
35D	42	15.5
45D	45	16
55D	53	18.3

HETA-NL
High Efficiency Textured Lens



OPTIC	BEAM ANGLE	UGR
15D	21	<10
25D	28	12.6
35D	33	10.6
45D	38	12.8
55D	49	16.2

SBLA-NL
Smoothing Beam Lens



OPTIC	BEAM ANGLE	UGR
15D	18	<10
25D	27	<10
35D	32	<10
45D	37	11
55D	49	15

NA-NL
No Lens



OPTIC	BEAM ANGLE	UGR
15D	17	<10
25D	26	<10
35D	33	<10
45D	47	<10
55D	54	<10

EA-NL
Elliptical Lens



OPTIC	BEAM ANGLE	UGR
25D	39x54	17x19
35D	42x58	17x19
45D	45x61	17x19
55D	53x66	19x21

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

OPTICAL OPTIONS

- Corrected UGR values generated per CIE 190-2010 at the following reference condition:
  Room dimensions: X = 4H, Y = 8H
  Reflectances: 70/50/20
- UGR calculation based on 15LM fixtures, unless otherwise noted.

NA-NL
No Lens



OPTIC	BEAM ANGLE	UGR
15D	17	<10
25D	26	<10
35D	33	<10
45D	47	<10
55D	54	<10

NA-HET
High Efficiency Textured Lens



OPTIC	BEAM ANGLE	UGR
15D	21	<10
25D	26	12.2
35D	31	13.5
45D	34	15
55D	43	18.2

NA-CL
Clear Lens



OPTIC	BEAM ANGLE	UGR
15D	17	<10
25D	26	<10
35D	33	<10
45D	47	<10
55D	54	<10

NA-SBL
Smoothing Beam Lens



OPTIC	BEAM ANGLE	UGR
15D	18	<10
25D	25	12
35D	30	12.9
45D	34	14.9
55D	43	17.9

NA-DL
Diffused Lens



OPTIC	BEAM ANGLE	UGR
25D	37	17.8
35D	40	17.9
45D	43	18.6
55D	50	21.4

NA-E
Elliptical Lens



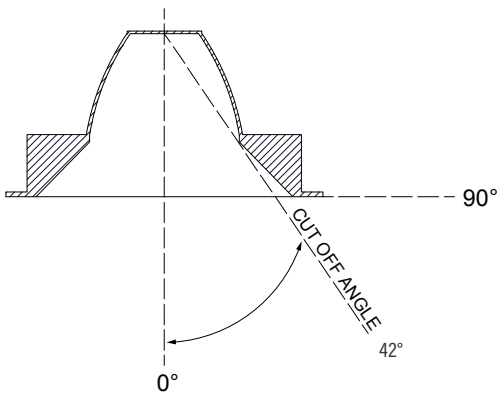
OPTIC	BEAM ANGLE	UGR
25D	37x63	18x22
35D	40x66	18x23
45D	43x67	18x24
55D	50x75	21x26

GLARE CONTROL

CUT-OFF ANGLE

Visual comfort is achieved with a lower cut-off angle due to improved glare control. The smaller the cut-off angle, the easier it is on the eye.
Alphabet downlights have been thoughtfully engineered to eliminate glare while still delivering functional illumination.

- Cutoff angle is 42° degrees;



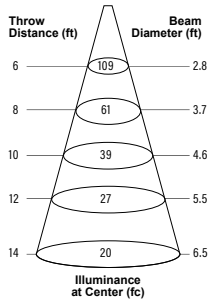
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PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA

10LM CCT MULTIPLIERS	
	90CRI
2700K	0.96
3000K	1
3500K	1.01
4000K	1.02
FC Formula = CBCP / Distance	

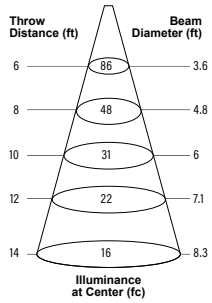
25D 26° WITH NO LENS



WATTS: 10.7	LPW: 89.2
LUMENS: 955	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	3935
5	3745
15	1445
25	287
35	62
45	16

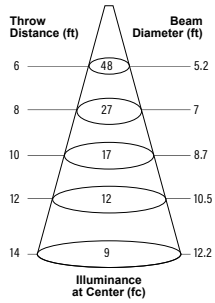
35D 33° WITH NO LENS



WATTS: 10.7	LPW: 93.5
LUMENS: 1000	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	3097
5	2953
15	1818
25	359
35	58
45	15

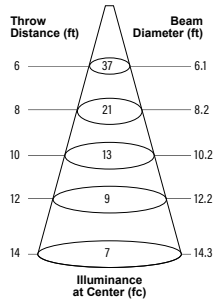
45D 47° WITH NO LENS



WATTS: 10.7	LPW: 94.6
LUMENS: 1012	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	1735
5	1714
15	1501
25	730
35	115
45	19

55D 54° WITH NO LENS

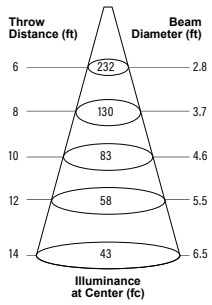


WATTS: 10.7	LPW: 94.2
LUMENS: 1008	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	1340
5	1338
15	1267
25	805
35	208
45	20

20LM CCT MULTIPLIERS	
	90CRI
2700K	0.96
3000K	1
3500K	1.01
4000K	1.02
FC Formula = CBCP / Distance	

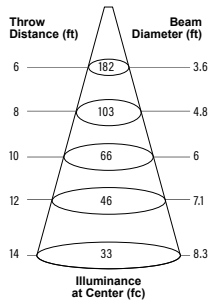
25D 26° WITH NO LENS



WATTS: 24.5	LPW: 82.6
LUMENS: 2024	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	8343
5	7939
15	3064
25	608
35	132
45	35

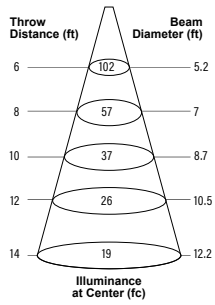
35D 33° WITH NO LENS



WATTS: 24.5	LPW: 86.6
LUMENS: 2121	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	6566
5	6260
15	3855
25	762
35	124
45	32

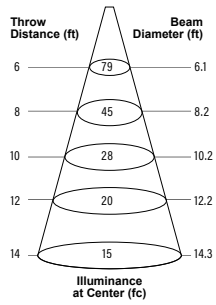
45D 47° WITH NO LENS



WATTS: 24.5	LPW: 87.6
LUMENS: 2146	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	3678
5	3635
15	3181
25	1547
35	244
45	40

55D 54° WITH NO LENS



WATTS: 24.5	LPW: 87.2
LUMENS: 2137	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	2840
5	2836
15	2685
25	1706
35	441
45	43

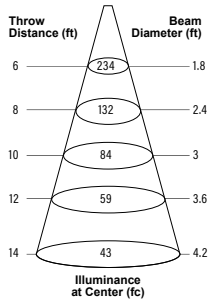
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA

10LM CCT MULTIPLIERS	
	90CRI
2700K	0.96
3000K	1
3500K	1.01
4000K	1.02
FC Formula = CBCP / Distance	

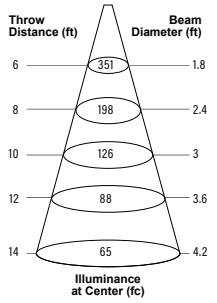
15D
17° WITH NO LENS



WATTS: 11.2	LPW: 87.4
LUMENS: 979	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	8430
5	7106
15	1015
25	172
35	44
45	9

15LM CCT MULTIPLIERS	
	90CRI
2700K	0.96
3000K	1
3500K	1.01
4000K	1.02
FC Formula = CBCP / Distance	

15D
17° WITH NO LENS

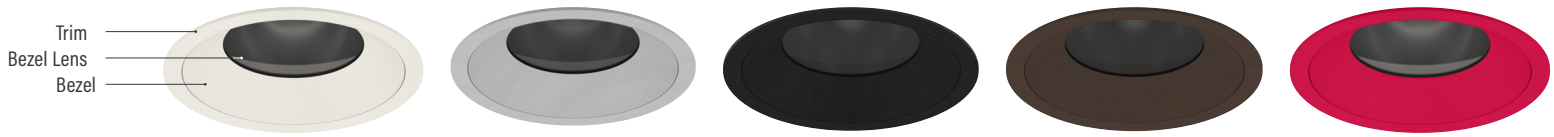


WATTS: 18	LPW: 81.6
LUMENS: 1469	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	12650
5	10663
15	1523
25	258
35	67
45	14

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

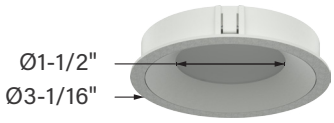
TRIM OPTIONS

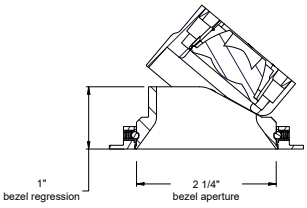
TRIM/BEZEL COLORS

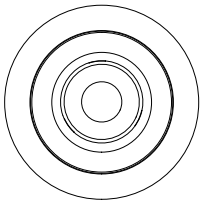


WH MC BK BZ CC

TRIMMED



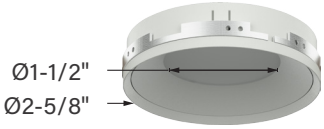


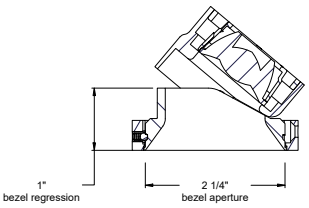


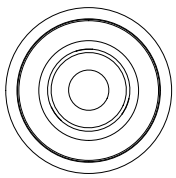
ceiling cutout
2-3/4" diameter

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

MILLWORK



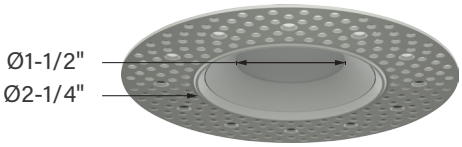


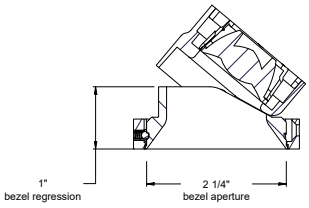


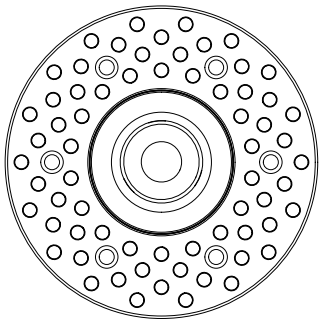
ceiling cutout
2-5/8" diameter

ceiling thickness
1/2" to 2"

TRIMLESS







ceiling cutout
2-3/4" diameter

ceiling thickness
3/8" to 2"

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.

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

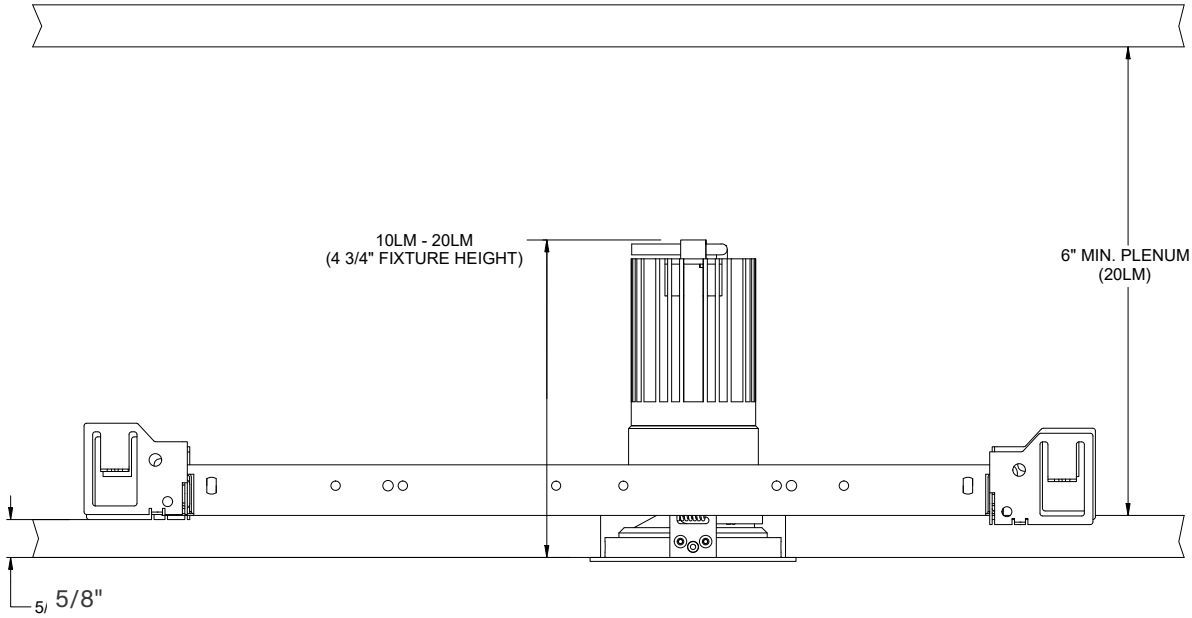
MOUNTING OPTIONS

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				✔	✔

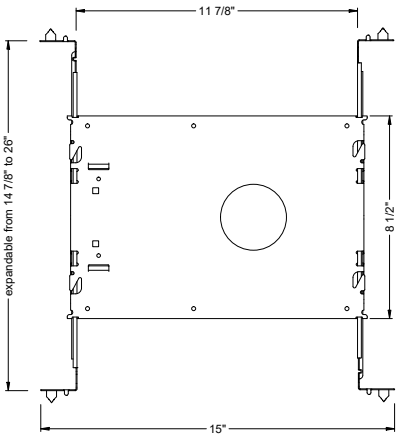
MOUNTING TYPE	STANDARD CEILING THICKNESS	STANDARD CEILING CUTOUT
TRIM	1/8" to 1-3/4"	2-3/4"
TRIMLESS	3/8" to 2"	2-3/4"
MILLWORK (TRIMLESS)	1/2" to 2"	2-5/8"

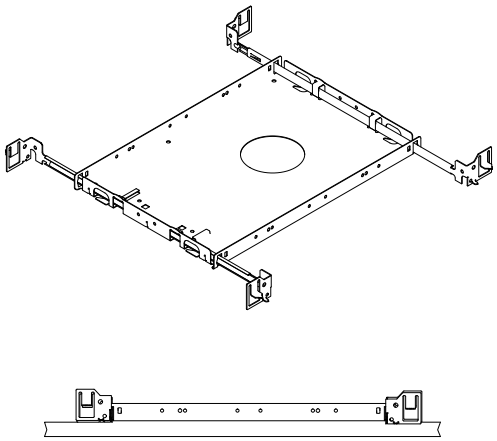
CEILING THICKNESS	TILT
1/8" to 3/4"	40°
1"	30°
1-1/2"	20°
2"	10°

PLENUM HEIGHT



NEW CONSTRUCTION - NC



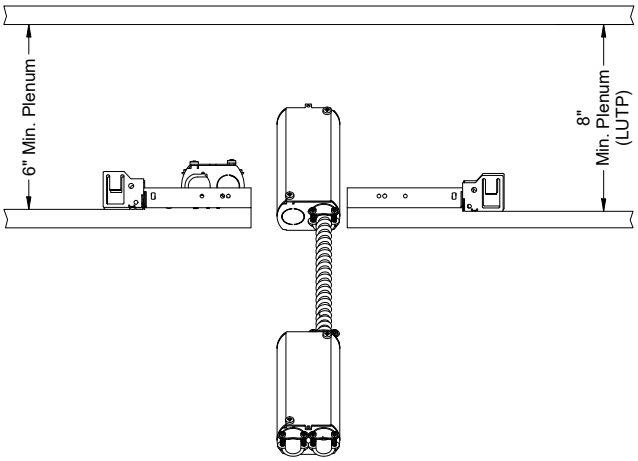


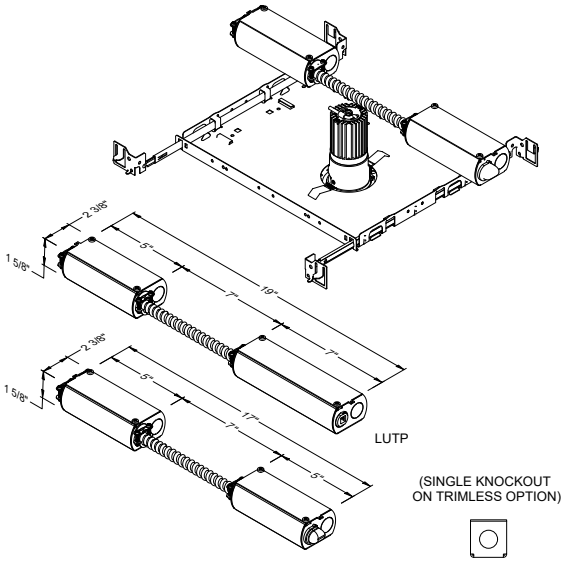
ADDITIONAL MOUNTING INFO	
New Construction Bar Hangers (included)	Mounting Length: 14-3/4" to 26"
Extension Kit p/n: K20266 (ordered separately, 1 per fixture)	*Extends a pair of Bar Hangers* Total Mounting Length: 29" to 48"

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

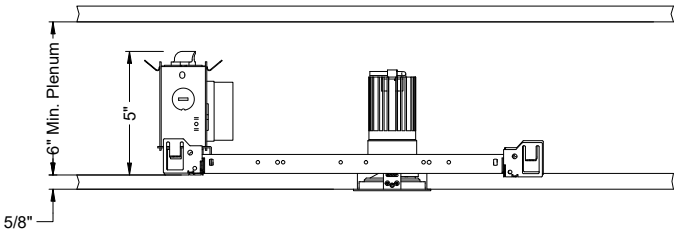
MOUNTING OPTIONS

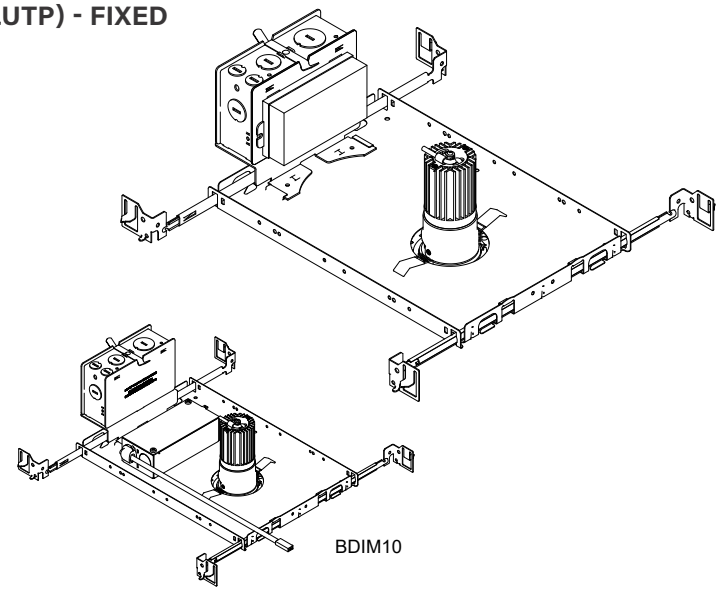
10LM-20LM (DIM10 / BDIM10 / DALI / ELV1 / LUTP) - FLOATING
(BELOW CEILING ACCESSIBLE)



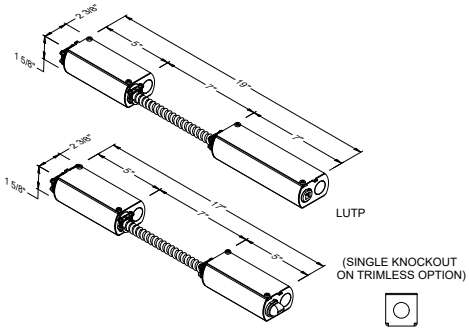


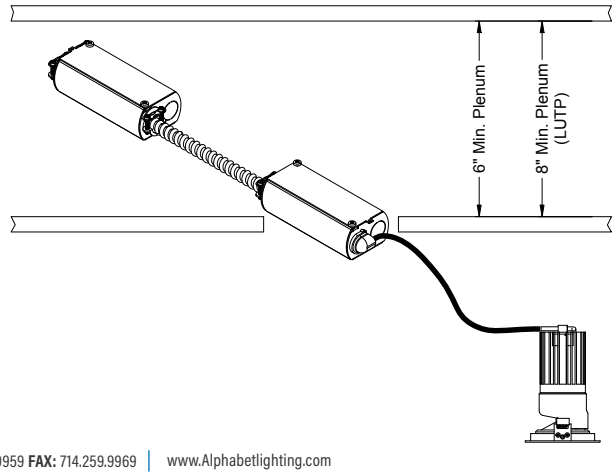
10LM-20LM (DIM10 / BDIM10 / DIM10Z / DALI / DALIZ / ELV1 / LUTP) - FIXED
(ABOVE CEILING ACCESS REQUIRED)





10LM-20LM (DIM10 / BDIM10 / DALI / ELV1 / LUTP) - FLOATING
(BELOW CEILING ACCESSIBLE)

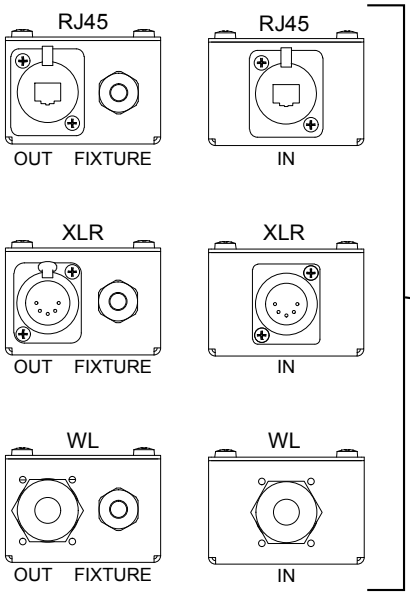


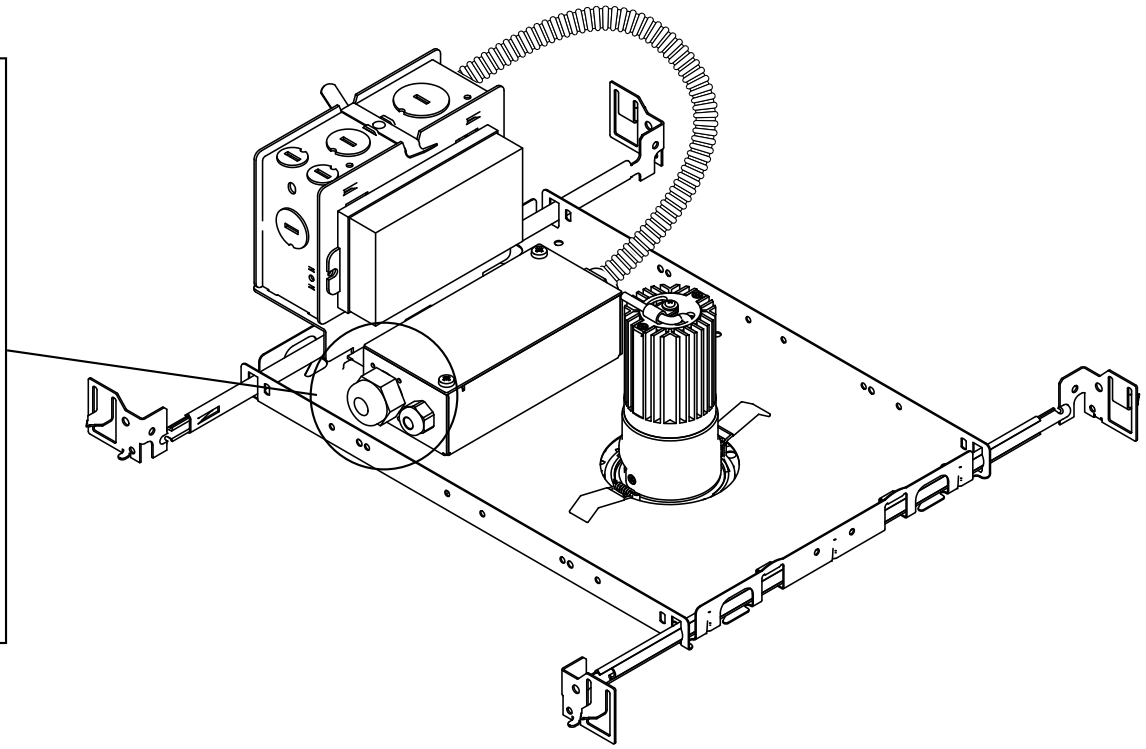


PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

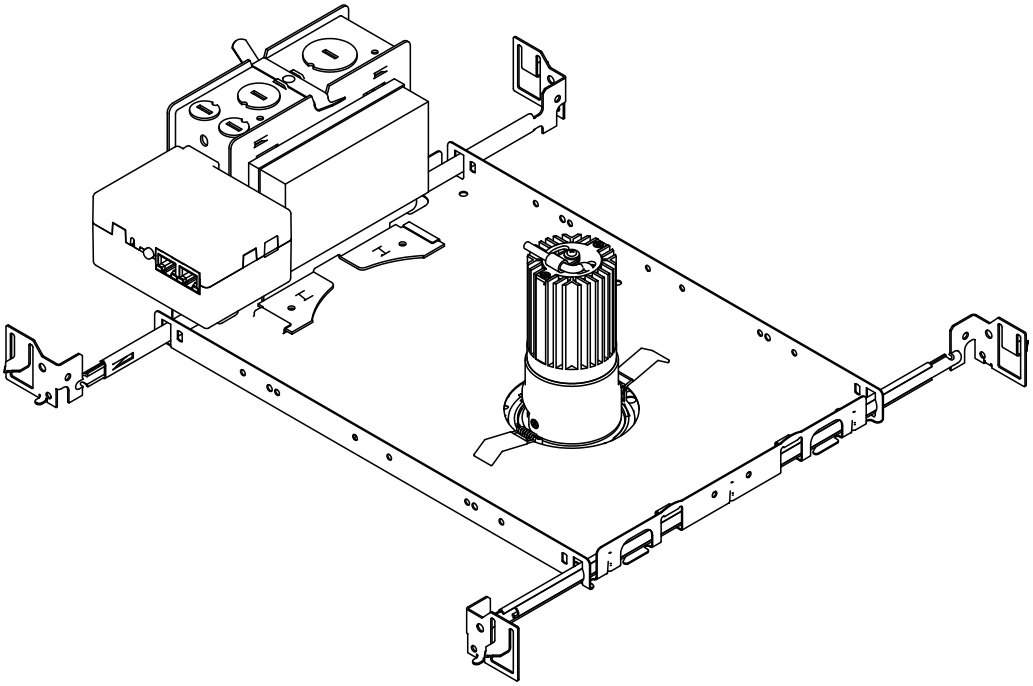
MOUNTING OPTIONS

10LM-20LM (DMX) - FIXED
(ABOVE CEILING ACCESS REQUIRED)





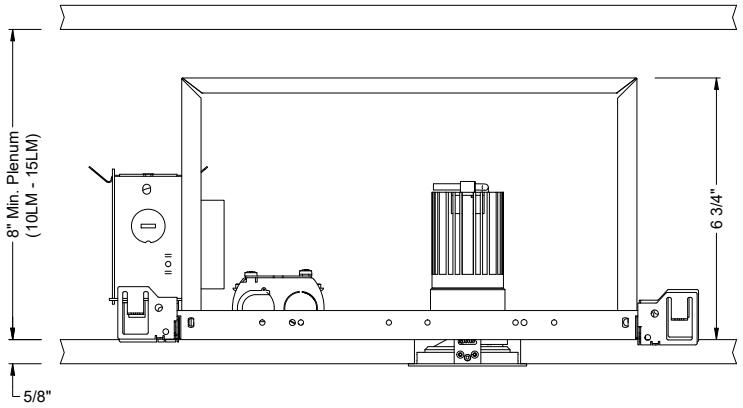
10LM - 20LM (NLT) - FIXED
(ABOVE CEILING ACCESS REQUIRED)

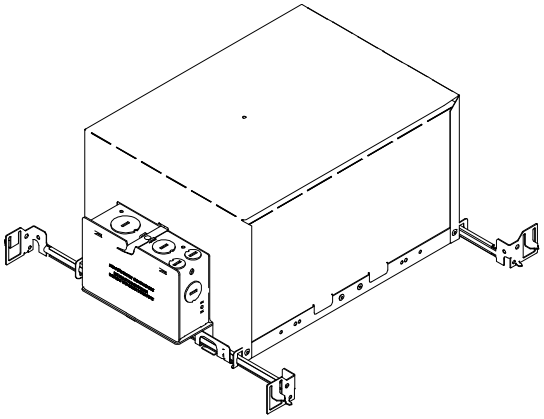


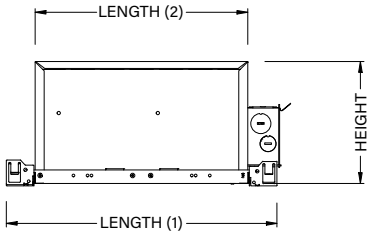
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

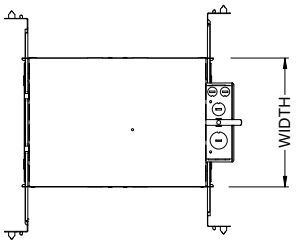
MOUNTING OPTIONS

IC - INSULATION CONTACT | ICAT - INSULATION CONTACT / AIR TIGHT | CP - CHICAGO PLENUM — FLOATING
(DIM10 / DIM10Z / DALI / DALIZ / LUTP / ELV1 / ND)









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 - NARROW BEAM (25°-60°)			
LUMEN OUTPUT	BOX-A		
	CP	IC	ICAT
10LM	✔	✔	✔
15LM	✔	✔	✔
20LM			

BOX TYPE / LUMEN OUTPUT - NARROW BEAM (15°-20°)			
LUMEN OUTPUT	BOX-A		
	CP	IC	ICAT
10LM	✔	✔	✔
15LM			

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

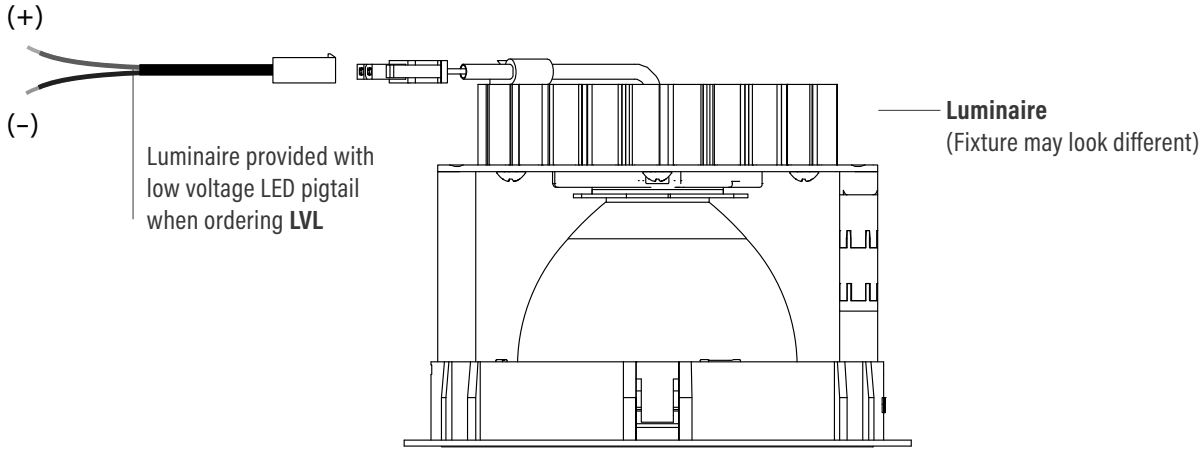
LOW VOLTAGE OPTIONS

25° - 55° BEAM (Note: Specifications are subject to change without notice)			
9mm COB PERFORMANCE DATA			
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	DRIVE CURRENT	LED WATTAGE
10LM	1010LM @30K/90CRI	250mA	9W
15LM	1560LM @30K/90CRI	400mA	14.5W
20LM	2140LM @30K/90CRI	575mA	21W
Notes	Delivered lumens based on 35° optic with no lens, (see page 2)		

15° BEAM (Note: Specifications are subject to change without notice)			
6mm COB PERFORMANCE DATA			
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	DRIVE CURRENT	LED WATTAGE
10LM	980LM @ 30K/90CRI	250mA	9W
15LM	1470LM @ 30K/90CRI	400mA	14.5W
Notes	Delivered lumens based on 15° optic with no lens, (see page 2)		

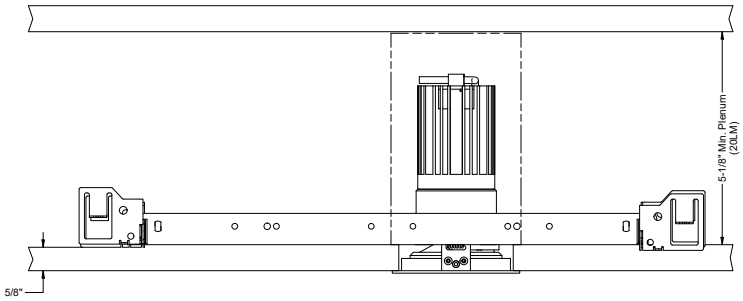
NOMINAL LED VOLTAGE: 36VDC

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

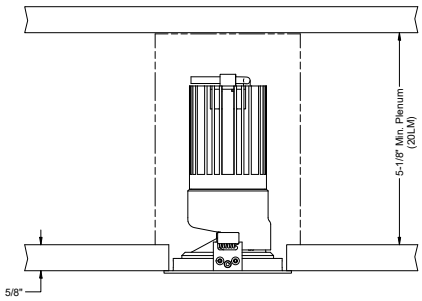


PLENUM HEIGHT

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



(RET-LVL-ND) REMOTE DX PANEL RETRO



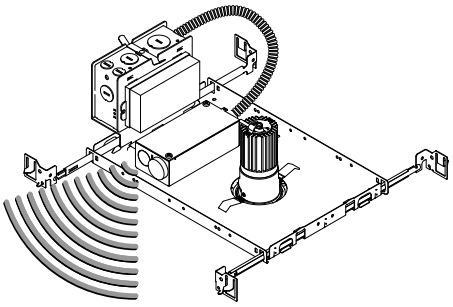
**Ref. DX panel specification sheet for remote driver options.*

alphabet

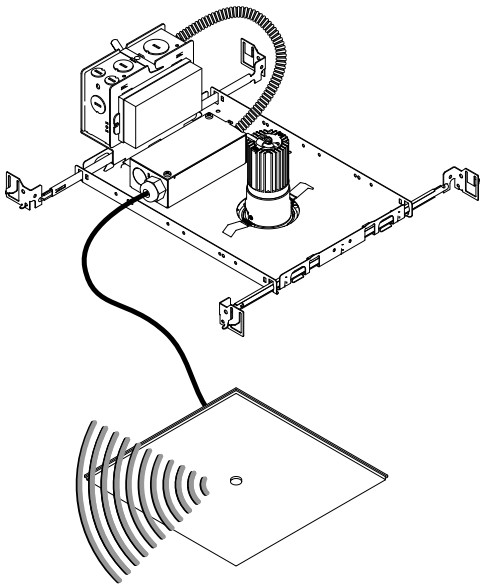
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

WIRELESS OPTIONS

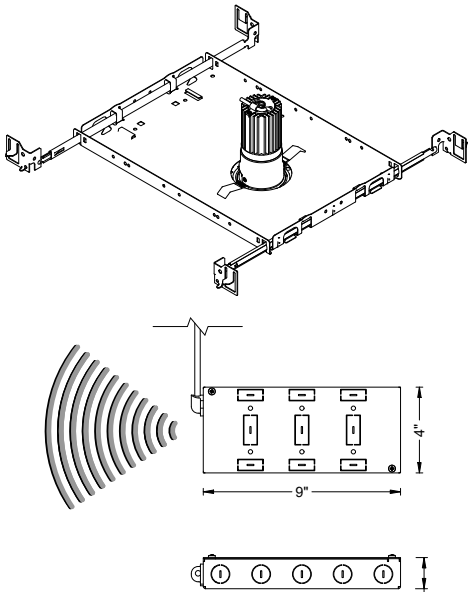
NC - NEW CONSTRUCTION - FIXED
PLENUM SIDE



NC - NEW CONSTRUCTION - FIXED
R CEILING SIDE



NC - NEW CONSTRUCTION
DX REMOTE



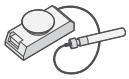
Customer must verify system design and installation with their controls provider (e.g., Lutron).
Wireless signal strength, reliability, performance, and commissioning are the responsibility of the customer. Remote DX can power LEDs up to 330FT (18 AWG), but adequate wireless signal is customers responsibility.

YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
NU2 - RA - SW - 20LM - 30K - 90 - 25D - NA - NL - WH - WH - SC - NC - UNV - AWN
NU2 - RA - SW - 20LM - 30K - 90 - 25D - NA - NL - WH - WH - SC - NC - LVL - 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
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

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

(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

101459

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

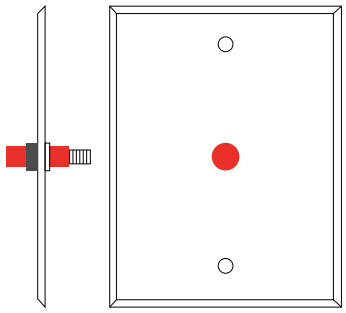
BATTERY OPTIONS

EMERGENCY BATTERY
Battery Backups are UL Listed LED emergency drivers that allow the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the ILB switches to the emergency mode and operates the existing fixture for 90 minutes. The unit contains a battery, charger, and converter circuit in a single can. The Constant Power design of the ILB maintains the output wattage to the LED array even as the system voltage diminishes. UL 924 Listed for U.S. and Canada. UL 1310 Certified, Output Class 2 Compliant. Includes single-piece TBTS test switch and charge indicator accessory kit. For use with switched and unswitched fixtures, and includes Two-wire universal AC input. Meets or exceeds all National Electric Code and Life Safety Code Emergency Lighting Requirements. Rated for use in Plenum, Damp Location, Recessed Type IC, and Enclosed and Gasketed Luminares.

REMOTE TEST SWITCH
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

EMERGENCY BATTERY ACCESS
Above ceiling access is required for service. An access panel in the ceiling (or other form of access) adjacent to the installation location of the Emergency Battery is required.

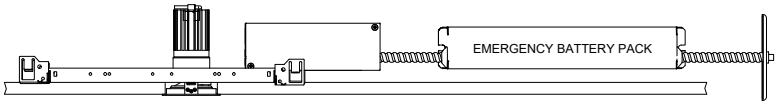
REMOTE LOCATION
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



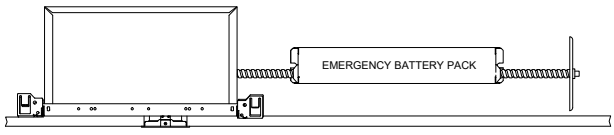
Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 20LM)	753	1075	1291
Notes: Based on 30K, 90CRI			

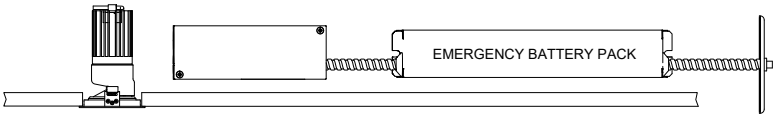
NC - NEW CONSTRUCTION
WITH EM BATTERY (REMOTE TEST SWITCH)



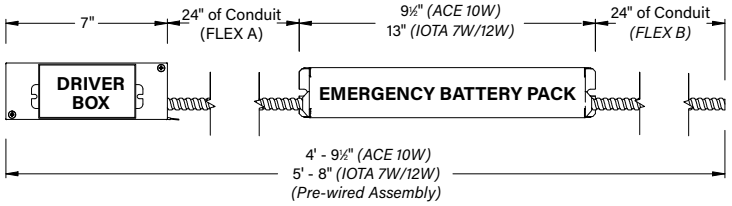
IC / ICAT / CP - INSULATION CONTACT HOUSING
WITH EM BATTERY (REMOTE TEST SWITCH)



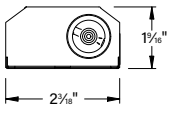
RET - RETROFIT
WITH EM BATTERY (REMOTE TEST SWITCH)



REMOTE BATTERY DIMENSIONS



EMERGENCY BATTERY PACK



DRIVER BOX

