

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

## NU3

### 3" Square Wall Wash Warm Dim



AT  
airtight

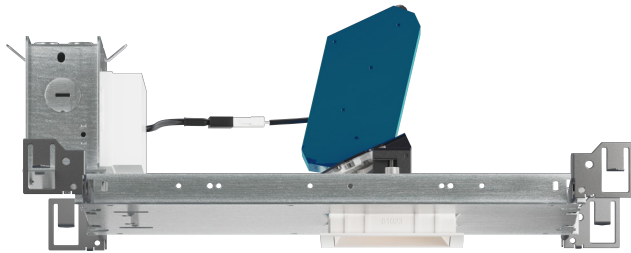
DF  
dead-front



plenum rated



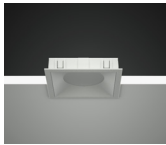
wet rated



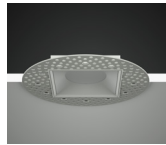
WW BEAM		
(Note: Specifications are subject to change without notice)		
14mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	710LM @30K/97CRI	13W
13LM	950LM @30K/97CRI	17W
20LM	1360LM @30K/97CRI	27W
30LM	1960LM @30K/97CRI	40W
Notes	Delivered lumens based on WW optic with no lens, (see page 2)	



eldoLED  
your perfect light here



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 finish available
- Microban<sup>®</sup> 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<sup>™</sup> (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 1-3/8"

#### LED

- Luminus Dim-to-warm COB:
- 97 CRI: SDCM = 3-step MacAdam Ellipse; Lumen Maintenance: L<sub>70</sub> > 54,000 hrs

#### LISTING

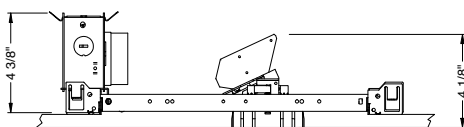
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- 5 Year Limited warranty

#### ELECTRICAL

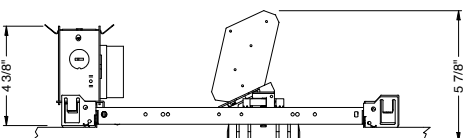
- 120V-277V, 120 only Triac / ELV
- Power factory ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

#### FIXTURE HEIGHT

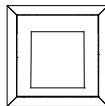
##### LOW LUMENS 10LM - 20LM



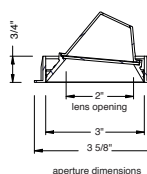
##### HIGH LUMENS 30LM



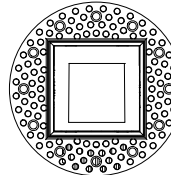
#### TRIMMED



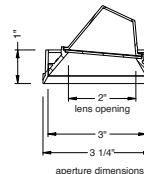
ceiling cutout  
3-1/4" square  
ceiling thickness  
1/8" to 1-1/4"



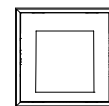
#### TRIMLESS



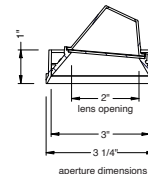
ceiling cutout  
3-1/2" square  
ceiling thickness  
3/8" to 1-3/8"



#### MILLWORK



ceiling cutout  
3-9/32" square  
ceiling thickness  
5/8" to 1-3/8"



# alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

WW BEAM ORDERING CODE						
<b>SERIES</b>	<b>NU3</b>	NU3				
<b>TYPE</b>	<b>QW</b>	square wall wash				
	<b>QWT</b>	square wall wash trimless				
	<b>QWTMW</b>	square wall wash trimless millwork				
<b>LED</b>	<b>WD</b>	warm dim (Luminus)				
<b>DELIVERED LUMENS</b>	<b>10LM</b>	710 lm				
	<b>13LM</b>	950 lm				
	<b>20LM</b>	1360 lm				
	<b>30LM</b>	1960 lm				
Standard Configuration: 3000K 97CRI Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier]						
<b>CCT</b>	<b>3018</b>	3000K, dim to 1800K				
		CCT at Light Level (%LF) <sup>3</sup>				
		%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		
<b>CRI</b>	<b>97</b>	97 CRI				
<b>OPTIC &amp; LM MULTIPLIER</b> SEE PAGE 3	<b>WW</b>	wall wash with diffused angle bending lens				
<b>TRIM COLOR</b> SEE PAGE 3	<b>BK</b>	black				
	<b>WH</b>	white				
	<b>BZ</b>	bronze				
	<b>MC</b>	matte chrome				
	<b>WT</b>	wheat				
<b>CC<sup>1</sup></b>	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.						
<b>BEZEL COLOR</b> SEE PAGE 3	<b>BK</b>	black	(0.98)			
	<b>WH</b>	white	(1.00)			
	<b>MC</b>	matte chrome	(0.99)			
	<b>BZ</b>	bronze	(0.98)			
	<b>WT</b>	wheat	(0.99)			
<b>CC<sup>1</sup></b>	custom color, consult factory for details					
Antimicrobial finish, add AM to black, white or matte chrome i.e. BKAM.						

WW BEAM ORDERING CODE		
<b>MOUNTING OPTIONS</b> SEE PAGE 5, 6	<b>NC</b>	new construction with ceiling fitting plate
	<b>IC<sup>2</sup></b>	insulation contact housing
	<b>ICAT<sup>2</sup></b>	insulation contact/airtight housing
	<b>CP<sup>2</sup></b>	chicago plenum housing
	<b>RET</b>	retrofit, no ceiling fitting plate
<b>VOLTAGE</b>	<b>I20</b>	120V
	<b>UNV</b>	120V-277V
<b>DIMMING</b>	<b>DIM10</b>	eldoLED flicker free 0-10V dimming to 1%
	<b>DIM10Z</b>	eldoLED flicker free 0-10V dimming to 0%
	<b>DALI</b>	eldoLED flicker free DALI dimming to 1%
	<b>DALIZ</b>	eldoLED flicker free DALI dimming to 0%
	<b>LUTP<sup>3</sup></b>	Lutron Hi-lume Premier Ecosystem dimming to 0.1%, Soft-on & Fade-to-Black
	<b>ELV1<sup>4</sup></b>	leading & trailing edge (Triac/ELV) dimming to 1%
<b>NLT</b>	nLight control interface: standard Cat-5/RJ45 connection (female), dimming to 0%	
<b>CAS</b>	Casambi Bluetooth control with flicker free 1% dimming	
<b>ELECTRICAL OPTIONS</b>	<b>EM7</b>	emergency battery backup, 90 minutes at 7W to LED
	<b>EM12</b>	emergency battery backup, 90 minutes at 12W to LED
	<b>EM10CA20</b>	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:
<b>NU3 - QW - WD - 10LM - 3018 - 97 - WW - WH - WH - NC - UNV - DIM10 - EM7</b>

## 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 (120V input) not available in 10LM.

\* Values shown are for reference only. Actual CCT may vary.

# alphabet

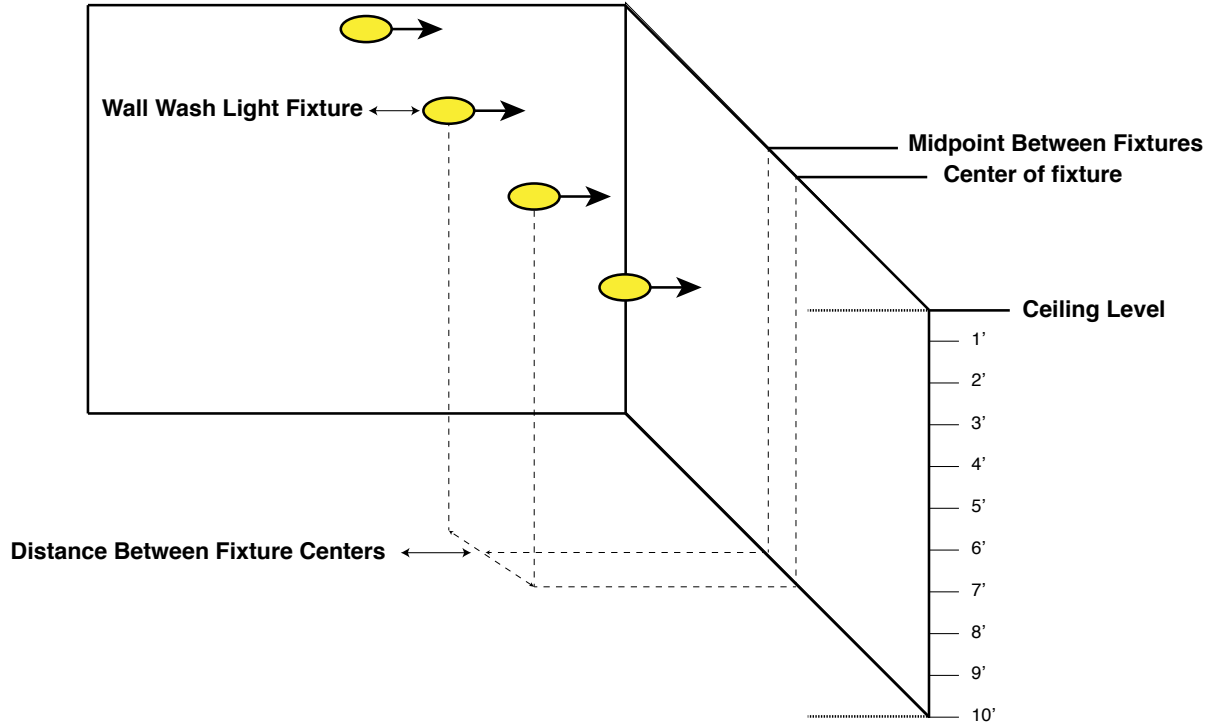
PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

## 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	
Fixture Spacing	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
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'	17	19	13	11	12	6	5	5	4	4	3	2	1	1	1	1	1	1
2'	99	102	63	71	55	46	27	28	18	21	13	16	6	6	4	5	3	3
3'	101	103	68	71	52	54	62	65	44	45	32	36	20	20	15	16	10	11
4'	72	74	52	53	39	41	65	67	48	49	36	38	32	33	25	25	16	18
5'	48	49	36	37	28	29	52	54	41	42	31	32	34	35	27	28	18	19
6'	32	33	25	26	20	21	39	41	32	33	25	26	31	32	25	26	17	18
7'	22	23	18	19	15	15	29	30	24	25	20	21	26	27	22	22	15	15
8'	16	16	13	14	11	11	22	22	19	19	16	16	21	22	18	18	13	13
9'	11	11	10	10	8	9	16	17	14	15	12	13	17	17	15	15	11	11
10'	8	9	7	8	6	7	12	13	11	11	10	10	14	14	12	12	9	9

**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					
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'	12	13	9	8	8	4	4	4	3	2	2	2	1	1	1	1	1	0
2'	69	71	44	49	38	32	19	20	12	14	9	11	4	4	3	3	2	2
3'	70	71	47	49	36	37	43	45	31	31	22	25	14	14	10	11	7	8
4'	50	51	36	36	27	28	45	47	33	34	25	26	22	23	17	18	11	12
5'	33	34	25	26	19	20	36	38	28	29	22	22	24	25	19	19	12	13
6'	22	23	18	18	14	14	27	28	22	23	18	18	21	22	18	18	12	12
7'	15	16	13	13	10	11	20	21	17	17	14	14	18	19	15	15	10	11
8'	11	11	9	9	8	8	15	15	13	13	11	11	15	15	12	13	9	9
9'	8	8	7	7	6	6	11	12	10	10	8	9	12	12	10	11	8	8
10'	6	6	5	5	4	5	9	9	8	8	7	7	9	10	8	9	6	6

WARM DIM WALL WASH 13LM, 97CRI, 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'	8	9	7	5	6	3	3	3	2	2	2	1	1	1	1	0	0	0
2'	48	50	31	35	27	22	13	14	9	10	6	8	3	3	2	2	2	1
3'	49	50	33	35	25	26	30	31	21	22	15	18	10	10	7	8	5	5
4'	35	36	25	26	19	20	31	33	23	24	17	18	16	16	12	12	8	9
5'	23	24	18	18	14	14	25	26	20	20	15	16	17	17	13	14	9	9
6'	16	16	12	13	10	10	19	20	16	16	12	13	15	16	12	13	8	9
7'	11	11	9	9	7	7	14	15	12	12	10	10	13	13	10	11	7	8
8'	8	8	6	7	5	6	11	11	9	9	8	8	10	11	9	9	6	6
9'	5	6	5	5	4	4	8	8	7	7	6	6	8	9	7	7	5	5
10'	4	4	4	4	3	3	6	6	5	6	5	5	7	7	6	6	4	5

WARM DIM WALL WASH 10LM, 97CRI, 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'	6	7	5	4	4	2	2	2	1	1	1	1	1	1	0	0	0	0
2'	36	37	23	26	20	17	10	10	7	7	5	6	2	2	2	2	1	1
3'	37	37	25	26	19	20	23	23	16	16	11	13	7	7	5	6	4	4
4'	26	27	19	19	14	15	23	24	18	18	13	14	12	12	9	9	6	6
5'	17	18	13	13	10	10	19	20	15	15	11	12	12	13	10	10	7	7
6'	12	12	9	10	7	8	14	15	12	12	9	9	11	12	9	9	6	6
7'	8	8	7	7	5	6	11	11	9	9	7	7	9	10	8	8	5	6
8'	6	6	5	5	4	4	8	8	7	7	6	6	8	8	7	7	5	5
9'	4	4	4	4	3	3	6	6	5	5	4	5	6	6	5	6	4	4
10'	3	3	3	3	2	2	5	5	4	4	4	4	5	5	4	4	3	3

#### NOTE

1. Performance based on typical reflectance values and room dimensions. IES files available at [ledrbrands.com](http://ledrbrands.com)

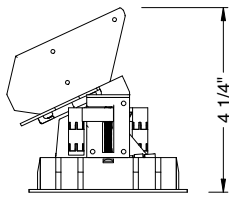
# alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

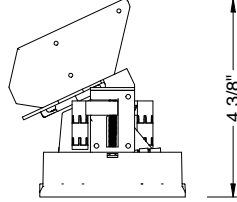
## MOUNTING OPTIONS

### FIXTURE HEIGHT

10LM - 20 LM LOW LUMENS

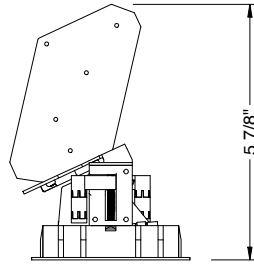


TRIMMED

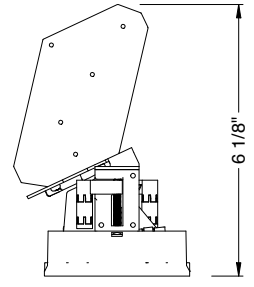


TRIMLESS & MILLWORK

30 LM HIGH LUMENS



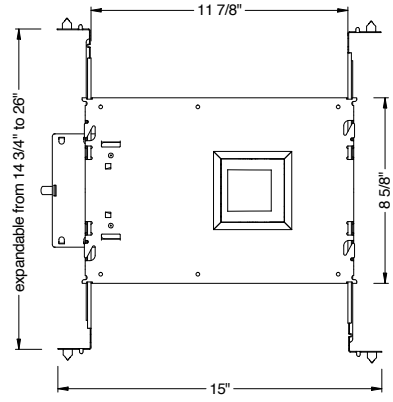
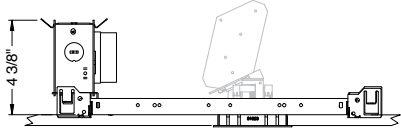
TRIMMED



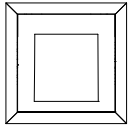
TRIMLESS & MILLWORK

### NC - NEW CONSTRUCTION

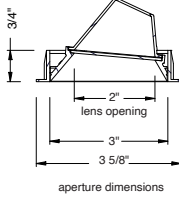
#### TRIM



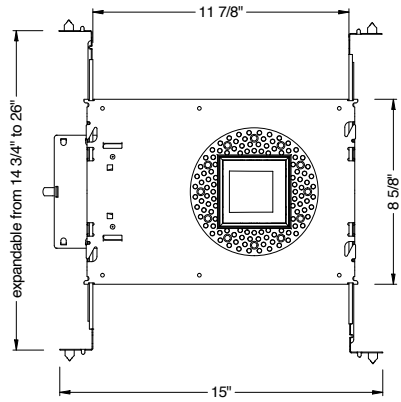
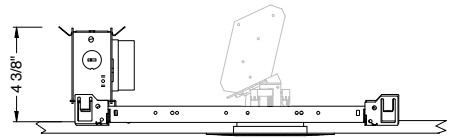
#### TRIM



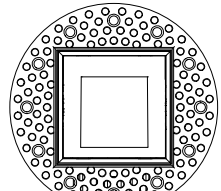
ceiling cutout  
3-1/4" square  
ceiling thickness  
1/8" to 1-1/4"



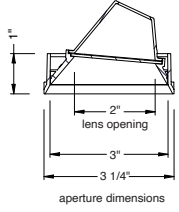
#### TRIMLESS



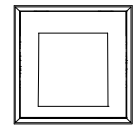
#### TRIMLESS



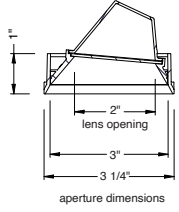
ceiling cutout  
3-1/2" square  
ceiling thickness  
3/8" to 1-3/8"



#### TRIMLESS/MILLWORK



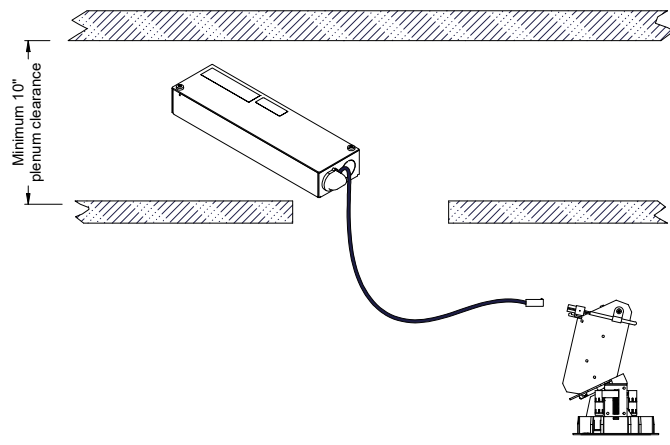
ceiling cutout  
3-9/32" square  
ceiling thickness  
5/8" to 1-3/8"



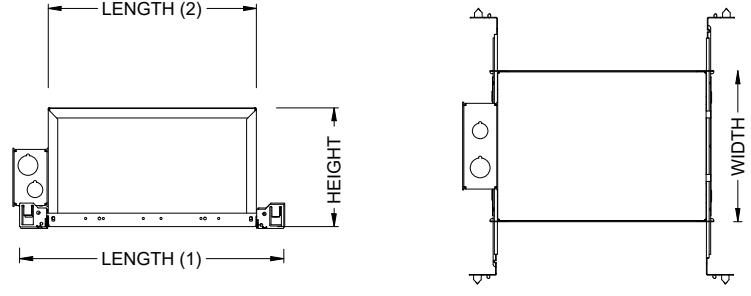
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

## 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		
	IC	ICAT	CP
10LM	✓	✓	✓
13LM	✓	✓	✓
20LM	✓	✓	✓
30LM			

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

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

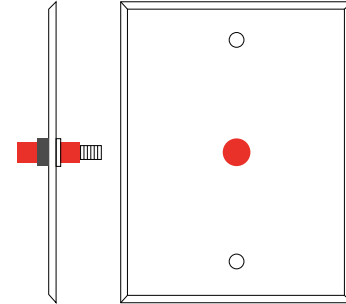
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

### 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.



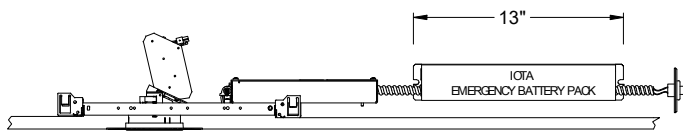
Remote Test Switch

### EM MODE OUTPUT (DELIVERED LUMENS)

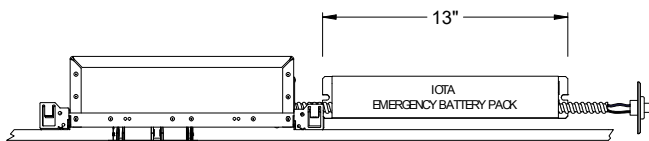
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 30LM)	482lm	688lm	826lm

Notes: Based on 30K, 80CRI

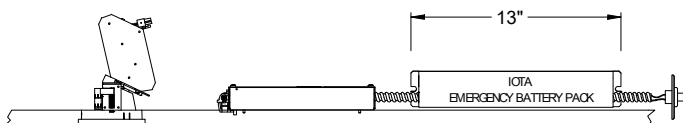
### NC - NEW CONSTRUCTION WITH EM BATTERY (REMOTE TEST SWITCH)



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

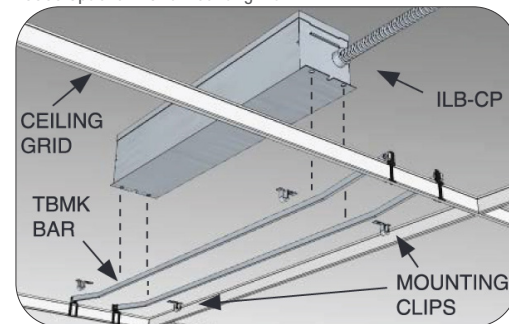


### RET - RETROFIT WITH EM BATTERY (REMOTE TEST SWITCH)



### Accessory

#### 76066 Optional T-Grid Mounting Kit<sup>1</sup>



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