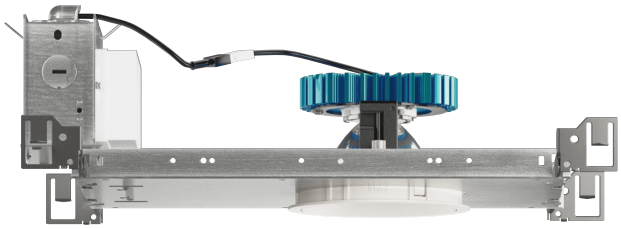
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU4

4" Round Downlight Standard White

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



20° - 110° BEAM (Note: Specifications are subject to change without notice)		
14mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	990LM @30K/90CRI	9W
15LM	1490LM @30K/90CRI	12W
20LM	2095LM @30K/90CRI	17W
25LM	2540LM @30K/90CRI	21W
30LM	3090LM @30K/90CRI	26W
35LM	3590LM @30K/90CRI	31W
40LM	4180LM @30K/90CRI	37W
Notes	Delivered lumens based on 25D optic with no lens, (see page 2)	

12° BEAM (Note: Specifications are subject to change without notice)		
9mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	1000LM @30K/90CRI	9W
15LM	1480LM @30K/90CRI	13W
20LM	1950LM @30K/90CRI	17W
25LM	2480LM @30K/90CRI	23W
30LM	2990LM @30K/90CRI	29W
Notes	Delivered lumens based on 12D optic with no lens, (see page 2)	

8° BEAM (Note: Specifications are subject to change without notice)		
6mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	990LM @30K/90CRI	10W
15LM	1470LM @30K/90CRI	16W
20LM	1980LM @30K/90CRI	23W
Notes	Delivered lumens based on 8D optic with no lens, (see page 2)	

FEATURES

- 3/4" bezel regress with 1/16" micro flange
- UGR < 19
- Up to 110 LPW
- 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 0.1%
- Lutron athena wireless node
- Leading & trailing edge (Triac/ELV), dim to 1%
- Nlight control interface dim to 0%
- Wireless control options, dim to 1% (Ref. page 12)

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

LED

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

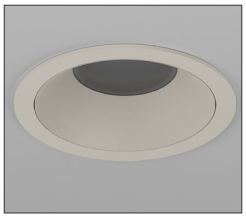
LISTING

- 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
- 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

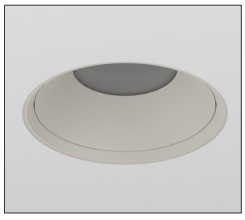
ELECTRICAL

- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote and Integral (ITS) emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)
- Low Voltage Luminaire option, see page 11.

TRIM OPTIONS



Trimmed

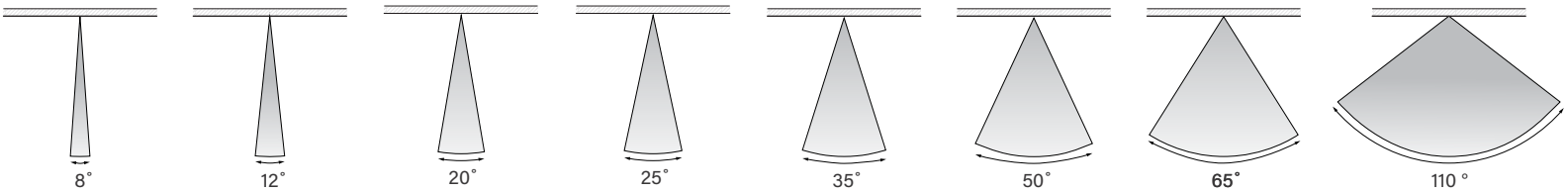


Trimless



Trimless Millwork

BEAM SPREADS



alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

ORDERING CODE

SERIES	**NU4**	NU4	
TYPE	**RD**	round downlight	
	RDT	round downlight trimless	
	RDTMW	round downlight trimless millwork	
LED	**SW**	standard white	
DELIVERED LUMENS	**10LM**	990 lm	
	15LM	1490 lm	
	20LM	2095 lm	
	25LM	2540 lm	
	30LM	3090 lm	
	35LM	3590 lm	
	40LM	4180 lm	
	Standard Configuration: 3000K 90CRI 25D, **NL**		
	Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier] x [Reflector Multiplier]		
CCT	**22K**[1]	2200K	
	24K[1]	2400K	

CCT	2200K	2400K
CRI	90+	90+
CCT MULTIPLIER FOR LUMEN OUTPUT	0.92	1

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

CCT	2700K	3000K	3500K	4000K
CRI	90+	90+	90+	90+
CCT MULTIPLIER FOR LUMEN OUTPUT	.96	1.00	1.01	1.02

CRI	**90**	90 CRI	
OPTIC & LM MULTIPLIER	**8D**[2]	8 degrees	(1.00)
	12D[2]	12 degrees	(1.00)
	20D	20 degrees	(0.99)
	25D	25 degrees	(1.00)
	35D	35 degrees	(0.99)
	50D	50 degrees	(0.99)
	65D	65 degrees	(0.99)
BEZEL LENS	**NL**[3]	no lens	(1.00)
	CL	clear lens	(0.98)
	DL	diffused lens	(0.91)
	E	elliptical beam spread	(0.92)
	HCL[4]	honeycomb louver	(0.85)
	HET	high efficiency textured lens, similar to Solite™	(0.92)
	SBL	smoothing beam lens	(0.92)
	WDL	wide diffused lens*	(0.90)
	*Wide diffusing lens achieves beams ≥ 90° Ref. page 3		
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.		

ORDERING CODE

MOUNTING OPTIONS	**NC**	new construction plate
	IC[6]	insulation contact housing
	ICAT[6]	insulation contact/airtight housing
	CP[6]	chicago plenum housing
	RET	retrofit, no ceiling plate
VOLTAGE	**120**	120V
	UNV	120V-277V
	LVL[7]	low voltage luminaire
DIMMING	**DIM10**	eldoLED flicker free 0-10V dim to 1%
	BDIM10[8]	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[9]	Lutron Hi-Lume Eco (fade) dim to 0.1%
	ELVI[10]	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 12 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

YOUR COMPLETED ORDERING CODE

Follow the steps to specify your fixture, example:

NU4 - RD - SW - 20LM - 35K - 90 - 25D - NL - WH - WH - NC - UNV - DIM10 - EM7

NOTES

1. 22K and 24K available in 10LM/15LM/20LM/25LM
2. 8D available in 10LM/15LM/20LM and 12D available in 10LM/15LM/20LM/25LM/30LM. Not recommended with DL/E/WDL lenses, beam angle increases by 25%.
3. NL option does not meet requirements for AT/DF/WET/NSF listings. Lensing cannot be added in the field.
4. HCL not available with lens.
5. Custom set up fee plus minimum quantity required per color.
6. IC/ICAT/CP not available in 22K&24K 25LM or 8D/20LM or 40LM.
7. Must select ND dimming code, for remote driver or POE specifications see page 11.
8. BDIM10 not 25LM//35LM/40LM
9. LUTP not available in 25LM/30LM/35LM/40LM.
10. 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.

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			

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.UGR calculation based on 15LM fixtures, unless otherwise noted.

HCL
Honeycomb Louver



OPTIC	BEAM ANGLE	UGR
8D	7.8	<10
12D	11.3	<10
20D	17	<10
25D	22.2	<10
35D	32.4	<10
50D	45	<10
65D	52	<10

NL
No Lens



OPTIC	BEAM ANGLE	UGR
8D	7.8	<10
12D	11.9	<10
20D	18	<10
25D	22.8	<10
35D	36	<10
50D	49.2	<10
65D	64.5	<10

CL
Clear Lens



OPTIC	BEAM ANGLE	UGR
8D	7.9	<10
12D	12.1	<10
20D	18	<10
25D	22.8	<10
35D	36	<10
50D	49	<10
65D	65	<10

DL
Diffused Lens



OPTIC	BEAM ANGLE	UGR
20D	39.4	14.8
25D	42.4	15
35D	50.6	16.4
50D	56.7	17
65D	66.7	20.4

HET
High Efficiency Textured Lens



OPTIC	BEAM ANGLE	UGR
8D	14	<10
12D	17	<10
20D	22.5	<10
25D	27	<10
35D	39	<10
50D	49.8	<10
65D	60.4	12.5

WDL
Wide Diffused Lens



OPTIC	BEAM ANGLE	UGR
20D	91	22.3
25D	93	22.6
35D	100	23.7
50D	105	24.8
65D	110	25.9

SBL
Smoothing Beam Lens



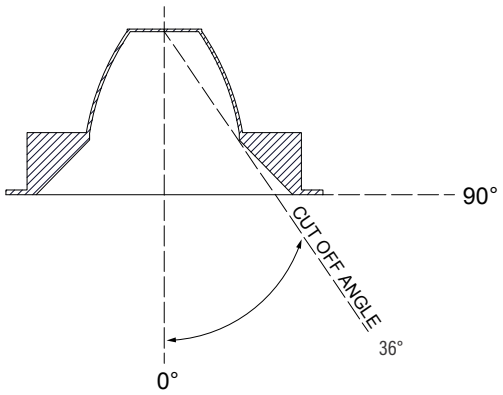
OPTIC	BEAM ANGLE	UGR
8D	10	<10
12D	13.2	<10
20D	19.3	<10
25D	24.3	<10
35D	37	<10
50D	51	<10
65D	62	<10

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 of NL and CL is 36 degrees;



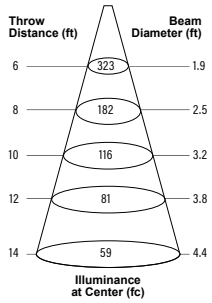
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA

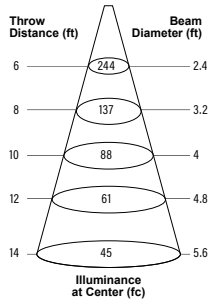
20LM CCT MULTIPLIERS	
	90CRI
2700K	0.96
3000K	1
3500K	1.01
4000K	1.02
FC Formula = CBCP / Distance	

20D 18° NO LENS



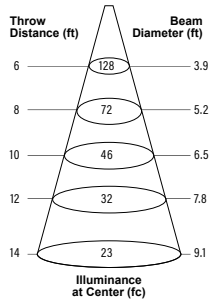
WATTS: 17.2	LPW: 121.4
LUMENS: 2088	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	11622
5	10517
15	2170
25	862
35	401
45	3

25D 23° NO LENS



WATTS: 17.2	LPW: 122.1
LUMENS: 2099	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	8779
5	7589
15	2759
25	940
35	372
45	2

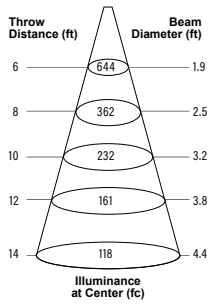
35D 36° NO LENS



WATTS: 17.2	LPW: 120.6
LUMENS: 2074	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	4594
5	4283
15	2845
25	1317
35	435
45	10

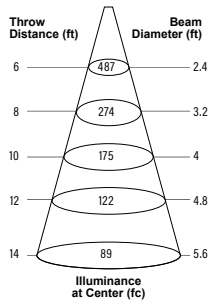
40LM CCT MULTIPLIERS	
	90CRI
2700K	0.96
3000K	1
3500K	1.01
4000K	1.02
FC Formula = CBCP / Distance	

20D 18° NO LENS



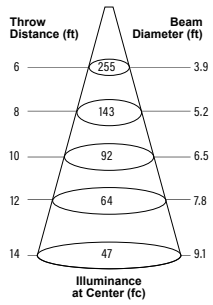
WATTS: 37.3	LPW: 111.7
LUMENS: 4165	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	23188
5	20984
15	4329
25	1719
35	799
45	5

25D 23° NO LENS



WATTS: 37.3	LPW: 112.3
LUMENS: 4189	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	17516
5	15142
15	5504
25	1876
35	742
45	4

35D 36° NO LENS



WATTS: 37.3	LPW: 110.9
LUMENS: 4138	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	9166
5	8545
15	5676
25	2627
35	868
45	19

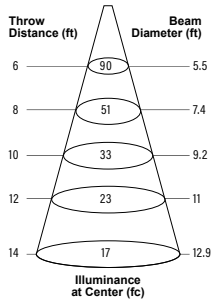
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

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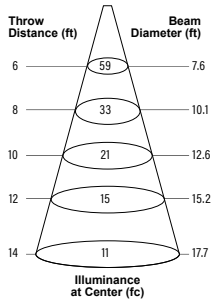
20LM CCT MULTIPLIERS	
	90CRI
2700K	0.96
3000K	1
3500K	1.01
4000K	1.02
FC Formula = CBCP / Distance	

50D
49° NO LENS



WATTS: 17.2	LPW: 121.2
LUMENS: 2085	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	3253
5	3231
15	2606
25	1591
35	450
45	13

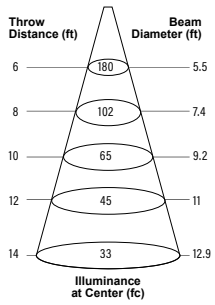
65D
65° NO LENS



WATTS: 17.2	LPW: 120.9
LUMENS: 2080	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	2103
5	2101
15	1990
25	1520
35	779
45	144

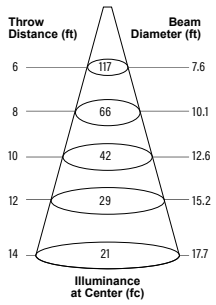
40LM CCT MULTIPLIERS	
	90CRI
2700K	0.96
3000K	1
3500K	1.01
4000K	1.02
FC Formula = CBCP / Distance	

50D
49° NO LENS



WATTS: 37.3	LPW: 111.5
LUMENS: 4160	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	6491
5	6446
15	5200
25	3175
35	898
45	25

65D
65° NO LENS



WATTS: 37.3	LPW: 111.2
LUMENS: 4150	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	4195
5	4191
15	3971
25	3033
35	1555
45	288

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

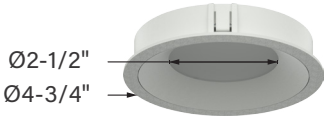
TRIM OPTIONS

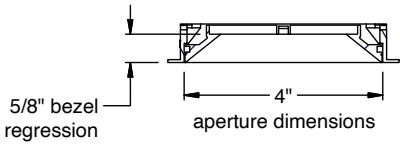
TRIM/BEZEL COLORS

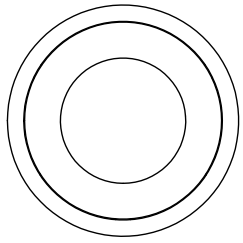


WH MC BK BZ CC

TRIMMED

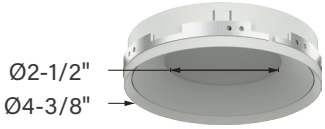


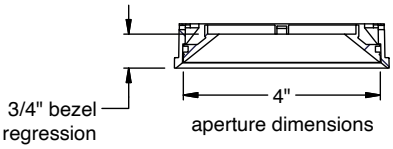


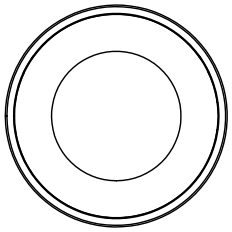


ceiling cutout
4-3/8" diameter
ceiling thickness
1/8" to 1 5/8"

MILLWORK

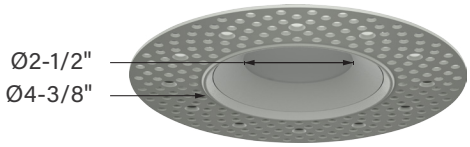


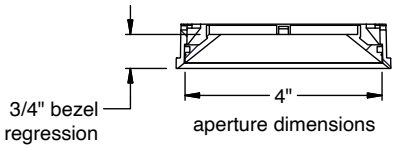


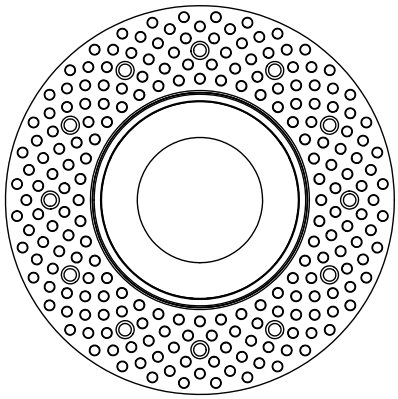


ceiling cutout
4-3/8" diameter
ceiling thickness
1/2" to 1 3/4"

TRIMLESS







ceiling cutout
4-1/2" diameter
ceiling thickness
3/8" to 1 3/4"

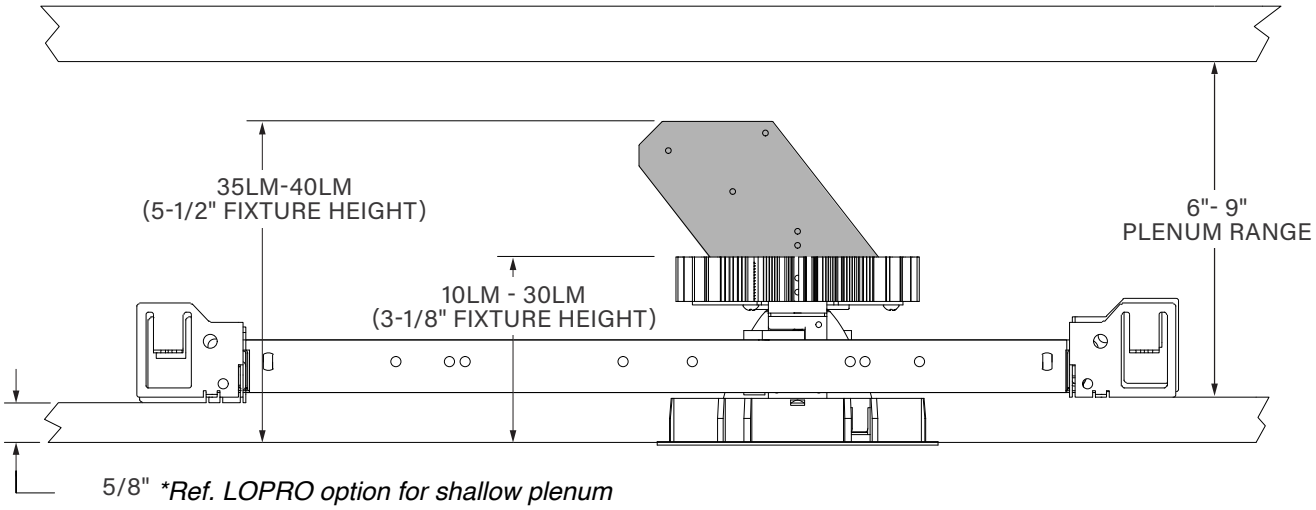
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

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	✔	✔	✔	✔	✔

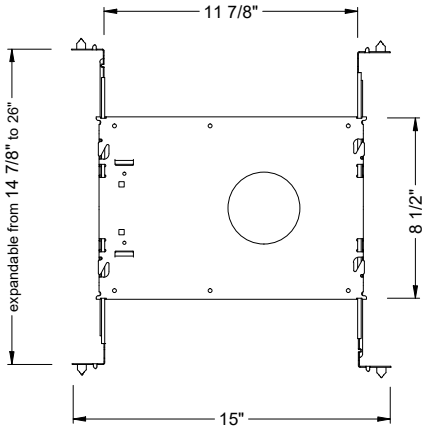
MOUNTING TYPE	STANDARD CEILING THICKNESS	STANDARD CEILING CUTOUT
TRIM	1/8" to 1-5/8"	4-3/8" diameter
TRIMLESS	3/8" to 1-3/4"	4-1/2" diameter
MILLWORK (TRIMLESS)	1/2" to 1-3/4"	4-3/8" diameter

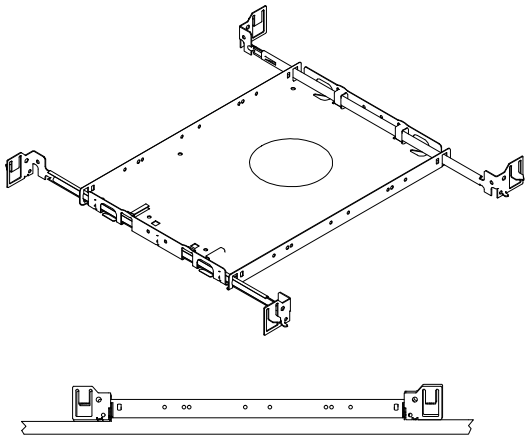
PLENUM HEIGHT



**Ref. LOPRO option for shallow plenum*

NEW CONSTRUCTION - NC



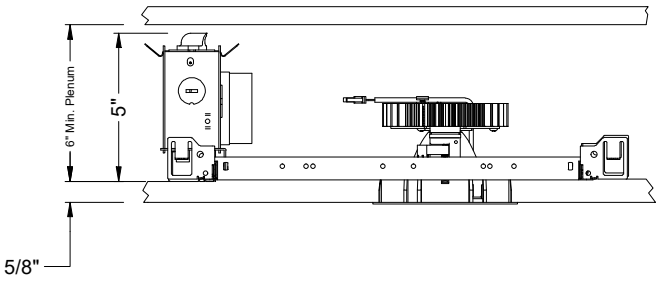


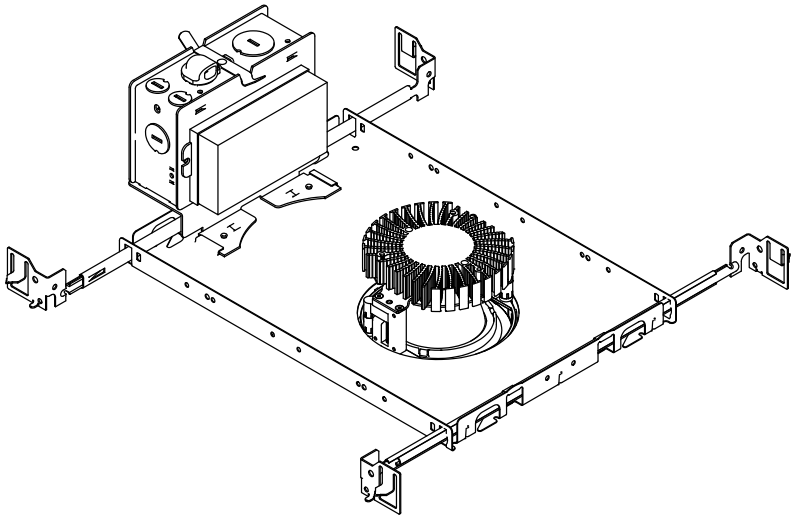
ADDITIONAL MOUNTING INFO	
New Construction Bar Hangers (included)	Mounting Length: 14-3/4" to 26"
Extension Kit p/n: K20266 (ordered separately, 1 per fixture)	*Extends a pair of Bar Hangers* Total Mounting Length: 29" to 48"

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

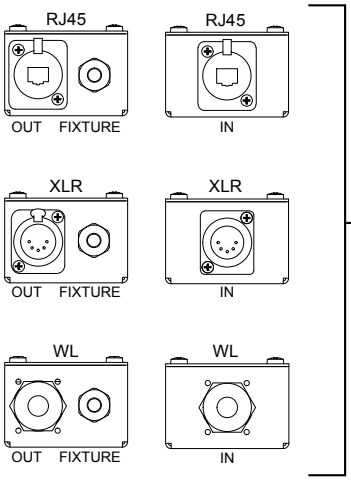
MOUNTING OPTIONS

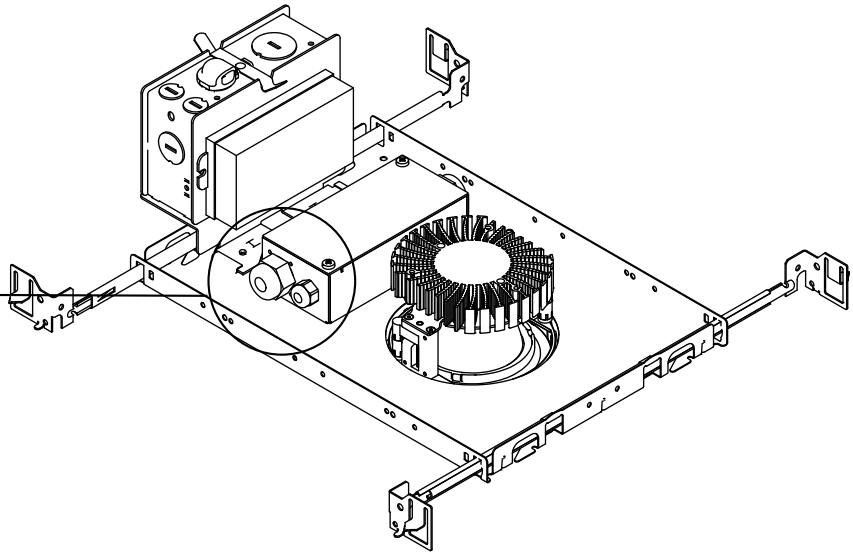
10LM-40LM (DIM10 / BDIM10 / DIM10Z / DALI / DALIZ / ELV1 / LUTP)





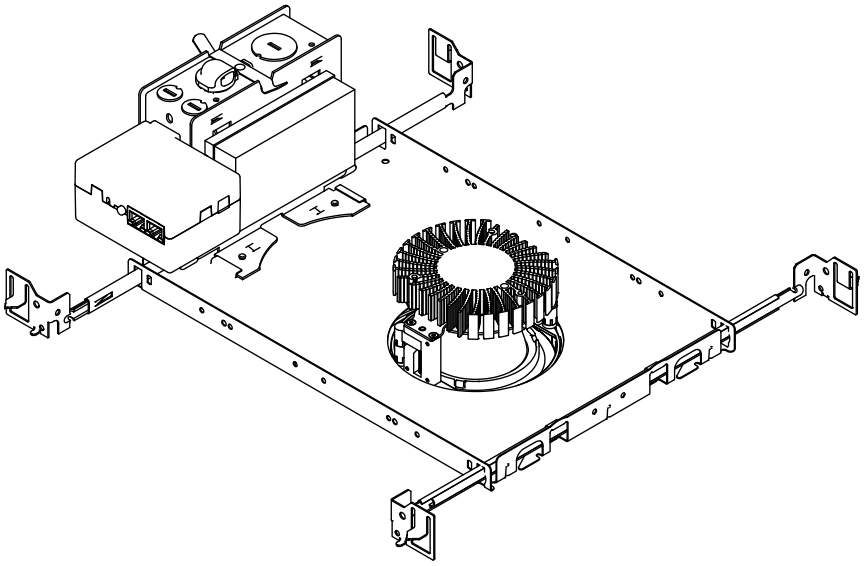
10LM-40LM (DMXZ)





10LM-40LM NLT HOUSING - (NLT)

(ABOVE CEILING ACCESS REQUIRED)

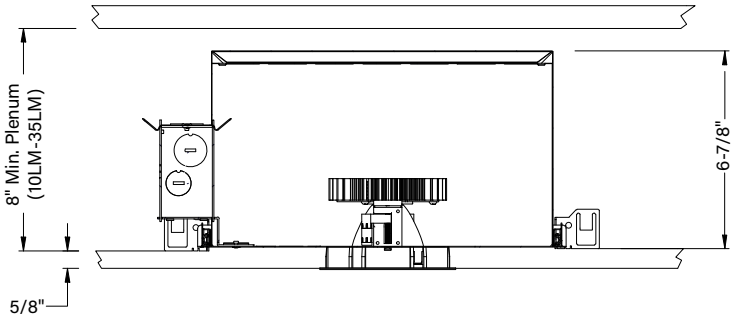


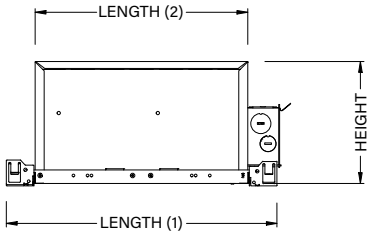
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

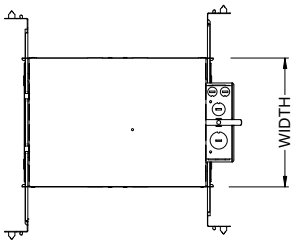
MOUNTING OPTIONS

IC - INSULATION CONTACT | ICAT - INSULATION CONTACT / AIR TIGHT | CP - CHICAGO PLENUM

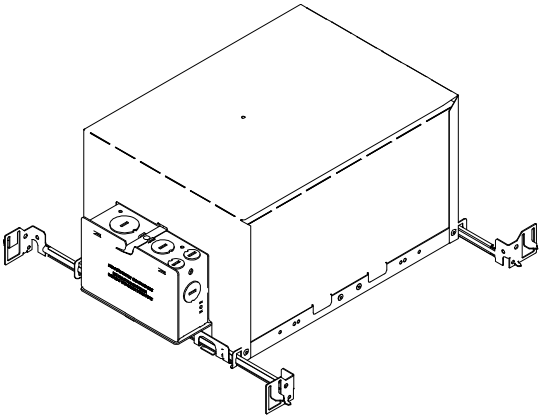
(DIM10 / BDIM10 / DIM10Z / DALI / DALIZ / LUTP / ELV1 / ND)







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 - STANDARD BEAM (20°-110°)			
LUMEN OUTPUT	BOX-A		
	CP	IC	ICAT
10LM	✔	✔	✔
15LM	✔	✔	✔
20LM	✔	✔	✔
25LM	✔	✔	✔
30LM	✔	✔	✔
35LM	✔	✔	✔
40LM			

BOX TYPE / LUMEN OUTPUT - STANDARD BEAM (12°)			
LUMEN OUTPUT	BOX-A		
	CP	IC	ICAT
10LM	✔	✔	✔
15LM	✔	✔	✔
20LM	✔	✔	✔
25LM	✔	✔	✔
30LM			

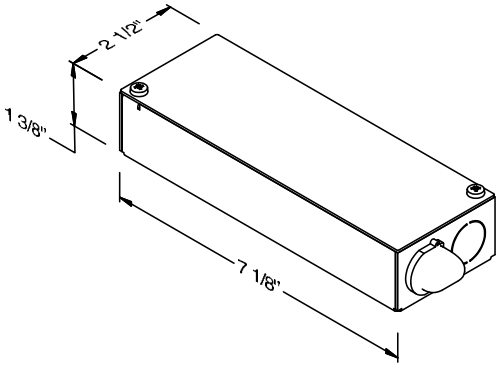
BOX TYPE / LUMEN OUTPUT - STANDARD BEAM (8°)			
LUMEN OUTPUT	BOX-A		
	CP	IC	ICAT
10LM	✔	✔	✔
15LM	✔	✔	✔
20LM			

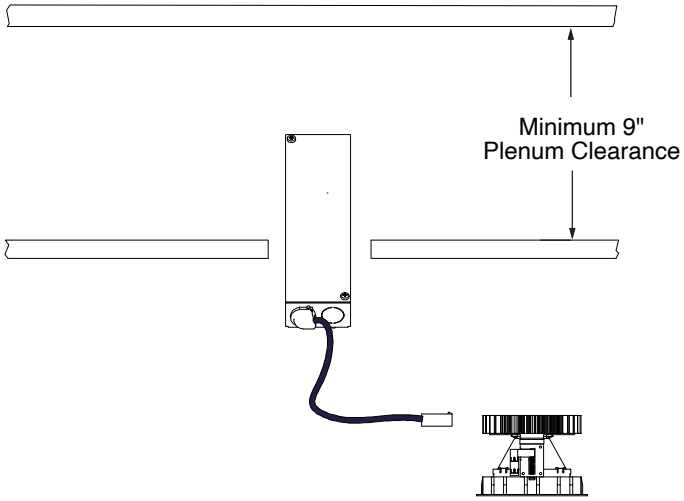
SPRAY FOAM R60 RATED	
LUMEN OUTPUT	BOX-A
10LM	✔
15LM	✔

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

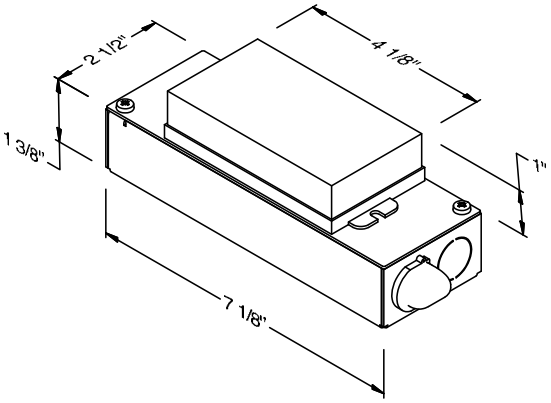
RETRO OPTIONS

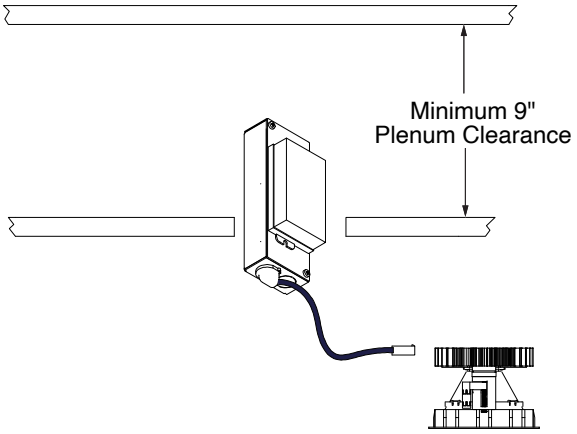
10LM - 40LM (ELV1 / BDIM10 / LUTP)

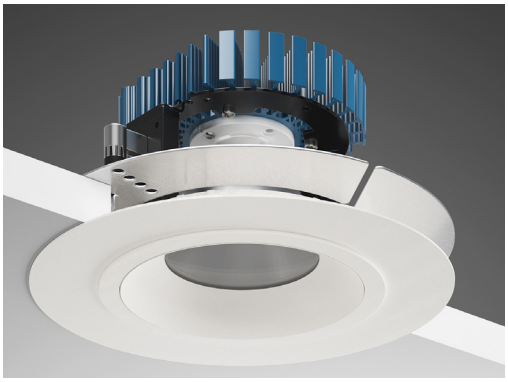




10LM - 40LM (DIM10 / DIM10Z / DALI / DALIZ)







NU4 SERIES - Goof Ring, Round

PRODUCT	ROUND CEILING HOLE CUTOUT RANGE[1]	GOOF RING SIZE	ORDERING CODE
NU4-RD NU4-RA NU4-RW	4.38" to 4.88"	OD = 7.0"	GF-4R-1-XX[2]
	4.89" to 5.5"		GF-4R-2-XX[3]
	5.51" to 6.0"		GF-4R-3-XX[3]
	6.01" to 6.5"	OD = 8.0"	GF-4R-4-XX[3]
	6.51" to 7.0"		GF-4R-5-XX[3]

1. Choose the appropriate range only if your ceiling cutout measurement falls within that range.
   Example: - If your ceiling cutout is 5.75" inches, choose the range 5.51" to 6.0".
   - If your ceiling cutout is 6.5" inches, choose the range 6.01" to 6.5".
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-4R-1-WH
*Accommodates max ceiling thickness up to 1 1/4".

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

LOW VOLTAGE OPTIONS

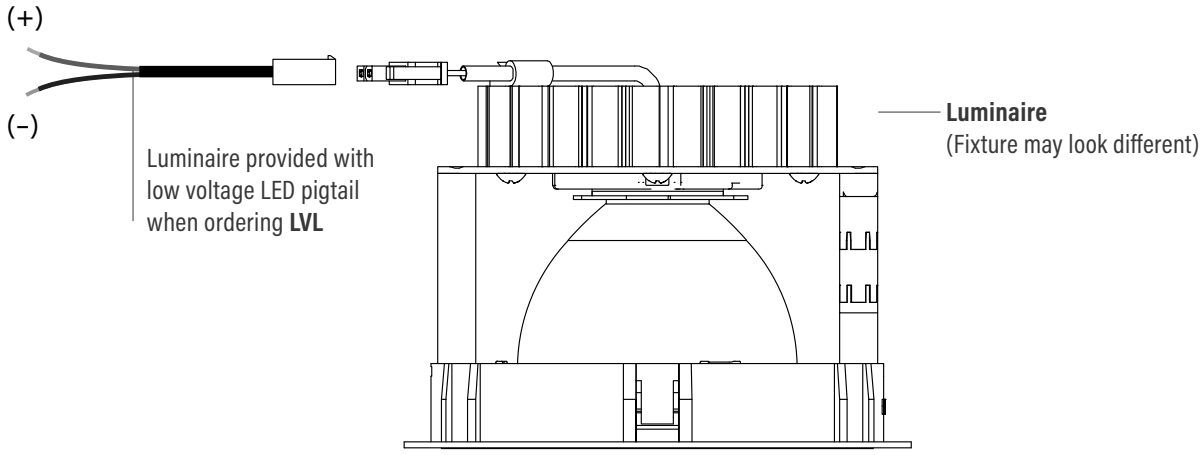
20° - 110° BEAM (Note: Specifications are subject to change without notice)			
14mm COB PERFORMANCE DATA			
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	DRIVE CURRENT	LED WATTAGE
10LM	990LM @30K/90CRI	200mA	7.5W
15LM	1490LM @30K/90CRI	300mA	11W
20LM	2095LM @30K/90CRI	425mA	15.5W
25LM	2540LM @30K/90CRI	525mA	19W
30LM	3090LM @30K/90CRI	650mA	23.5W
35LM	3590LM @30K/90CRI	750mA	27W
40LM	4180LM @30K/90CRI	900mA	32.5W
Notes	Delivered lumens based on 25D optic with no lens, (see page 2)		

12° BEAM (Note: Specifications are subject to change without notice)			
9mm COB PERFORMANCE DATA			
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	DRIVE CURRENT	LED WATTAGE
10LM	1000LM @30K/90CRI	200mA	7.5W
15LM	1480LM @30K/90CRI	300mA	11W
20LM	1950LM @30K/90CRI	400mA	14.5W
25LM	2480LM @30K/90CRI	525mA	19W
30LM	2990LM @30K/90CRI	650mA	23.5W
Notes	Delivered lumens based on 12D optic with no lens, (see page 2)		

8° BEAM (Note: Specifications are subject to change without notice)			
6mm COB PERFORMANCE DATA			
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	DRIVE CURRENT	LED WATTAGE
10LM	990LM @30K/90CRI	225mA	8.5W
15LM	1470LM @30K/90CRI	350mA	13W
20LM	1980LM @30K/90CRI	500mA	18W
Notes	Delivered lumens based on 8D optic with no lens, (see page 2)		

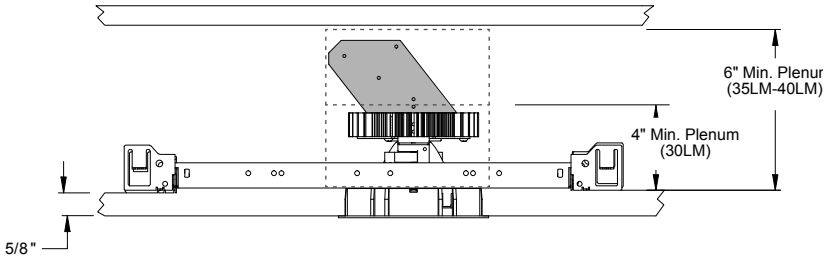
NOMINAL LED VOLTAGE: 36VDC

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

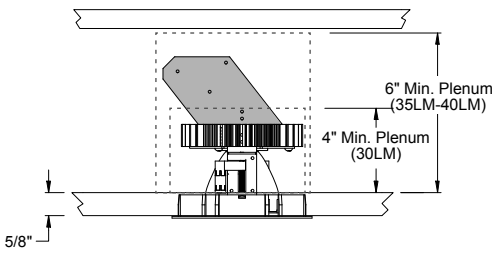


PLENUM HEIGHT

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



(RET-LVL-ND) REMOTE DX PANEL RETRO



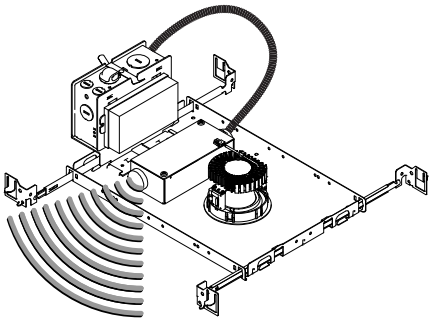
**Ref. DX panel specification sheet for remote driver options.*

alphabet

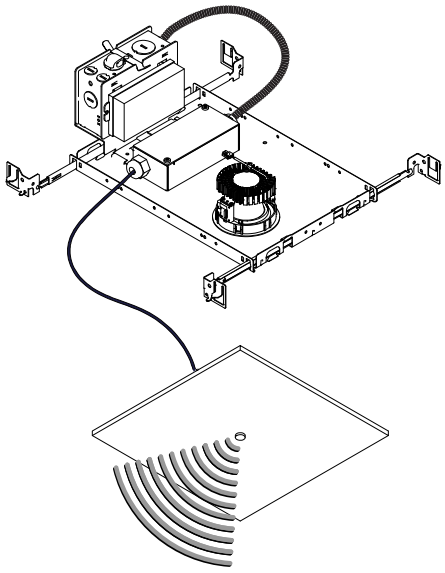
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

WIRELESS OPTIONS

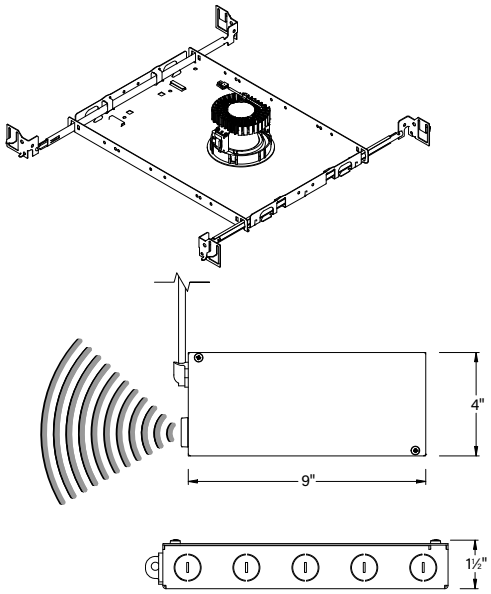
NC - NEW CONSTRUCTION
PLENUM SIDE



NC - NEW CONSTRUCTION
R CEILING SIDE

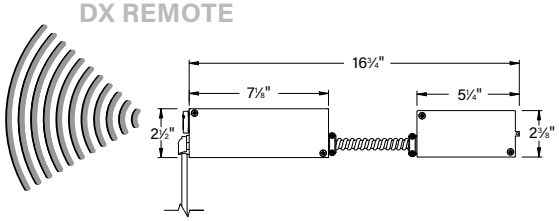


NC - NEW CONSTRUCTION
DX REMOTE



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

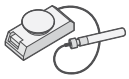


YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
NU4 - RD - SW - 20LM - 35K - 90 - 25D - NL - WH - WH - NC - UNV - DIM10 - AWN
NU4 - RD - SW - 20LM - 35K - 90 - 25D - NL - WH - WH - NC - LVL - DIM10 - AWN - DX

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
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

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

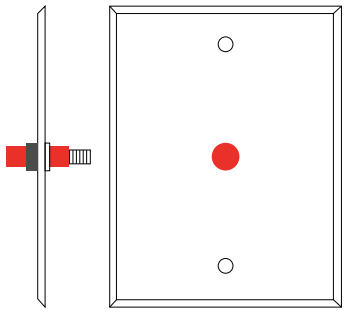
BATTERY OPTIONS

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.

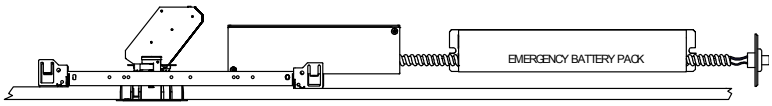
REMOTE LOCATION
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



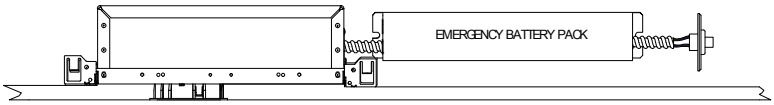
Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 40LM)	870LM	1250LM	1490LM
Notes Based on 30K 90CRI			

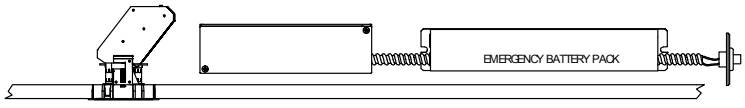
NC - NEW CONSTRUCTION
WITH EM BATTERY (REMOTE TEST SWITCH)



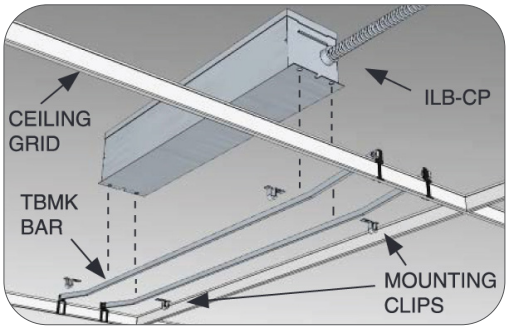
IC / ICAT / CP - INSULATION CONTACT HOUSING
WITH EM BATTERY (REMOTE TEST SWITCH)



RET - RETROFIT
WITH EM BATTERY (REMOTE TEST SWITCH)



Accessory
76066 Optional T-Grid Mounting Kit[1]



1. Can be used with any of the Emergency Battery Backups. Must be ordered as a separate line item.