

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

NU3

3" Round Wall Wash Warm Dim



AT
airtight

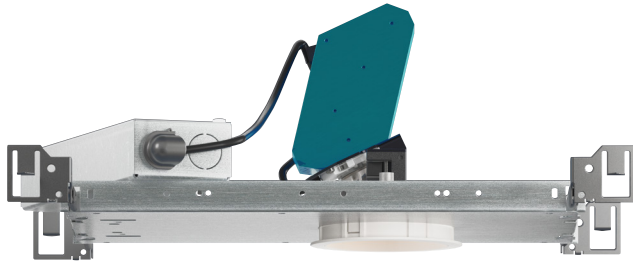
DF
dead-front



plenum rated



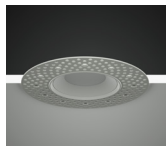
wet rated



WW BEAM		
(Note: Specifications are subject to change without notice)		
14mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	630LM @30K/97CRI	13W
13LM	920LM @30K/97CRI	17W
20LM	1380LM @30K/97CRI	27W
30LM	2010LM @30K/97CRI	40W
Note	Delivered lumens based on WW optic with no lens, (see page 2)	



Trim



Trimless



Trimless Millwork

FEATURES

- An asymmetric reflector with highly efficient BrightView angle bending lens produces excellent wall washing with no scalloping
- 4" set back with 6" on center spacing - 15 FC average
- 3/4" bezel regress with 1/16" micro flange
- Custom finishes available
- Microban[®] antimicrobial finish available on all exposed painted surfaces

DIMMING AND CONTROLS

- eldoLED flicker free 0-10V dimming to 0% and 1%
- eldoLED flicker free DALI dimming to 0% and 1%
- Lutron Hi-lumen 2-Wire (Eco System) dimming to 0.1% and 1%
- Leading & trailing edge (Triac/ELV) dimming to 1%
- Casambi bluetooth dimming to 1.0%
- nLight control interface dimming to 0%

CONSTRUCTION

- Lexan[™] (PC) highly resistant to impact and heat (240°F)
- Optimal material for wireless BLE signal connectivity
- Shatter proof acrylic bezel lens
- Electrocoated 16-gauge cold-rolled steel construction
- Accommodates ceiling thickness from 1/8" to 5/8"

LED

- Luminus Dim-to-warm COB:
- 97 CRI: SDCM = 3-step MacAdam Ellipse; Lumen Maintenance: L₇₀ > 54,000 hrs

LISTING

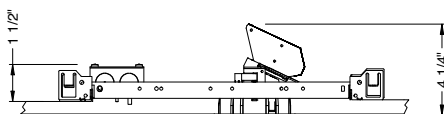
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- 5 Year Limited warranty

ELECTRICAL

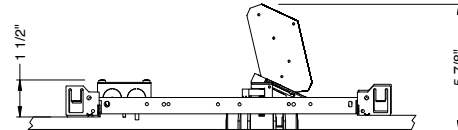
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

FIXTURE HEIGHT

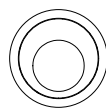
10LM-20LM LOW LUMENS



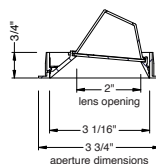
30LM HIGH LUMENS



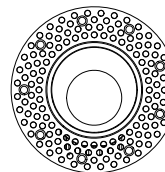
TRIMMED



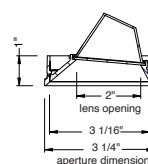
ceiling cutout
3-3/8" diameter
ceiling thickness
1/8" to 5/8"



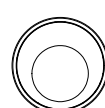
TRIMLESS



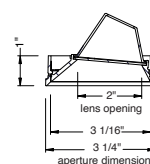
ceiling cutout
3-1/2" diameter
ceiling thickness
3/8" to 5/8"



MILLWORK



ceiling cutout
3-1/2" diameter
ceiling thickness
1/2" to 5/8"



alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

WW BEAM ORDERING CODE						
SERIES	NU3	NU3				
TYPE	RW	round wall wash				
	RWT	round wall wash trimless				
	RWTMW	round wall wash trimless millwork				
LED	WD	warm dim (Luminus)				
DELIVERED LUMENS	10LM	630 lm				
	13LM	920 lm				
	20LM	1380 lm				
	30LM	2010 lm				
Standard Configuration: 3000K 97CRI Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier]						
CCT	3018	3000K, dim to 1800K				
		CCT at Light Level (%LF)				
		%LF	30LM	20LM	13LM	10LM
		100%	3000	3000	3000	3000
		50%	3000	3000	3000	2800
25%	2800	2800	2500	2300		
10%	2200	2200	2000	1900		
5%	1800	1800	1800	1800		
CRI	97	97 CRI				
OPTIC & LM MULTIPLIER SEE PAGE 3	WW	wall wash with diffused angle bending lens				
TRIM COLOR SEE PAGE 3	BK	black				
	WH	white				
	MC	matte chrome				
	BZ	bronze				
	WT	wheat				
	CC¹	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 SEE PAGE 3	BK	black (0.98)				
	WH	white (1.00)				
	MC	matte chrome (0.99)				
	BZ	bronze (0.98)				
	WT	wheat (0.99)				
	CC¹	custom color, consult factory for details				
Antimicrobial finish, add AM to black, white or matte chrome i.e. BKAM.						

WW BEAM ORDERING CODE		
MOUNTING OPTIONS SEE PAGE 5, 6	NC	new construction with ceiling fitting plate
	IC²	insulation contact housing
	ICAT²	insulation contact/airtight housing
	CP²	chicago plenum housing
	RET	retrofit, no ceiling fitting plate
VOLTAGE	I20	120V
	UNV	120V-277V
DIMMING	DIM10	eldoLED flicker free 0-10V dimming to 1%
	DIM10Z	eldoLED flicker free 0-10V dimming to 0%
	DALI	eldoLED flicker free DALI dimming to 1%
	DALIZ	eldoLED flicker free DALI dimming to 0%
	LUTP³	Lutron Hi-lume Premier Ecosystem dimming to 0.1%, Soft-on & Fade-to-Black
	ELV1⁴	leading & trailing edge (Triac/ELV) dimming to 1%
	NLT	nLight control interface: standard Cat-5/RJ45 connection (female), dimming to 0%
CAS	Casambi Bluetooth control with flicker free 1% dimming	
ELECTRICAL OPTIONS	EM7	emergency battery backup, 90 minutes at 7W to LED
	EM12	emergency battery backup, 90 minutes at 12W to LED
	EM10CA20	remote emergency battery backup, 90 minutes at 10W to LED, CA title 20

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"

YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
NU3 - RW - WD - 13LM - 3018 - 97 - WW - WH - WH - NC - UNV - DIM10 - EM7

NOTES

1. Custom set up fee plus minimum quantity required per color.
2. IC/ICAT/CP not available in 30LM.
3. LUTP not available in 20LM/30LM.
4. ELV1 dimming available in 120V.

* EldoLED uses logarithmic dimming curve as standard. For linear dimming curve, add "LIN" after dimming code, i.e. DIM10LIN.
* Values shown are for reference only. Actual CCT may vary.

alphabet

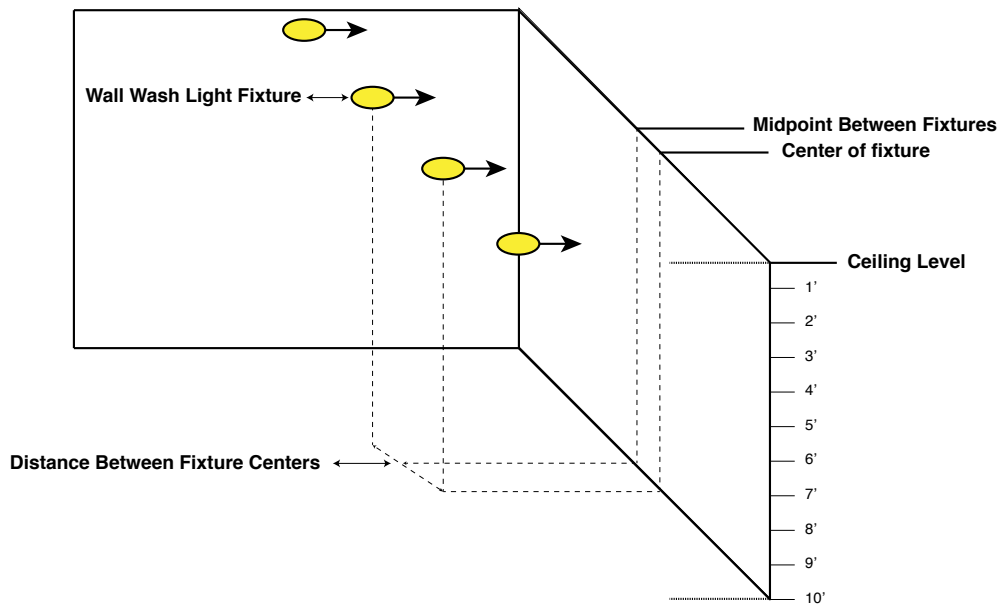
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM/BEZEL COLORS



PHOTOMETRIC DATA DIAGRAM



PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT WARM DIM WALL WASH 30LM, 97CRI, 3000K

Mounting Distance	2' from wall						3' from wall						4' from wall					
	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'	22	22	16	16	13	9	12	12	9	9	7	6	7	7	5	5	3	3
2'	67	67	46	46	38	29	30	30	21	21	16	15	13	13	10	10	6	5
3'	97	97	66	66	52	46	54	54	37	37	28	27	21	21	16	16	11	9
4'	87	87	59	59	45	43	67	66	45	45	34	34	31	31	23	23	15	14
5'	69	69	47	47	36	35	66	65	45	45	33	33	36	36	27	27	17	17
6'	54	54	37	37	28	27	58	57	40	40	30	30	36	36	27	27	17	17
7'	44	43	30	30	22	22	50	49	35	35	26	26	34	34	25	25	16	16
8'	36	35	25	25	19	19	43	43	30	30	22	22	31	31	23	23	15	15
9'	32	30	22	22	17	16	38	37	27	26	20	19	29	28	21	21	14	13
10'	25	24	18	17	13	13	31	30	22	21	17	16	24	24	18	17	11	11

NOTE

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

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT WARM DIM WALL WASH 20LM, 97CRI, 3000K

Mounting Distance	2' from wall						3' from wall						4' from wall					
	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	
Fixture Spacing																		
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'	14	14	10	10	8	6	8	8	6	6	5	4	5	5	4	4	2	2
2'	40	40	27	27	22	18	18	18	13	13	9	9	8	8	6	6	4	4
3'	62	61	41	41	32	30	32	32	22	22	16	17	13	13	9	10	6	6
4'	58	57	39	39	29	29	42	42	28	28	21	22	19	19	14	14	9	9
5'	47	47	32	32	24	24	43	42	29	29	22	22	22	22	17	17	11	11
6'	38	37	26	26	19	19	39	38	27	27	20	20	23	23	17	17	11	11
7'	31	30	21	21	16	16	34	34	24	24	18	18	23	22	17	17	11	11
8'	26	25	18	18	13	13	30	30	21	21	15	15	21	21	16	16	10	10
9'	22	22	16	15	12	11	27	26	19	18	14	14	20	19	15	14	9	9
10'	18	17	13	12	9	9	22	21	16	15	12	11	17	16	12	12	8	8

FOOT CANDLE MEASUREMENT WARM DIM WALL WASH 13LM, 97CRI, 3000K

Mounting Distance	2' from wall						3' from wall						4' from wall					
	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	
Fixture Spacing																		
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'	1'	8	8	6	6	5	4	5	5	4	4	3	3	3	3	2	2	1
2'	2'	25	25	17	17	14	12	11	11	8	8	6	6	5	5	4	4	2
3'	3'	40	39	26	26	20	20	20	20	14	14	10	11	8	8	6	6	4
4'	4'	38	37	25	25	19	19	27	27	18	18	13	14	12	12	8	9	5
5'	5'	31	31	21	21	16	16	28	27	19	19	14	14	14	14	10	11	7
6'	6'	25	25	17	17	13	13	25	25	17	17	13	13	15	15	11	11	7
7'	7'	20	20	14	14	10	10	22	22	16	15	11	12	15	14	11	11	7
8'	8'	17	16	12	12	9	9	20	19	14	14	10	10	14	14	10	10	6
9'	9'	15	14	10	10	8	7	18	17	12	12	9	9	13	13	9	9	6
10'	10'	12	11	8	8	6	6	15	14	10	10	8	7	11	11	8	8	5

FOOT CANDLE MEASUREMENT WARM DIM WALL WASH 10LM, 97CRI, 3000K

Mounting Distance	2' from wall						3' from wall						4' from wall					
	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	
Fixture Spacing																		
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'	7	7	5	5	4	3	4	4	3	3	2	2	2	2	2	2	1	1
2'	21	21	15	15	12	9	10	10	7	7	5	5	4	4	3	3	2	2
3'	32	32	21	21	17	15	17	17	12	12	9	9	7	7	5	5	3	3
4'	29	29	19	20	15	14	22	22	15	15	11	11	10	10	7	7	5	5
5'	23	23	16	16	12	12	22	21	15	15	11	11	12	12	9	9	6	5
6'	18	18	13	13	9	9	19	19	13	13	10	10	12	12	9	9	6	6
7'	15	15	10	10	8	7	17	17	12	12	9	9	11	11	8	8	5	5
8'	12	12	9	8	6	6	15	14	10	10	8	7	10	10	8	8	5	5
9'	11	10	8	7	6	5	13	13	9	9	7	6	10	9	7	7	5	4
10'	9	8	6	6	4	4	11	10	8	7	6	5	8	8	6	6	4	4

NOTE

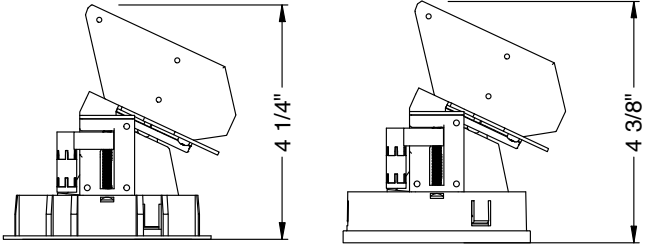
1. Performance based on typical reflectance values and room dimensions. IES files available at ledrabrands.com

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

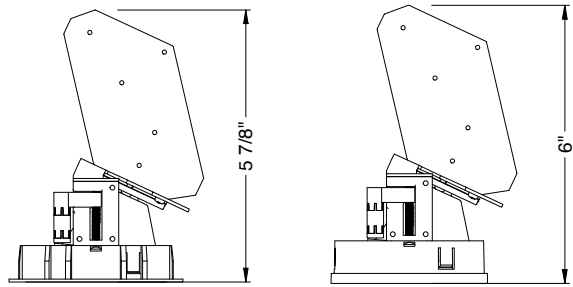
MOUNTING OPTIONS

FIXTURE HEIGHT

10LM - 20LM CONFIGURATION

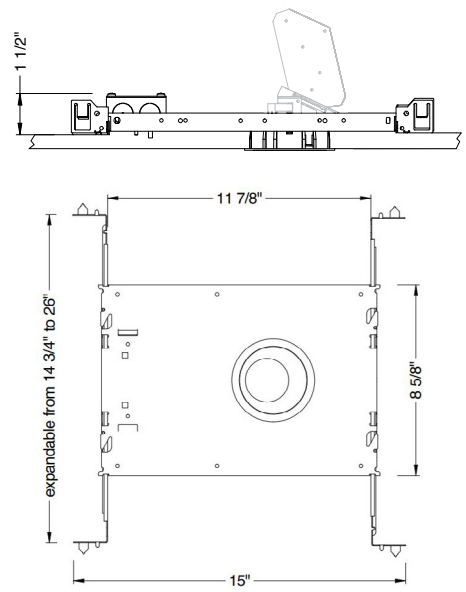


30LM CONFIGURATION

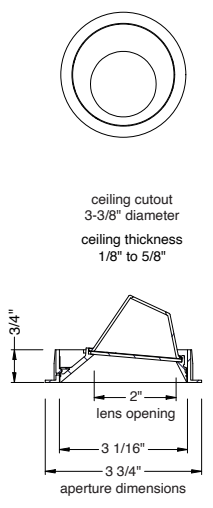


NC - NEW CONSTRUCTION

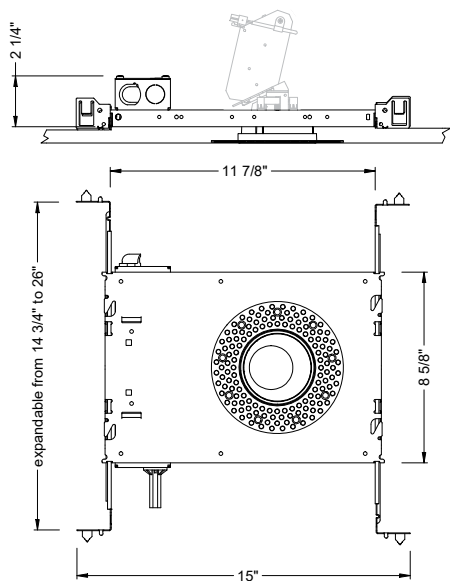
TRIM



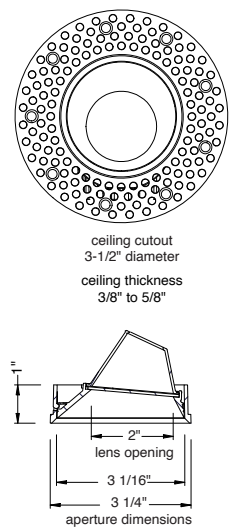
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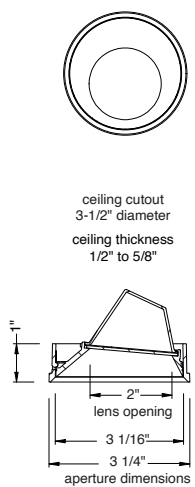
TRIMLESS



TRIMLESS



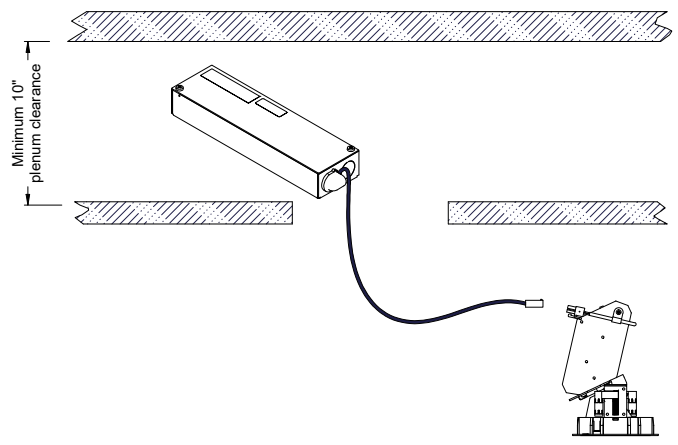
TRIMLESS/MILLWORK



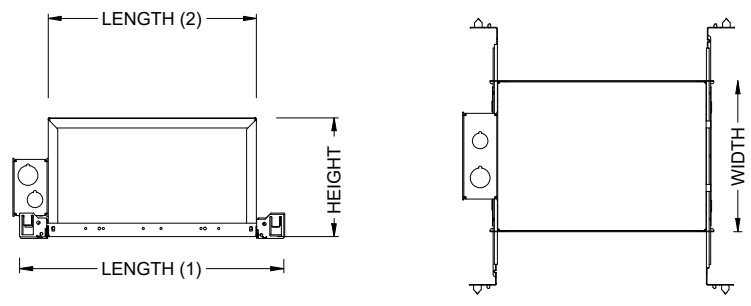
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

RET - RETRO TRIM/TRIMLESS



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



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

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	✓	✓	✓	✓	✓

BOX TYPE / LUMEN OUTPUT - STANDARD BEAMS (WW)			
LUMEN OUTPUT	BOX - A		
	CP	IC	ICAT
10LM	✓	✓	✓
13LM	✓	✓	✓
20LM	✓	✓	✓
30LM			

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

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

BATTERY OPTIONS

EMERGENCY BATTERY

IOTA's ILB 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

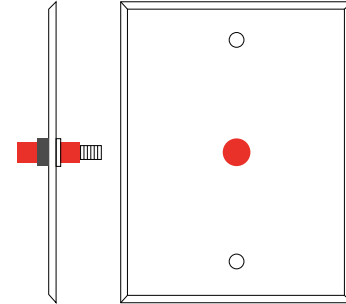
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

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.



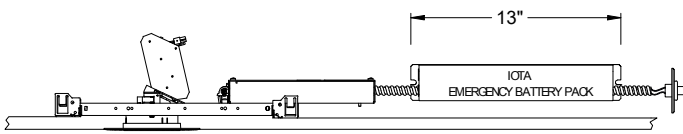
Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)

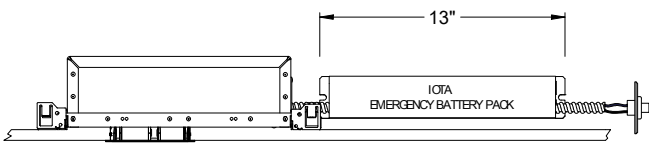
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 30LM)	440lm	500lm	580lm

Notes: Based on 30K, 97CRI

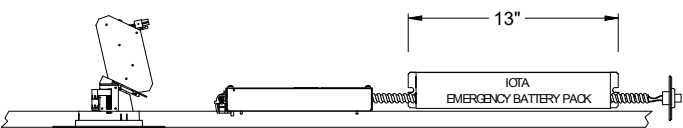
NC - NEW CONSTRUCTION WITH EM BATTERY (REMOTE TEST SWITCH)



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

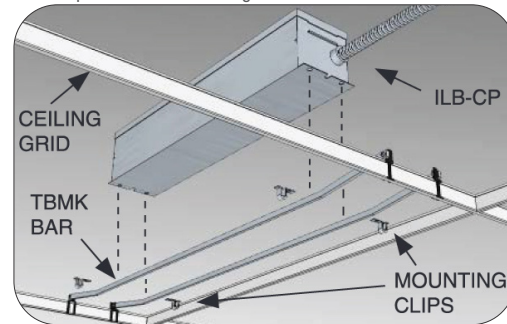


RET - RETROFIT WITH EM BATTERY (REMOTE TEST SWITCH)



Accessory

76066 Optional T-Grid Mounting Kit¹



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