alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU4 CORE

4" Round Wall Wash - SELECT

NSF · AT airtight · PR plenum rated · wet rated



WW BEAM (Note: Specifications are subject to change without notice)		
COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	1130LM @30K/90CRI	10W
15LM	1600LM @30K/90CRI	15W
20LM	1990LM @30K/90CRI	20W
25LM	2300LM @30K/90CRI	24W
Notes	Delivered lumens based on wall wash optic, (see page 2)	

FEATURES

- Economical choice for budget projects
- Thermally optimized for LED longevity
- Configurable to wattage and light source CCT preference
- Below ceiling accessible, snap-in driver method

DIMMING AND CONTROLS

- 5 CCT selectable: 2700/3000K/3500K/4000K/5000K
- 3 Wattage selectable: 10W/15W/20W or 15W/20W/25W
- 0-10V dimming to 3%
- Leading & trailing edge (Triac/ELV) dimming to 3%

CONSTRUCTION

- Die casted aluminum heat sink
- Aluminum trim / bezel
- Easy mounting system to adjust to various ceiling thicknesses
- **CUTOUT DIMENSION:**
  Trimmed Round: 4-7/8"

LED

- 90 CRI: SDCM 3-step MacAdam Ellipse, lumen maintenance: L_{70} >50K hours

LISTING

- ULus Listed to UL1598; cUL Listed CSA C22.2 #250.0
- JA8 certified
- Energy Star
- 5 Year Limited warranty

ELECTRICAL

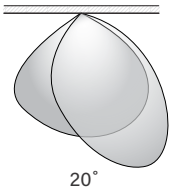
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- Remote emergency test switch
- 25W EM 90 min battery, 120/277VAC input (CEC Title 20), dual flex, 0-10V compatible
- Max. ambient installation temperature 95°F (35°C)

TRIM OPTIONS



Trimmed

BEAM SPREADS



20˚

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

ORDERING CODE		
SERIES	NUC4	NU4 Core
TYPE	RW	round wall wash
LED	SW	standard white
DELIVERED LUMENS	3PW1[1]	selectable wattage:10W, 15W, 20W
	3PW2[1]	selectable wattage: 15W, 20W, 25W
	Standard Configuration: 3000K, 90CRI **Calculated Delivered Lumens =** [Delivered Lumen Value] x [CCT Multiplier]	
CCT	5CCT	selectable CCT: 2700/3000K/3500K/4000K/5000K

CCT	2700K	3000K	3500K	4000K	5000K
CRI	90+	90+	90+	90+	90+
CCT MULTIPLIER FOR LUMEN OUTPUT	0.97	1	1.03	1.05	1.07

CRI	90	90 CRI
OPTIC & LM MULTIPLIER	WW	wall wash
TRIM COLOR	BK	black - alum. reflector
	WH	white - alum. reflector

ORDERING CODE		
MOUNTING OPTIONS	NCIC[1]	new construction with ceiling fitting plate, insulation contact rated (no housing required)
	NC	new construction plate
	RETIC[1]	retrofit, no ceiling fitting plate, insulation contact rated (no housing required)
	RET	retrofit, no ceiling plate
VOLTAGE	120	120V
	UNV	120V-277V
DIMMING	DIM10	0-10V dimming, to 3%
	ELV[2]	leading & trailing edge dimming (Triac/ELV), dim to 3%
ELECTRICAL OPTIONS	INVB	remote emergency inverter battery backup, 90 min. at 25W, remote test switch

YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
NUC4 - RW - SW - 3PW1 - 5CCT - 90 - WW - WH - NCIC - UNV - DIM10

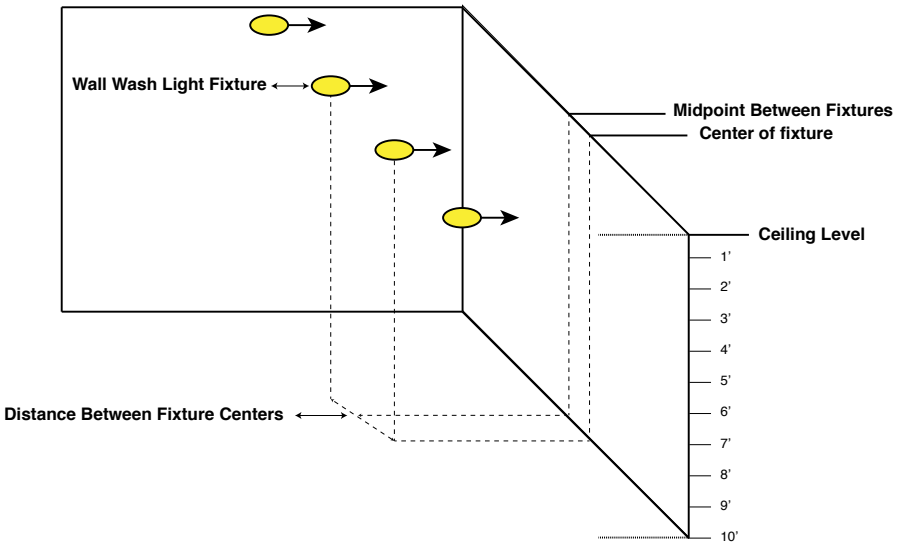
NOTES

1. NCIC and RETIC available with IC-rating up to 15W.
2. ELV available in 120V.

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA CHARTS



FOOT CANDLE MEASUREMENT

STATIC WHITE WALL WASH 25LM 90CRI 3000K																		
MOUNTING DISTANCE	2' FROM WALL						3' FROM WALL						4' FROM WALL					
FIXTURE SPACING	2' ON CENTER		3' ON CENTER		4' ON CENTER		2' ON CENTER		3' ON CENTER		4' ON CENTER		3' ON CENTER		4' ON CENTER		6' ON CENTER	
DISTANCE FROM CEILING	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT
1'	73	43.6	66.6	19	65.9	7.1	14.7	6.7	14.2	3.4	14	0.7	4.6	2.3	4.3	1.4	4.1	0.5
2'	140.1	131.1	105.4	79.5	98.4	42.7	51.5	37.3	46.6	22.6	44.7	6.9	21.3	15.9	18.2	10.9	16.6	4.8
3'	114.5	112.3	82	73.5	67.3	51.1	62.3	58.3	49.8	42.3	43.7	19	39.6	35.9	31.8	26.1	27.3	12.8
4'	78.5	79.8	57.5	55.4	45.6	39.9	56.5	54.2	44.3	40.2	34.2	23.5	44.9	43.2	35	32.8	26.3	19.9
5'	53.2	54.2	39.8	40.1	31.6	30	45.1	45.1	35.9	34.1	26.2	21.2	41.6	41.1	33.2	31.4	23.7	20.4
6'	36.5	37.3	28.3	29	22.6	22.5	34.9	35.4	28.1	27.7	20.3	17.8	35.3	35.6	28.6	28.1	20.5	18.4
7'	25.7	26.3	20.6	21.2	16.6	17	26.9	27.4	21.9	22.2	15.8	14.7	29	29.4	23.8	24	17.3	16.1
8'	18.6	19.1	15.3	15.8	12.6	13	20.8	21.2	17.2	17.6	12.5	12.1	23.6	23.9	19.6	19.9	14.4	13.8
9'	13.8	14.1	11.7	12	9.8	10.1	16.2	16.6	13.7	14	10	10	19	19.4	16.2	16.4	11.9	11.8
10'	10.5	10.7	9	9.3	7.7	8	12.8	13.1	11	11.3	8.2	8.3	15.4	15.7	13.3	13.6	10	10

STATIC WHITE WALL WASH 20LM 90CRI 3000K																		
MOUNTING DISTANCE	2' FROM WALL						3' FROM WALL						4' FROM WALL					
FIXTURE SPACING	2' ON CENTER		3' ON CENTER		4' ON CENTER		2' ON CENTER		3' ON CENTER		4' ON CENTER		3' ON CENTER		4' ON CENTER		6' ON CENTER	
DISTANCE FROM CEILING	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT
1'	63.1	37.7	57.5	16.5	56.9	6.2	12.7	5.8	12.2	2.9	12.1	0.6	4	2	3.7	1.2	3.6	0.4
2'	121.1	113.3	91.1	68.7	85.1	36.9	44.5	32.3	40.3	19.5	38.6	6	18.4	13.7	15.8	9.4	14.4	4.1
3'	98.9	97	70.9	63.6	58.2	44.2	53.8	50.4	43.1	36.6	37.8	16.4	34.2	31	27.5	22.6	23.6	11.1
4'	67.9	68.9	49.7	47.9	39.4	34.5	48.9	46.8	38.3	34.7	29.6	20.3	38.8	37.3	30.3	28.3	22.8	17.2
5'	46	46.9	34.4	34.7	27.3	25.9	39	38.9	31	29.5	22.6	18.3	35.9	35.5	28.7	27.2	20.5	17.6
6'	31.6	32.3	24.4	25	19.5	19.4	30.2	30.6	24.3	24	17.5	15.3	30.5	30.8	24.7	24.3	17.7	15.9
7'	22.2	22.8	17.8	18.3	14.4	14.7	23.3	23.7	18.9	19.1	13.7	12.7	25.1	25.4	20.6	20.7	14.9	13.9
8'	16.1	16.5	13.2	13.7	10.9	11.2	18	18.4	14.9	15.2	10.8	10.5	20.4	20.7	17	17.2	12.4	12
9'	11.9	12.2	10.1	10.4	8.4	8.7	14	14.3	11.8	12.1	8.7	8.6	16.5	16.7	14	14.2	10.3	10.2
10'	9	9.3	7.8	8	6.6	6.9	11.1	11.3	9.5	9.7	7.1	7.2	13.3	13.6	11.5	11.7	8.6	8.7

NOTE

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

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA CHARTS

STANDARD WHITE WALL WASH 15LM 90CRI 3000K																		
MOUNTING DISTANCE	2' FROM WALL						3' FROM WALL						4' FROM WALL					
FIXTURE SPACING	2' ON CENTER		3' ON CENTER		4' ON CENTER		2' ON CENTER		3' ON CENTER		4' ON CENTER		3' ON CENTER		4' ON CENTER		6' ON CENTER	
DISTANCE FROM CEILING	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT
1'	50.8	30.3	46.3	13.2	45.8	5	10.3	4.7	9.8	2.3	9.8	0.5	3.2	1.6	3	0.9	2.9	0.3
2'	97.5	91.2	73.3	55.3	68.5	29.7	35.8	26	32.4	15.7	31.1	4.8	14.8	11	12.7	7.6	11.6	3.3
3'	79.6	78.1	57.1	51.2	46.8	35.6	43.3	40.5	34.7	29.4	30.4	13.2	27.5	25	22.1	18.2	19	8.9
4'	54.6	55.5	40	38.5	31.7	27.8	39.3	37.7	30.8	28	23.8	16.4	31.2	30	24.4	22.8	18.3	13.8
5'	37	37.7	27.7	27.9	22	20.9	31.4	31.3	25	23.7	18.2	14.7	28.9	28.6	23.1	21.9	16.5	14.2
6'	25.4	26	19.7	20.2	15.7	15.6	24.3	24.7	19.5	19.3	14.1	12.4	24.6	24.8	19.9	19.5	14.3	12.8
7'	17.9	18.3	14.3	14.7	11.6	11.8	18.7	19.1	15.2	15.4	11	10.2	20.2	20.5	16.6	16.7	12	11.2
8'	12.9	13.3	10.7	11	8.8	9.1	14.5	14.8	12	12.2	8.7	8.4	16.4	16.6	13.7	13.9	10	9.6
9'	9.6	9.8	8.1	8.4	6.8	7	11.3	11.5	9.5	9.8	7	6.9	13.2	13.5	11.2	11.4	8.3	8.2
10'	7.3	7.4	6.3	6.5	5.3	5.5	8.9	9.1	7.6	7.8	5.7	5.8	10.7	10.9	9.3	9.4	6.9	7

STANDARD WHITE WALL WASH 10LM 90CRI 3000K																		
MOUNTING DISTANCE	2' FROM WALL						3' FROM WALL						4' FROM WALL					
FIXTURE SPACING	2' ON CENTER		3' ON CENTER		4' ON CENTER		2' ON CENTER		3' ON CENTER		4' ON CENTER		3' ON CENTER		4' ON CENTER		6' ON CENTER	
DISTANCE FROM CEILING	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT
1'	35.8	21.4	32.7	9.3	32.3	3.5	7.2	3.3	6.9	1.6	6.9	0.4	2.3	1.1	2.1	0.7	2	0.2
2'	68.8	64.4	51.8	39	48.3	21	25.3	18.3	22.9	11.1	21.9	3.4	10.5	7.8	9	5.3	8.2	2.3
3'	56.2	55.1	40.3	36.1	33	25.1	30.6	28.6	24.5	20.8	21.5	9.3	19.4	17.6	15.6	12.8	13.4	6.3
4'	38.6	39.2	28.2	27.2	22.4	19.6	27.8	26.6	21.8	19.7	16.8	11.6	22	21.2	17.2	16.1	12.9	9.8
5'	26.1	26.6	19.6	19.7	15.5	14.7	22.2	22.1	17.6	16.7	12.9	10.4	20.4	20.2	16.3	15.4	11.6	10
6'	17.9	18.3	13.9	14.2	11.1	11	17.1	17.4	13.8	13.6	9.9	8.7	17.3	17.5	14.1	13.8	10.1	9
7'	12.6	12.9	10.1	10.4	8.2	8.3	13.2	13.5	10.7	10.9	7.8	7.2	14.3	14.4	11.7	11.8	8.5	7.9
8'	9.1	9.4	7.5	7.8	6.2	6.4	10.2	10.4	8.4	8.6	6.1	5.9	11.6	11.7	9.6	9.8	7.1	6.8
9'	6.8	6.9	5.7	5.9	4.8	5	8	8.2	6.7	6.9	4.9	4.9	9.3	9.5	7.9	8.1	5.9	5.8
10'	5.1	5.3	4.4	4.6	3.8	3.9	6.3	6.4	5.4	5.5	4	4.1	7.6	7.7	6.5	6.7	4.9	4.9

NOTE

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

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

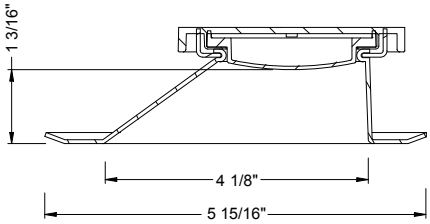
TRIM/BEZEL COLORS



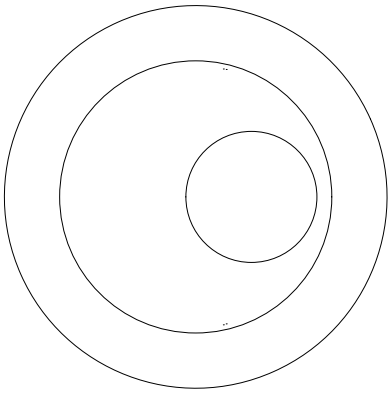
WH

BK

TRIMMED



aperture dimensions



ceiling cutout
4-7/8" diameter

ceiling thickness
1/4" - 5/8"

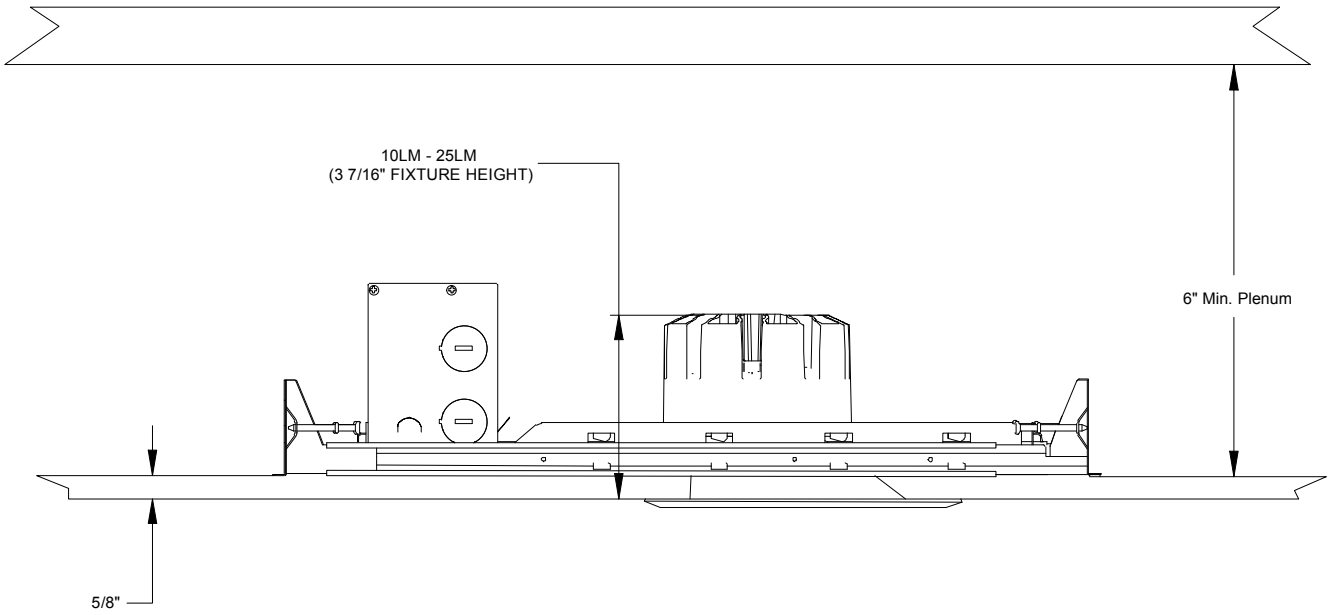
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

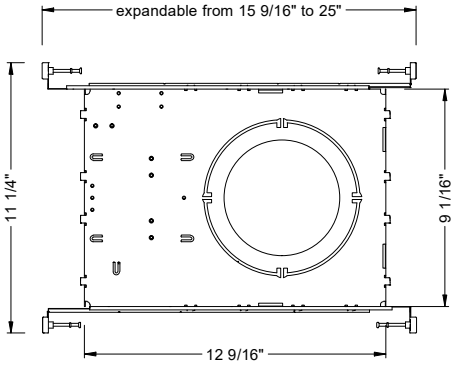
RATINGS / CERTIFICATIONS	NCIC	RETIC
TYPE NON-IC	✔	✔
TYPE IC	✔	✔
SUITABLE FOR AIR HANDLING PLENUMS	✔	✔

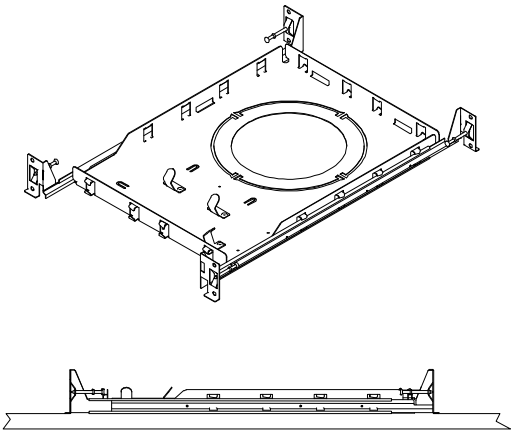
MOUNTING TYPE	STANDARD CEILING THICKNESS	STANDARD CEILING CUTOUT
TRIM	1/2" to 5/8"	4-7/8" round

PLENUM HEIGHT



NEW CONSTRUCTION - NC



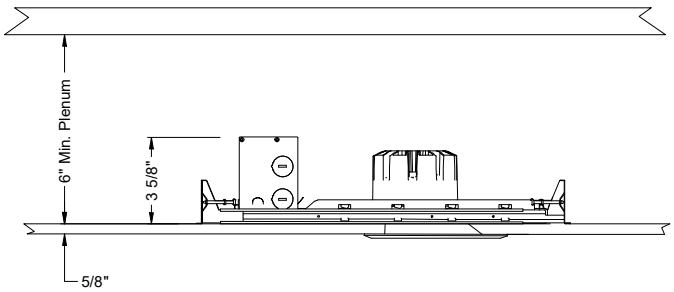


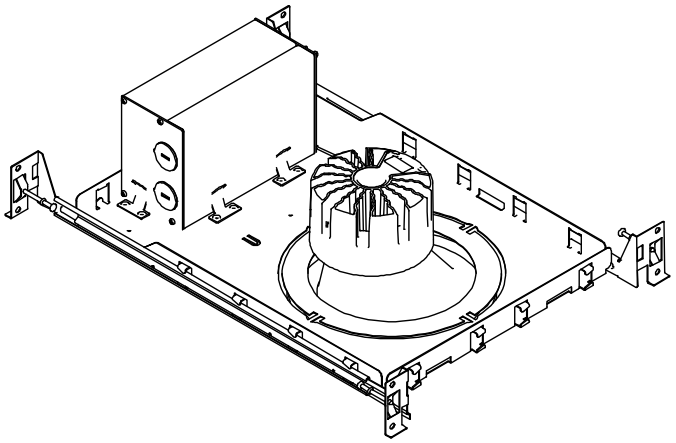
ADDITIONAL MOUNTING INFO	
New Construction Bar Hangers (included)	Mounting Length: 15-9/16" to 25"

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

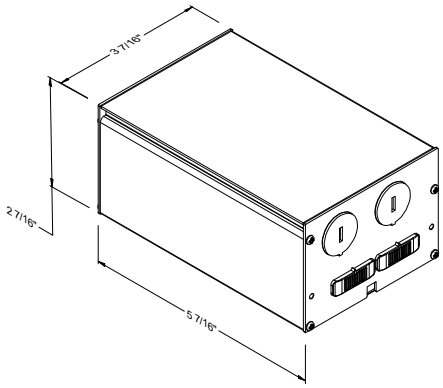
10LM-25LM (DIM10 / ELV)
(BELOW CEILING ACCESSIBLE)

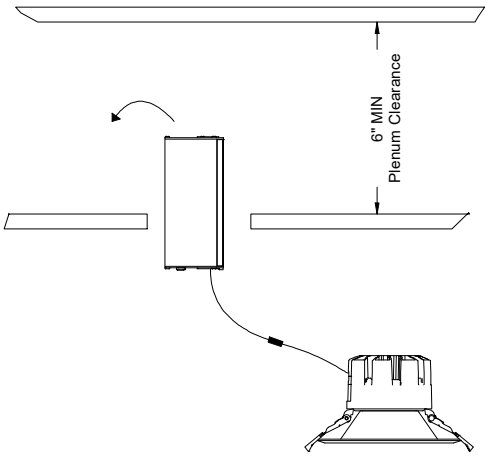




RETRO OPTIONS

10LM-25LM (DIM10 / ELV)
(BELOW CEILING ACCESSIBLE)





PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

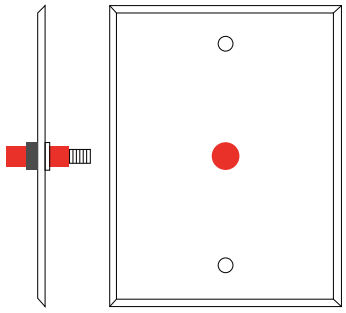
BATTERY OPTIONS

EMERGENCY BATTERY
Utilize remote batteries that 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 remote battery 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 assembly. The Constant Power design of the remote battery maintains the output wattage to the LED array even as the system voltage diminishes. UL Listed for U.S. and Canada. 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.

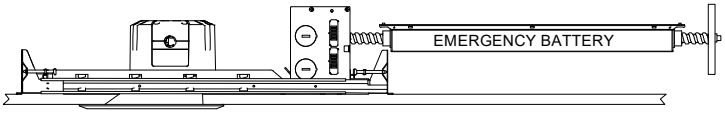
EMERGENCY BATTERY ACCESS
Above ceiling access is recommended for ease of service.

REMOTE LOCATION
Maximum remote mounting distance of the emergency driver shall be 15 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.

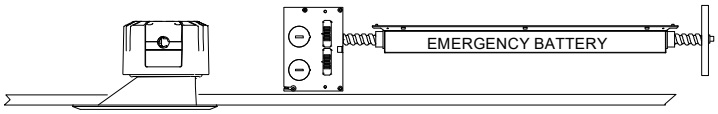


Remote Test Switch

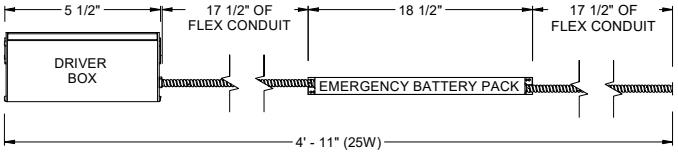
NC - NEW CONSTRUCTION
WITH EM BATTERY (REMOTE TEST SWITCH)



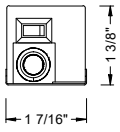
RET - RETROFIT
WITH EM BATTERY (REMOTE TEST SWITCH)



REMOTE BATTERY DIMENSIONS



EMERGENCY BATTERY PACK



DRIVER BOX

