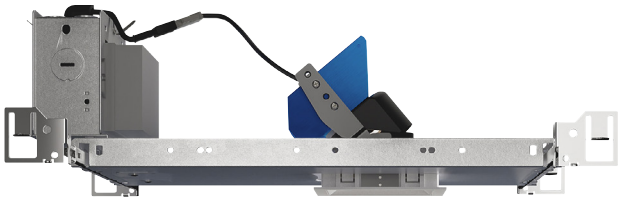
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU3

3" Toolless Square Adjustable Standard White

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



20° - 100° BEAM (Note: Specifications are subject to change without notice)		
9mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	930LM @30K/90CRI	10W
15LM	1480LM @30K/90CRI	15W
20LM	2010LM @30K/90CRI	20W
25LM	2470LM @30K/90CRI	26W
30LM	3040LM @30K/90CRI	34W
Notes	Delivered lumens based on 50D 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	12W
15LM	1470LM @30K/90CRI	19W
Notes	Delivered lumens based on 15D optic with no lens (see page 2)	

10° BEAM (Note: Specifications are subject to change without notice)		
4.5mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	740LM @30K/90CRI	11W
Notes	Delivered lumens based on 10D optic with no lens (see page 2)	

FEATURES

- True 40° Tilt with <15% beam disruption (clipping)
- Unlimited continuous 360° rotation
- Toolless operation (mounting, tilt, rotation)
- Concentric Tilt Tracking ensures minimal light loss
- Zero ceiling line obstruction at Full Tilt
- UGR <5
- 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, dim to 0.1% and 1%
- BAA - BABA compliant, 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 0.1%
- Leading & trailing edge (Triac/ELV), dim to 1%
- nLight control interface, dim to 0%
- Wireless control options, dim to 1% (Ref. page 14)

CONSTRUCTION

- Lexan™ (PC) highly resistant to impact and heat (240°F)
- Optimal material for wireless signal connectivity
- Shatter proof acrylic bezel lens
- Electrocoated 16-gauge cold-rolled steel construction
- Accommodates ceiling thickness from Standard 1/8" to 1-1/4" and Thick Ceiling 1-1/4" to 1-7/8"
- **CUTOUT DIMENSION:**
  Trimmed - 3-1/4" x 3-1/4"
  Millwork - 3-9/32" x 3-9/32"
  Trimless - 3-1/2" x 3-1/2"

LED

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

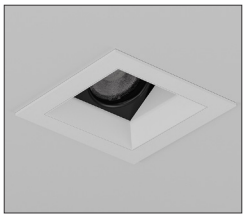
LISTING

- 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
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- **Declare.** - LBC Red List Approved
- 5 Year Limited warranty

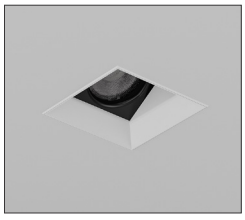
ELECTRICAL

- 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)
- Low Voltage Luminaire option (Ref. page 13)

TRIM OPTIONS



Trimmed

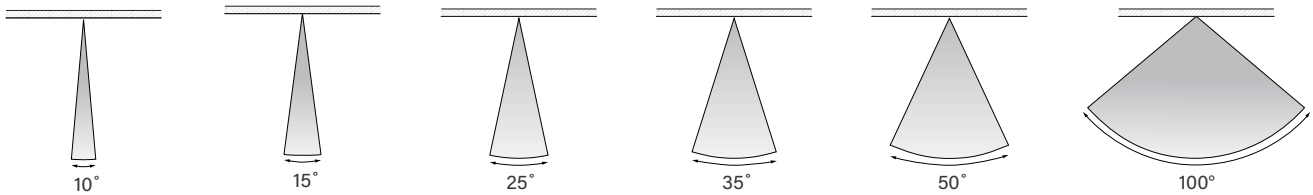


Trimless



Trimless Millwork

BEAM SPREADS



alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

ORDERING CODE

SERIES	**NU3**	NU3
TYPE	**TSA**	toolless square adjustable
	TSAT	toolless square adjustable trimless
	TSATMW	toolless square adjustable trimless millwork
LED	**SW**	standard white
DELIVERED LUMENS	**10LM**	930 lm
	15LM	1480 lm
	20LM	2010 lm
	25LM	2470 lm
	30LM	3040 lm
	Standard Configuration: 3000K 90CRI 50D **NL**	
	Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier] x [Optic Multiplier] x [Accessory Multiplier] x [Lens Multiplier] x [Bezel 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	**10D**[1]	10 degrees	(1.00)
	15D[1]	15 degrees	(1.00)
	25D	25 degrees	(0.93)
	35D	35 degrees	(0.94)
	50D	50 degrees	(1.00)
ACCESSORY	**NA**	no accessory	(1.00)
	EA[2]	elliptical lens	(0.70)
	HCL	honeycomb louver	(0.76)
	HETA	high efficiency textured lens, similar to Solite™	(0.91)
	Attached to **TIR** optic, field replaceable (maximum, 1 media)		
BEZEL LENS	**NL**[3]	no lens	(1.00)
	CL	clear lens	(0.94)
	DL	diffused lens	(0.90)
	HET	high efficiency textured lens, similar to Solite™	(0.92)
	SBL	smoothing beam lens	(0.94)
	WDL	wide diffused lens*	(0.85)
	*Wide diffusing lens achieves beams ≥ 90° Ref. page 4		
TRIM COLOR	**BK**	black	
	WH	white	
	MC	matte chrome	
	BZ	bronze	
	CC[4]	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[4]	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
	IC[5]	insulation contact housing
	ICAT[5]	insulation contact/airtight housing
	CP[5]	chicago plenum housing
	RET	retrofit, no ceiling plate
VOLTAGE	**120**	120V
	UNV	120V-277V
	LVL[6]	low voltage luminaire
DIMMING	**DIM10**	eldoLED flicker free 0-10V dim to 1%
	BDIM10[7]	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[8]	Lutron Hi-Lume Eco (fade) dim to 0.1%
	ELV1[9]	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 14 for available options)	
ELECTRICAL OPTIONS	**EM7**	remote emergency battery, 90 min at 7W
	EM12	remote emergency battery, 90 min at 12W
	EM10CA20	remote emergency battery, 90 min at 10W
SPECIAL	**TC**	1-1/4" to 1-7/8" ceiling thickness
	Product feature limitations, see page 7.	

YOUR COMPLETED ORDERING CODE

Follow the steps to specify your fixture, example:

NU3 - TSA - SW - 20LM - 30K - 90 - 25D - NA - NL - WH - WH - NC - UNV - DIM10 - EM7

NOTES

1. 10D available in 10LM and 15D available in 10LM/15LM. Note: DL/E/WDL lenses increase angle by 25%.
2. Actual beam distributions [25D= 40° x 55° , 35D= 45° x 60° , 50D= 55° x 70°]
3. NL option does not meet requirement for AT/DF/WET/NSF listings.
4. Custom set up fee plus minimum quantity required per color.
5. IC/ICAT/CP not available in 22K & 24K for 25LM or 10D/10LM or 30LM.
6. Must select ND dimming code, for remote driver or POE specifications, ref. page 13.
7. BDIM10 not available in 25LM/30LM.
8. LUTP not available in 25LM/30LM.
9. ELV1 available in 120V.

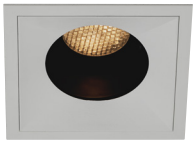
* EldoLED and DMX uses logarithmic dimming curve as standard. For linear dimming curve, add "LIN" after dimming code, i.e. DIM10LIN.

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
10D	11	<10
15D	15	<10
25D	25	<10
35D	33	<10
50D	44	<10

* 10D UGR calculation based on 10LM fixture

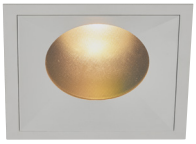
NA-NL
No Lens



OPTIC	BEAM ANGLE	UGR
10D	12	<10
15D	16	<10
25D	26	<10
35D	36	<10
50D	50	<10

* 10D UGR calculation based on 10LM fixture

HETA-NL
High Efficiency Textured Lens



OPTIC	BEAM ANGLE	UGR
10D	16	<10
15D	19	<10
25D	28	<10
35D	36	<10
50D	48	<10

* 10D UGR calculation based on 10LM fixture

EA-NL
Elliptical Lens

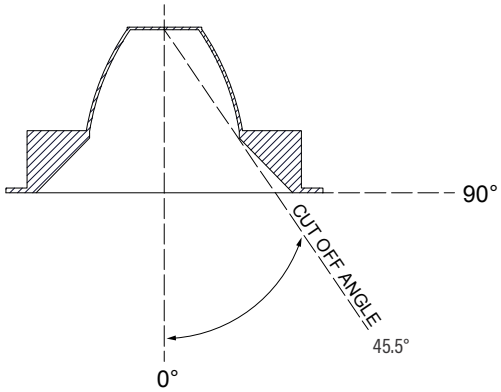


OPTIC	BEAM ANGLE	UGR
25D	39x55	<10
35D	43x59	<10
50D	54x67	<10

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 45.5° degrees;



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-CL
Clear Lens



OPTIC	BEAM ANGLE	UGR
10D	12	<10
15D	16	<10
25D	26	<10
35D	36	<10
50D	50	<10

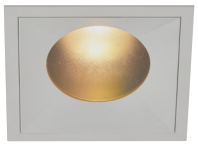
NA-NL
No Lens



OPTIC	BEAM ANGLE	UGR
10D	12	<10
15D	16	<10
25D	26	<10
35D	36	<10
50D	50	<10

* 10D UGR calculation based on 10LM fixture

NA-HET
High Efficiency Textured Lens



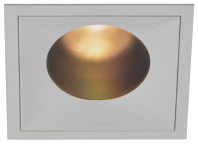
OPTIC	BEAM ANGLE	UGR
10D	17	<10
15D	19	<10
25D	28	<10
35D	36	<10
50D	49	<10

NA-DL
Diffused Lens



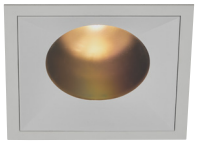
OPTIC	BEAM ANGLE	UGR
25D	39	13
35D	44	14
50D	55	18

NA-WDL
Wide Diffused Lens



OPTIC	BEAM ANGLE	UGR
25D	81	20
35D	86	22
50D	99	26

NA-SBL
Smoothing Beam Lens



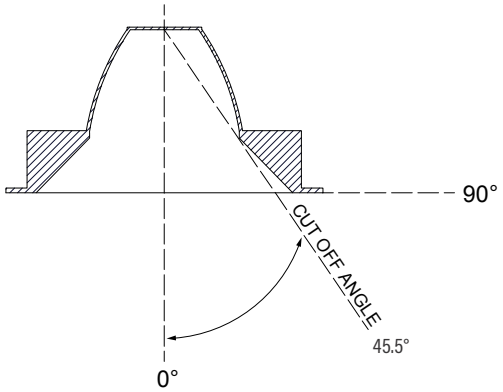
OPTIC	BEAM ANGLE	UGR
10D	12	<10
15D	16	<10
25D	26	<10
35D	36	<10
50D	50	<10

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 45.5° degrees;



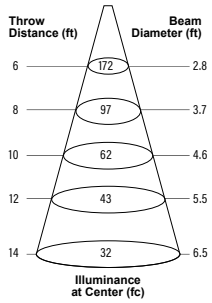
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA

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

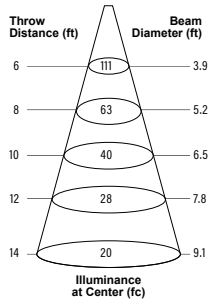
25D 26° WITH NO LENS



WATTS: 14.5	LPW: 93
LUMENS: 1349	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	6191
5	5716
15	2356
25	341
35	22
45	1

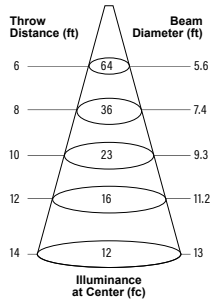
35D 36° WITH NO LENS



WATTS: 14.5	LPW: 94.1
LUMENS: 1364	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	3991
5	3847
15	2640
25	539
35	34
45	4

50D 50° WITH NO LENS

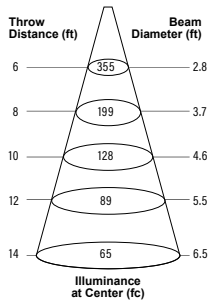


WATTS: 14.5	LPW: 101.8
LUMENS: 1477	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	2286
5	2263
15	2004
25	1138
35	265
45	13

30LM CCT MULTIPLIERS	
	90CRI
2700K	0.96
3000K	1
3500K	1.01
4000K	1.02
FC Formula = CBCP / Distance	

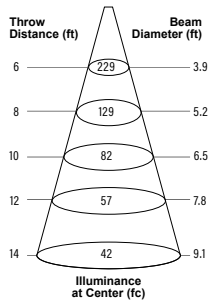
25D 26° WITH NO LENS



WATTS: 33.9	LPW: 82
LUMENS: 2781	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	12762
5	11784
15	4857
25	703
35	46
45	2

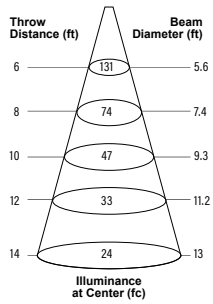
35D 36° WITH NO LENS



WATTS: 33.9	LPW: 83
LUMENS: 2812	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	8227
5	7931
15	5443
25	1110
35	71
45	8

50D 50° WITH NO LENS



WATTS: 33.9	LPW: 89.8
LUMENS: 3044	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	4712
5	4666
15	4132
25	2346
35	547
45	27

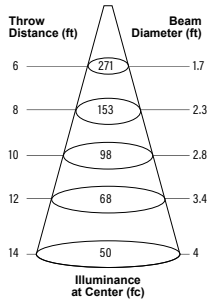
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA

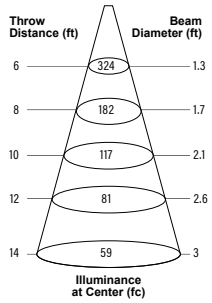
10LM CCT MULTIPLIERS	
	90CRI
2700K	0.96
3000K	1
3500K	1.01
4000K	1.02
FC Formula = CBCP / Distance	

15D
16° WITH NO LENS



WATTS: 12.1	LPW: 81.2
LUMENS: 982	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	9769
5	7750
15	942
25	155
35	19
45	0

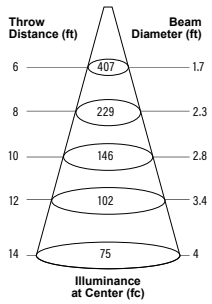
10D
12° WITH NO LENS



WATTS: 10.9	LPW: 68.4
LUMENS: 745	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	11652
5	7292
15	529
25	104
35	11
45	0

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

15D
16° WITH NO LENS



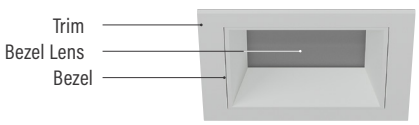
WATTS: 19	LPW: 77.4
LUMENS: 1471	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	14634
5	11609
15	1412
25	232
35	29
45	0

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM/BEZEL COLORS



WH



MC



BK

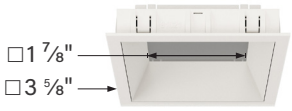


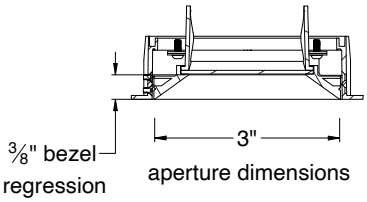
BZ

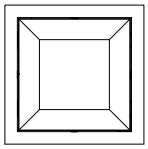


CC

TRIMMED

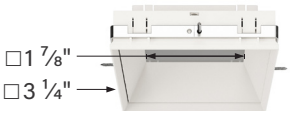


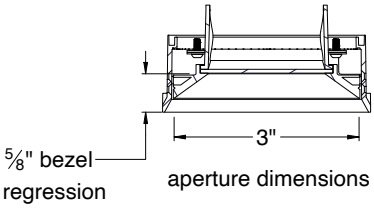


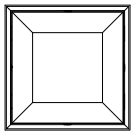


ceiling cutout
3 1/4" square
ceiling thickness
1/8" to 1 1/4"

MILLWORK

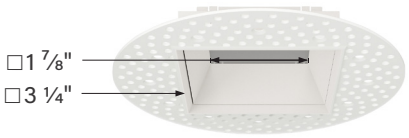


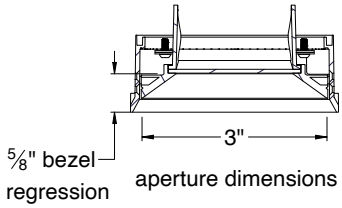


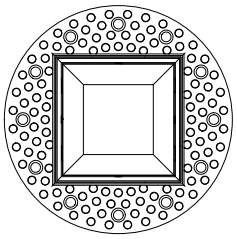


ceiling cutout
3 9/32" square
ceiling thickness
1/2" to 1 1/4"

TRIMLESS







ceiling cutout
3 1/2" square
ceiling thickness
3/8" to 1 1/4"

THICK CEILING FIXTURE INFO		
TILT	ROTATION	CEILING THICKNESS
0° - 20°	60°	1-1/4" to 1-7/8"

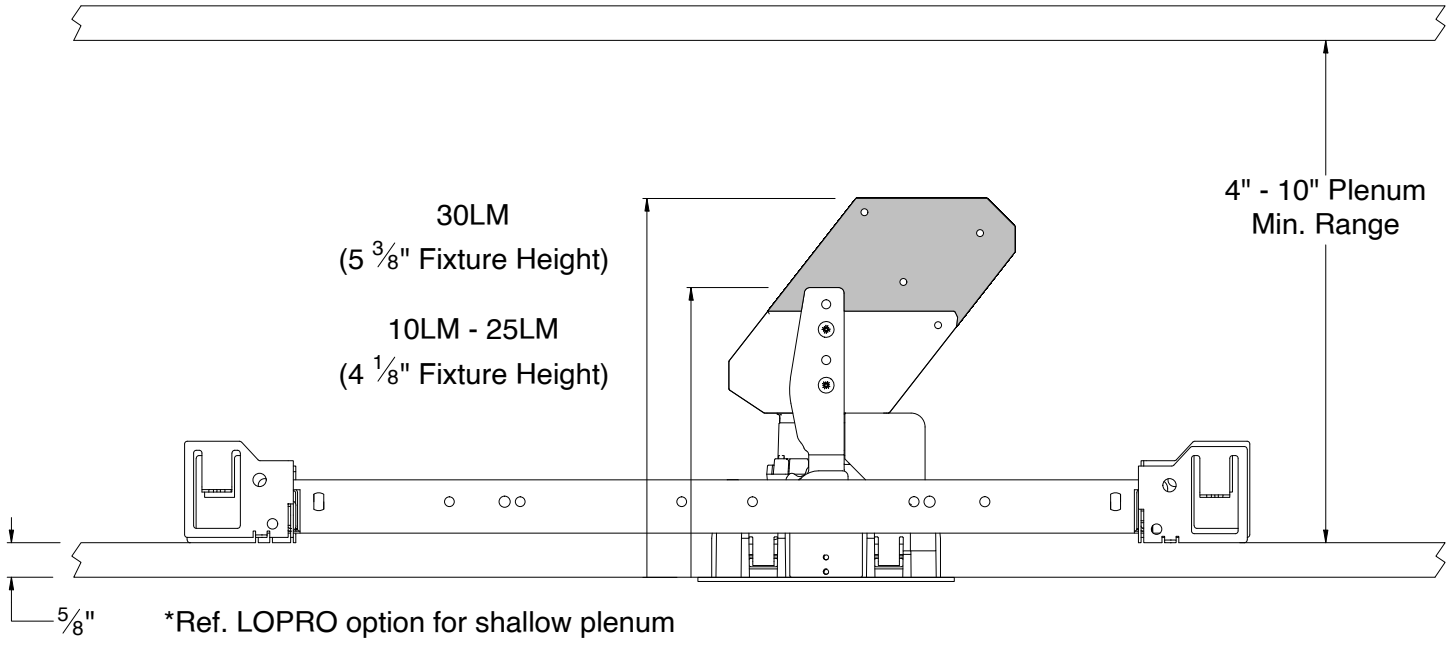
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

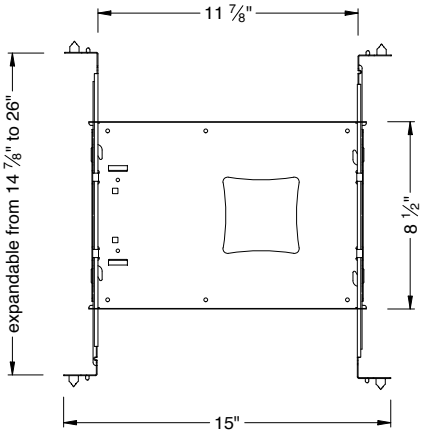
RATINGS / CERTIFICATIONS	NC	RET	IC	ICAT	CP
TYPE NON-IC	✔	✔			
TYPE IC			✔	✔	
CHICAGO PLENUM (CCEA)					✔
SUITABLE FOR AIR HANDLING PLENUMS	✔	✔	✔	✔	✔
REDUCED AIRFLOW (WITH LENS) ASTM E283	✔	✔	✔	✔	✔

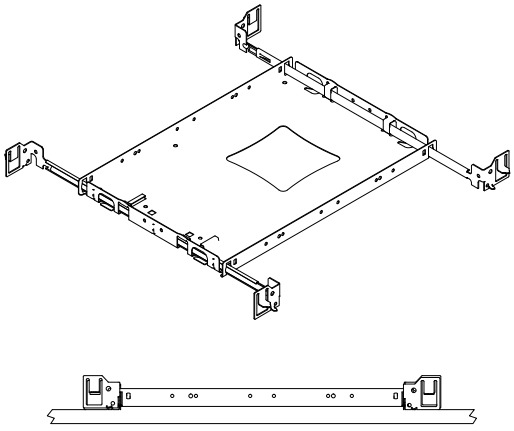
MOUNTING TYPE	STANDARD CEILING THICKNESS	THICK CEILING THICKNESS
TRIM	1/8" to 1-¼"	1-¼" to 1-⅞"
TRIMLESS	3/8" to 1-¼"	1-¼" to 1-⅞"
MILLWORK (TRIMLESS)	1/2" to 1-¼"	1-¼" to 1-⅞"

PLENUM HEIGHT



NEW CONSTRUCTION - NC



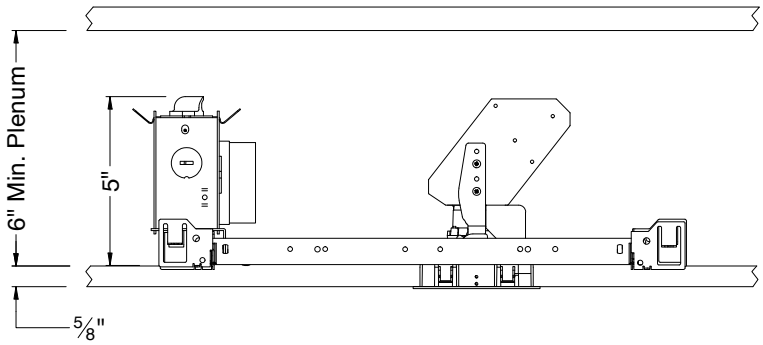


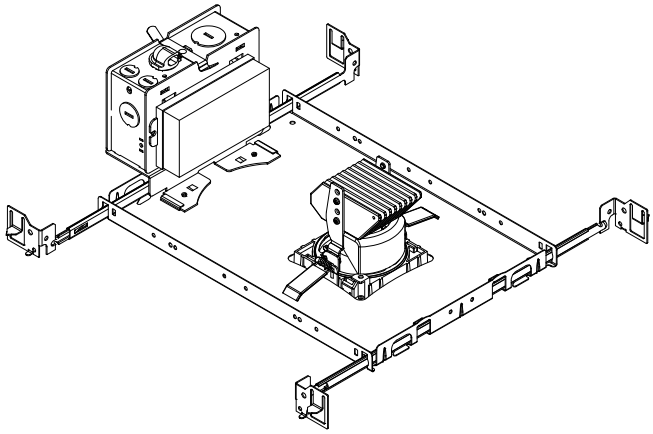
ADDITIONAL MOUNTING INFO	
New Construction Bar Hangers (included)	Mounting Length: 14-¾" to 26"
Extension Kit p/n: K20266 (ordered separately, 1 per fixture)	*Extends a pair of Bar Hangers* Total Mounting Length: 29" to 48"

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

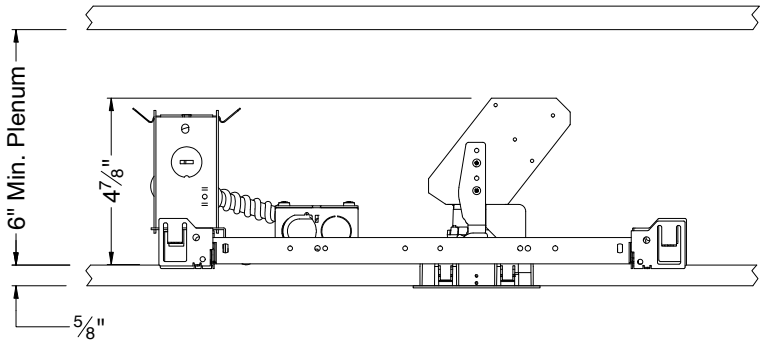
MOUNTING OPTIONS

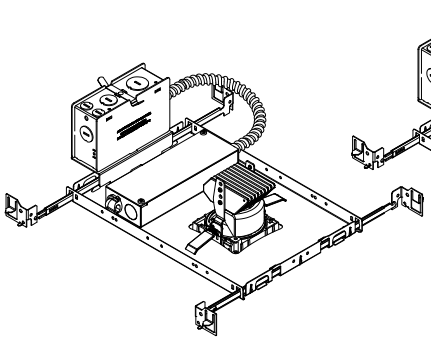
10LM - 30LM (DIM10 / DIM10Z / DALI / DALIZ)
(BELOW CEILING ACCESSIBLE)



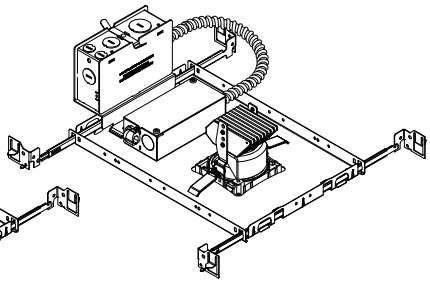


10LM - 30LM (ELV1)
10LM - 20LM (BDIM10 / LUTP)
(BELOW CEILING ACCESSIBLE)





LUTP

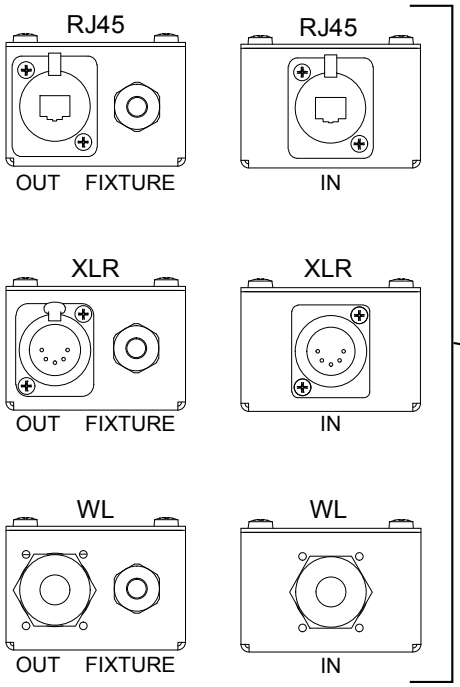


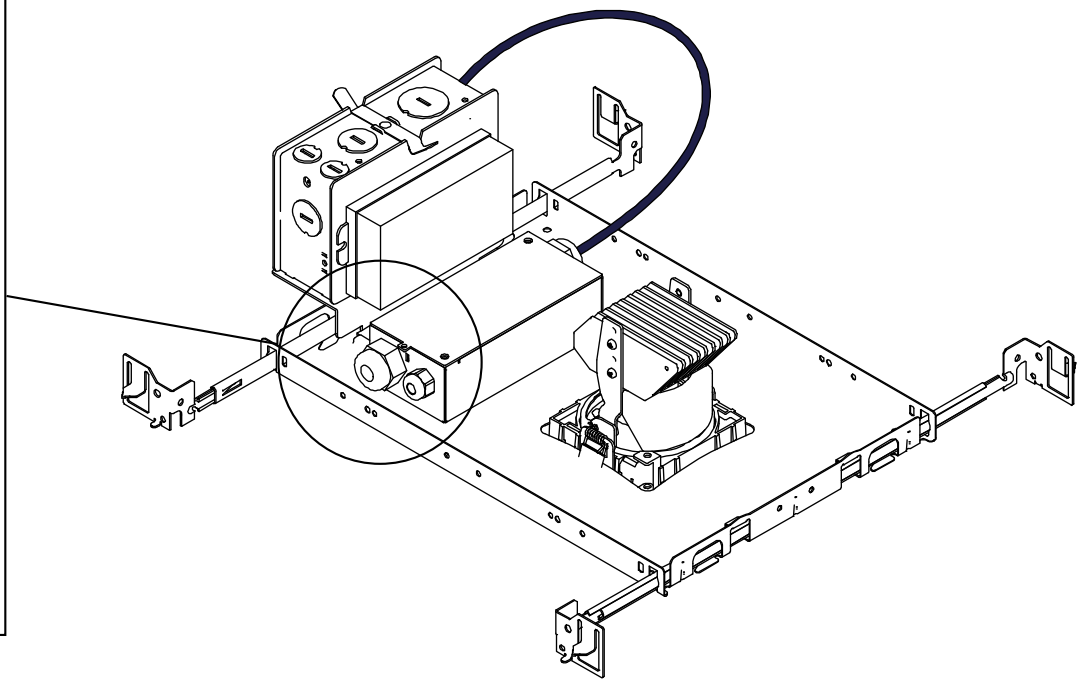
ELV1 / BDIM10

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

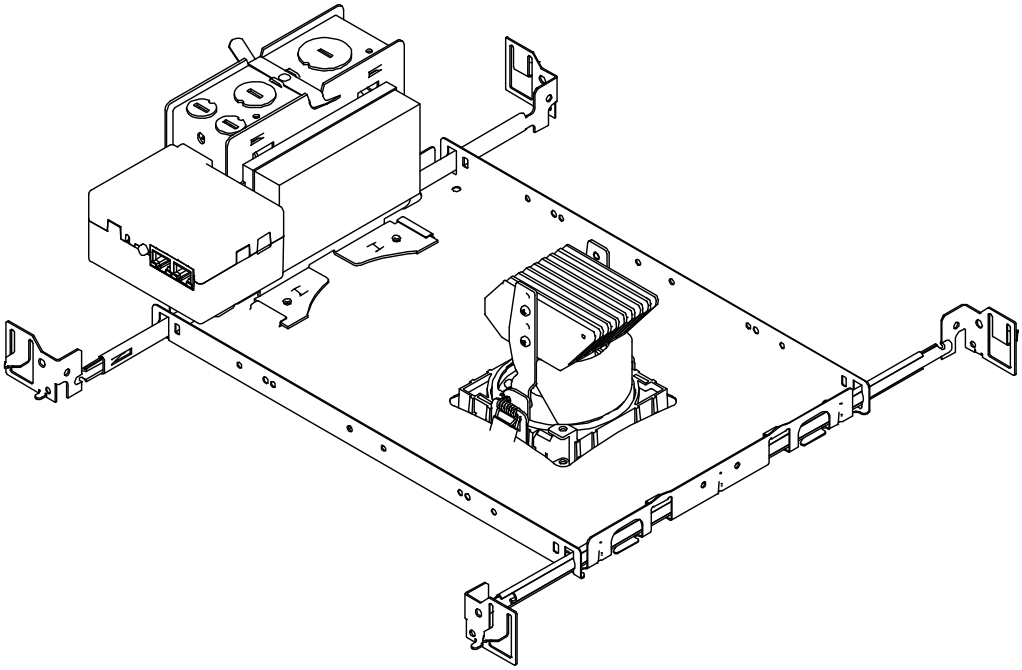
MOUNTING OPTIONS

10LM - 30LM (DMXZ)
(BELOW CEILING ACCESSIBLE)





10LM - 30LM (NLT)
(ABOVE CEILING ACCESS REQUIRED)

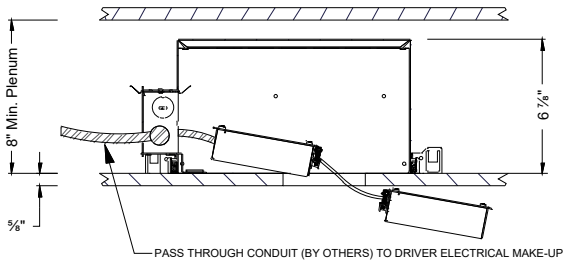


PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

IC - INSULATION CONTACT | ICAT - INSULATION CONTACT / AIR TIGHT | CP - CHICAGO PLENUM
(DIM10 / BDIM10 / DIM10Z / DALI / DALIZ / LUTP / ELV1 / ND)

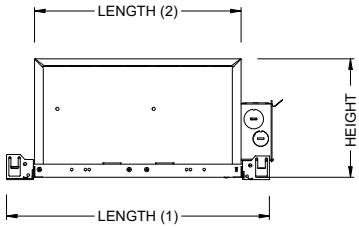
(BELOW CEILING ACCESSIBLE)

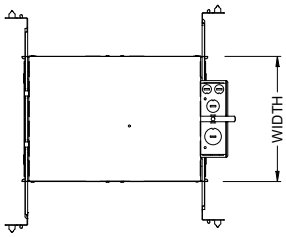


PASS THROUGH CONDUIT (BY OTHERS) TO DRIVER ELECTRICAL MAKE-UP BOX.

PROVIDE ENOUGH SLACK IN CONDUIT FOR FUTURE BELOW CEILING DRIVER SERVICEABLITY.

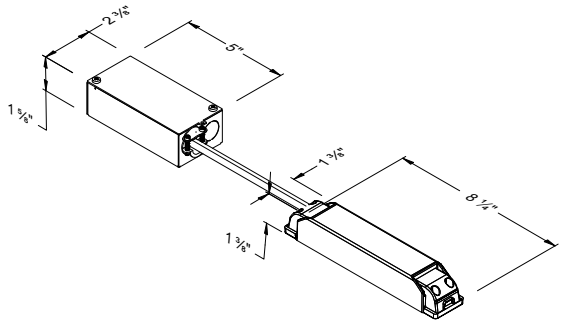
FOR AIRTIGHT, SEAL ALL JOINTS, SEAMS, AND CONDUIT PENETRATIONS WITH 181 UL LISTED ALUMINUM FOIL TAPE (BY OTHERS).





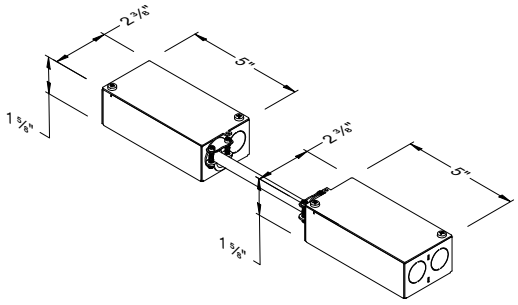
BOX SIZE	L 1	L 2	W	H
A	15 - 7/16"	11 - 3/4"	8 - 1/2"	6 - 3/4"

(DIM10 / DIM10Z / DALI / DALIZ)



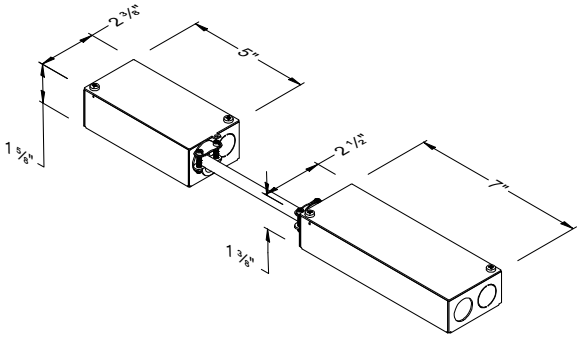
BOX TYPE / LUMEN OUTPUT - STANDARD BEAM (20° - 100°)			
LUMEN OUTPUT	BOX-A		
	CP	IC	ICAT
10LM	✔	✔	✔
15LM	✔	✔	✔
20LM	✔	✔	✔
25LM	✔	✔	✔
30LM			

(BDIM10 / ELV1)



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

(LUTP)

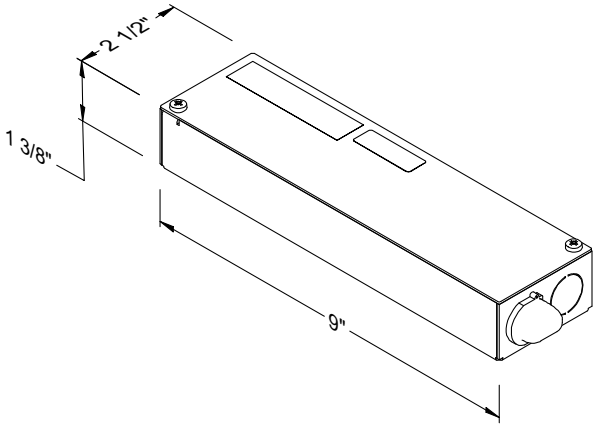


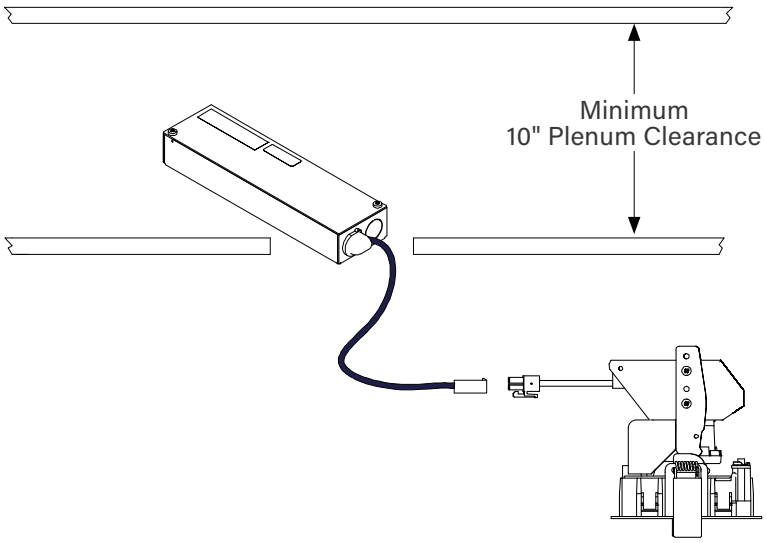
BOX TYPE / LUMEN OUTPUT - NARROW BEAM (10°)			
LUMEN OUTPUT	BOX-A		
	CP	IC	ICAT
10LM			

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

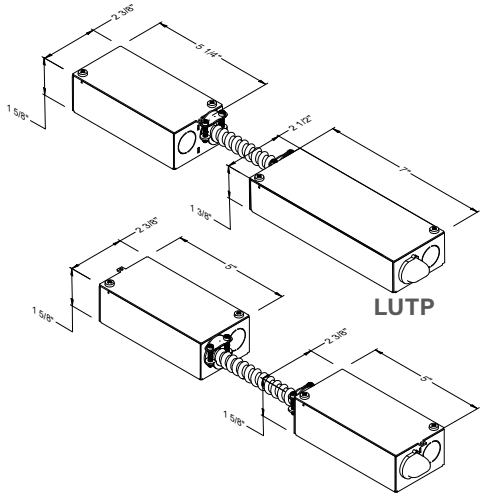
RETRO OPTIONS

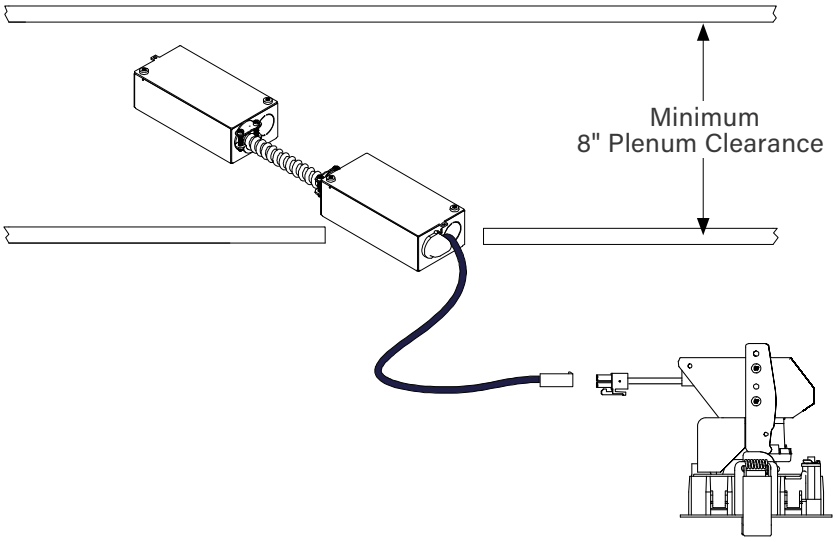
10LM - 30LM (DIM10 / DIM10Z / DALI / DALIZ)

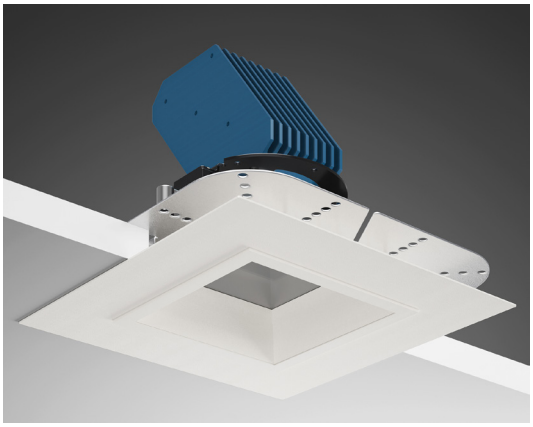




10LM - 30LM (ELV1)
10LM - 20LM (BDIM10 / LUTP)







NU3 SERIES - Goof Ring, Square

PRODUCT	SQUARE CEILING HOLE CUTOUT RANGE[1]	GOOF RING SIZE	ORDERING CODE
NU3-QD NU3-QW	3.38" to 3.88"	AF = 6.0" x 6.0"	GF-3Q-1-XX[2]
NU3-QD NU3-QA NU3-QW	3.89" to 4.5"		GF-3Q-2-XX[3]
	4.51" to 5.0"		GF-3Q-3-XX[3]
	5.01" to 5.5"	AF = 7.0" x 7.0"	GF-3Q-4-XX[3]
	5.51" to 6.0"		GF-3Q-5-XX[3]

1. Choose the appropriate range only if your ceiling cutout measurement falls within that range.
   Example: - If your ceiling cutout is 4.75" inches, choose the range 4.51" to 5.0".
   - If your ceiling cutout is 5.5" inches, choose the range 5.01" to 5.5".
2. Upper goof ring not included.
3. Upper goof ring included.

*XX - Indicates finish color. Only available in WH or BK. Complete ordering code by adding WH or BK to ordering code.
Example: GF-3Q-1-WH
*Accommodates max ceiling thickness up to 1 1/4" for QD, QA and up to 5/8" for QW.

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

LOW VOLTAGE OPTIONS

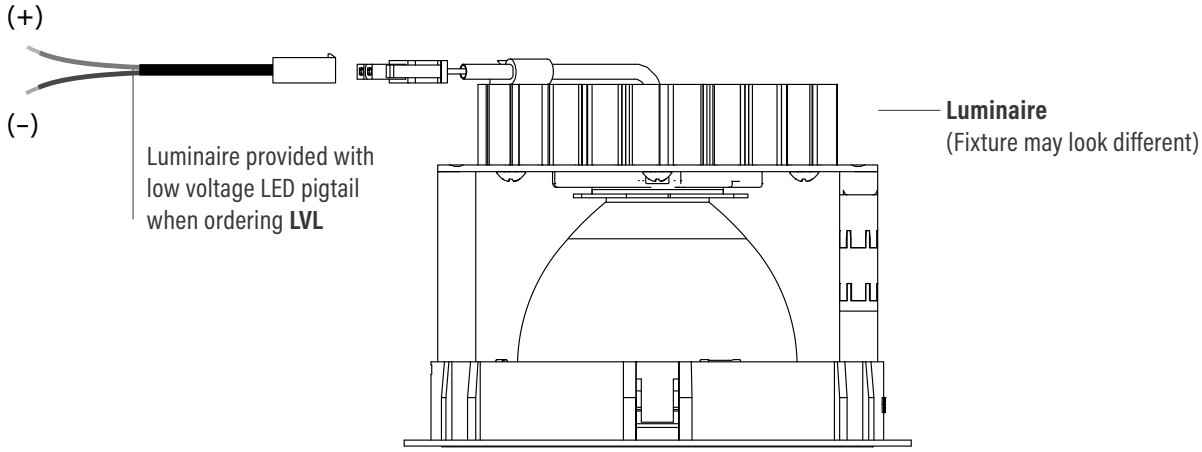
20° - 100° BEAM (Note: Specifications are subject to change without notice)			
9mm COB PERFORMANCE DATA			
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	DRIVE CURRENT	LED WATTAGE
10LM	930LM @30K/90CRI	200mA	7.5W
15LM	1480LM @30K/90CRI	325mA	12W
20LM	2010LM @30K/90CRI	450mA	16.5W
25LM	2470LM @30K/90CRI	575mA	21W
30LM	3040LM @30K/90CRI	750mA	27W
Notes	Delivered lumens based on 50D 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 15D optic with no lens (see page 2)		

10° BEAM (Note: Specifications are subject to change without notice)			
4.5mm COB PERFORMANCE DATA			
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	DRIVE CURRENT	LED WATTAGE
10LM	740LM @30K/90CRI	225mA	8.5W
Notes	Delivered lumens based on 10D optic with no lens (see page 2)		

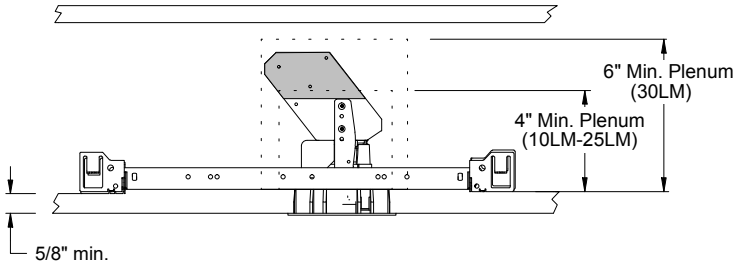
NOMINAL LED VOLTAGE: 36VDC

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

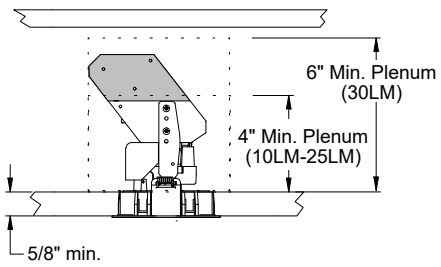


PLENUM HEIGHT

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



(RET-LVL-ND) REMOTE DX PANEL RETRO



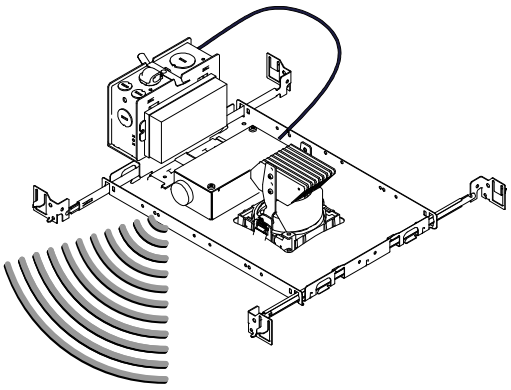
**Ref. DX panel specification sheet for remote driver options.*

alphabet

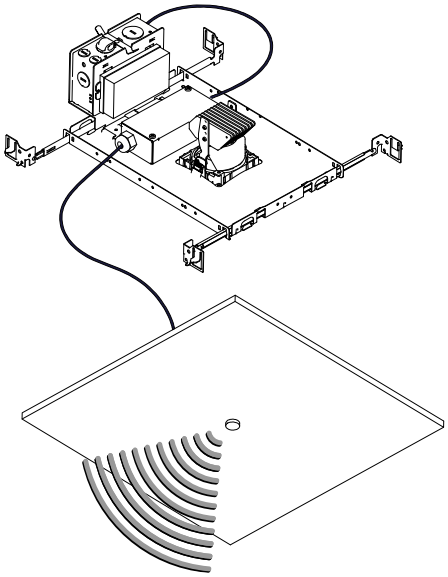
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

WIRELESS OPTIONS

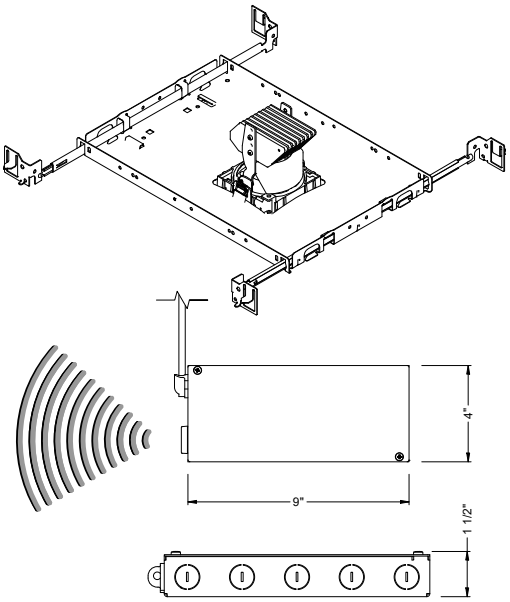
NC - NEW CONSTRUCTION
PLENUM SIDE



NC - NEW CONSTRUCTION
R CEILING SIDE

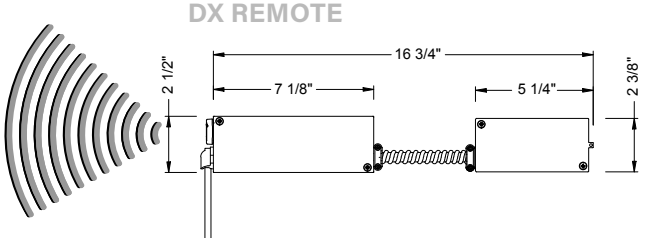


NC - NEW CONSTRUCTION
DX REMOTE



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.

RET - RETRO 10LM - 20LM
DX REMOTE

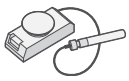


YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
NU3 - TSA - SW - 20LM - 30K - 90 - 25D - NL - WH - WH - NC - UNV - AWN
NU3 - TSA - SW - 20LM - 30K - 90 - 25D - NL - WH - WH - NC - LVL - AWN - DX

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
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

101522

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

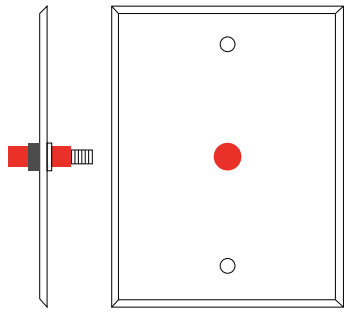
BATTERY OPTIONS

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 Luminaires.

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.

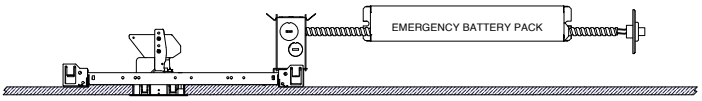
REMOTE LOCATION
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



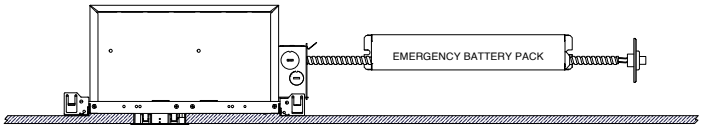
Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 30LM)	750LM	1010LM	1200LM
Notes : Based on 30K, 90CRI			

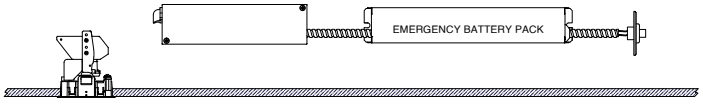
NC - NEW CONSTRUCTION
WITH EM BATTERY (REMOTE TEST SWITCH)



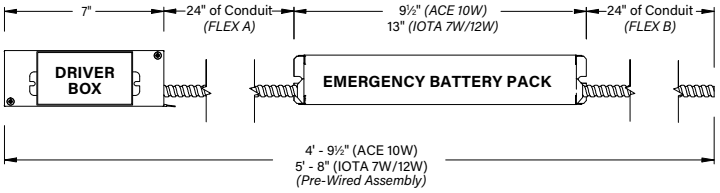
IC / ICAT / CP - INSULATION CONTACT HOUSING
WITH EM BATTERY (REMOTE TEST SWITCH)

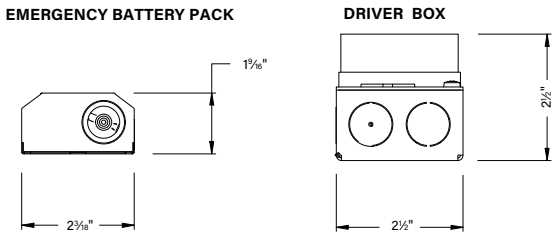


RET - RETROFIT
WITH EM BATTERY (REMOTE TEST SWITCH)



REMOTE BATTERY DIMENSIONS





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.