

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

NU1

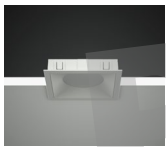
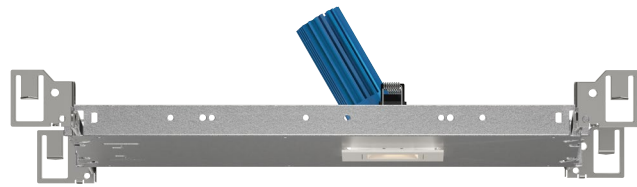
1" Square Wall Wash Standard White



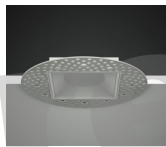
WW BEAM		
(Note: Specifications are subject to change without notice)		
6mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
05LM	480LM @30K/80CRI	7W
10LM	860LM @30K/80CRI	14W
05LM	410LM @30K/90CRI	7W
10LM	730LM @30K/90CRI	14W
Notes	Delivered lumens based on WW optic, (see page 3)	



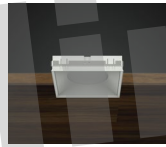
eldoLED
your dimming, our drive



Trim



Trimless



Trimless Millwork

FEATURES

- Light uniformity from ceiling line ($\geq 10'$) to floor with no scalloping
- 3' set back with 3' on center spacing - 18 FC average (10' AFF)
- Placement of light intensity at any desired wall location
- Wide range of spacing flexible provides ability to navigate ceiling obstructions

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

- High-grade die-cast and cold forged aluminum alloy assembly that has superior thermal and corrosion resistance properties.
- Shatter proof acrylic bezel lens
- Electrocoated 16-gauge cold-rolled steel construction
- Accommodates ceiling thickness from 1/8" to 1"
- Fixture is pre-set and shipped at 30deg tilt

LED

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

LISTING

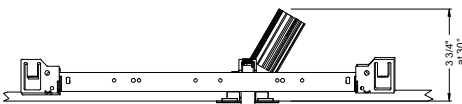
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP44 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- 5 Year Limited warranty

ELECTRICAL

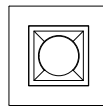
- 120V-277V, 120 only Triac / ELV
- Power factory ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

FIXTURE HEIGHT

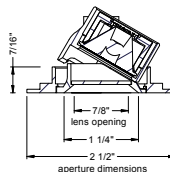
LED LIGHT ENGINE: 05LM - 10LM



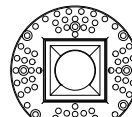
TRIMMED



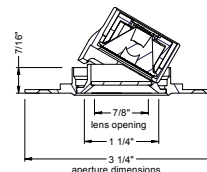
ceiling cutout
2-1/8" square
ceiling thickness
1/8" to 1"



TRIMLESS



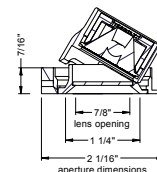
ceiling cutout
2-1/8" square
ceiling thickness
1/8" to 1"



MILLWORK



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



alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

		ORDERING CODE	
SERIES	NU1	NU1	
TYPE	QW	square wall wash	
	QWT	square wall wash trimless	
	QWTMW	square wall wash trimless millwork	
LED	SW	standard white	
DELIVERED LUMENS	05LM	480 lm	
	10LM	860 lm	
Standard Configuration: 3000K 80CRI Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier]			
CCT	27K	2700K	CCT
	30K	3000K	CRI
	35K	3500K	CCT MULTIPLIER FOR LUMEN OUTPUT
	40K	4000K	
CRI	80	80 CRI	
	90	90 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.			

		ORDERING CODE	
MOUNTING OPTIONS SEE PAGE 6, 5	NC	new construction with ceiling fitting plate	
	IC	insulation contact housing	
	ICAT	insulation contact/airtight housing	
	CP	chicago plenum housing	
	RET	retrofit, no ceiling fitting plate	
	NCINH²	new construction with ceiling fitting plate, IC rated, inherently protected	
remote driver housing only			
VOLTAGE	120	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 2 dimming to 1%	
	DALIZ	eldoLED flicker free DALI 2 dimming to 0%	
	LUT	Lutron Hi-lume Ecosystem dimming to 1%, Soft-on & Fade-to-Black	
	LUTP	Lutron Hi-lume Premier Ecosystem dimming to 0.1%, Soft-on & Fade-to-Black	
	ELV1³	leading & trailing edge (Triac/ELV) dimming to 1%	
	NLT	nLight control interface: standard Cat-5/RJ45 connection (female), dim to off	
ELECTRICAL OPTIONS	CAS	Casambi Bluetooth control with flicker free 1% dimming	
	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:
NU1 - QW - SW - 10LM - 35K - 90 - WW - WH - WH - NC - UNV - DIM10 - EM7

NOTES

1. Custom set up fee plus minimum quantity required per color.
2. NCINH available in 05LM.
3. ELV1 (120V) not available in 05LM.

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

TRIM OPTIONS

TRIM/BEZEL COLORS



WH



MC



BK



BZ

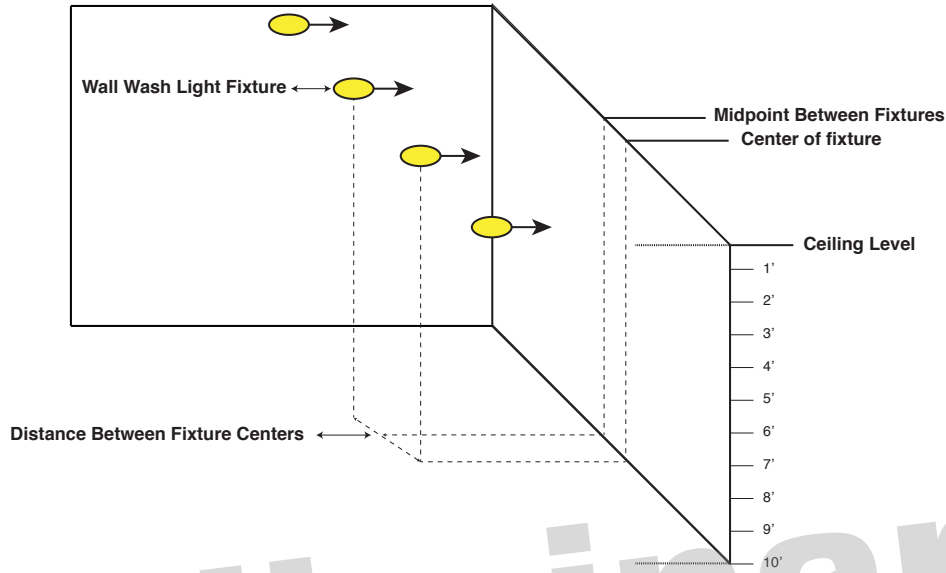


WT

alphabet

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PHOTOMETRIC DATA DIAGRAM



PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

STANDARD WHITE WALL WASH 10LM, 80CRI, 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'	49.3	47.1	38	26.3	36	13.5	11.9	11.9	8.3	7.7	7.3	4.7	1.6	1.6	1.4	1	1.3	0.3
2'	82	81.7	59.1	51.8	51	33.2	44.7	45.8	32	31.2	25.6	21.9	15.8	15.9	12.3	11.8	9.5	6.6
3'	59.3	60	42.2	40.8	34.2	29.2	49.7	51.1	36.4	36.3	28.5	26.7	24.9	25.4	19.7	19.3	14.5	11.5
4'	37.2	37.9	27.1	27.1	21.4	20.5	40	41.3	30.2	30.5	23.6	23.1	25.7	26.3	20.5	20.4	14.8	13
5'	23.3	23.8	17.6	17.8	13.8	13.8	29.1	30	22.7	23	17.9	17.9	22.3	22.9	18.1	18.2	12.9	12
6'	15	15.3	11.7	11.9	9.4	9.5	20.6	21.2	16.5	16.9	13.3	13.4	18	18.6	14.8	15	10.6	10.2
7'	10	10.2	8	8.2	6.6	6.7	14.6	15	12.1	12.3	9.9	10	14.1	14.6	11.8	12	8.5	8.4
8'	6.9	7	5.7	5.8	4.7	4.8	10.5	10.8	8.9	9.1	7.4	7.5	11	11.3	9.3	9.5	6.8	6.8
9'	4.9	5	4.2	4.3	3.5	3.6	7.7	7.9	6.6	6.8	5.6	5.7	8.5	8.8	7.3	7.5	5.4	5.5
10'	3.6	3.6	3.1	3.2	2.7	2.7	5.7	5.9	5.1	5.2	4.3	4.4	6.7	6.8	5.8	5.9	4.4	4.4

STANDARD WHITE WALL WASH 05LM, 80CRI, 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'	27.2	26	20.9	14.5	19.8	7.4	6.6	6.6	4.6	4.2	4	2.6	0.9	0.9	0.8	0.5	0.7	0.2
2'	45.2	45	32.5	28.6	28.1	18.3	24.6	25.3	17.6	17.2	14.1	12.1	8.7	8.8	6.8	6.5	5.2	3.6
3'	32.7	33	23.3	22.5	18.8	16.1	27.4	28.2	20.1	20	15.7	14.7	13.7	14	10.8	10.6	8	6.4
4'	20.5	20.9	15	15	11.8	11.3	22.1	22.8	16.7	16.8	13	12.7	14.2	14.5	11.3	11.3	8.1	7.1
5'	12.8	13.1	9.7	9.8	7.6	7.6	16	16.6	12.5	12.7	9.9	9.9	12.3	12.6	10	10	7.1	6.6
6'	8.2	8.4	6.5	6.6	5.2	5.2	11.4	11.7	9.1	9.3	7.3	7.4	9.9	10.2	8.2	8.3	5.8	5.6
7'	5.5	5.6	4.4	4.5	3.6	3.7	8.1	8.3	6.7	6.8	5.4	5.5	7.8	8	6.5	6.6	4.7	4.6
8'	3.8	3.9	3.1	3.2	2.6	2.7	5.8	5.9	4.9	5	4.1	4.2	6	6.2	5.1	5.2	3.7	3.7
9'	2.7	2.7	2.3	2.3	1.9	2	4.2	4.3	3.7	3.7	3.1	3.2	4.7	4.8	4	4.1	3	3
10'	2	2	1.7	1.8	1.5	1.5	3.2	3.2	2.8	2.8	2.4	2.4	3.7	3.8	3.2	3.3	2.4	2.4

NOTE

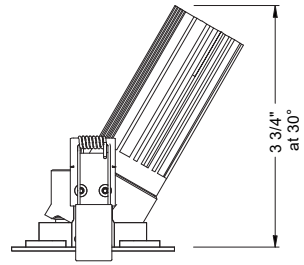
1. Performance based on typical reflectance values and room dimensions. IES files available at ledrabrands.com

alphabet

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MOUNTING OPTIONS

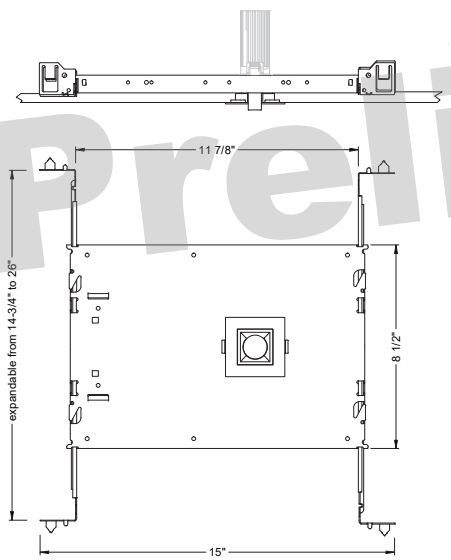
FIXTURE HEIGHT



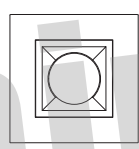
TRIMMED, TRIMLESS & MILLWORK

NC - NEW CONSTRUCTION

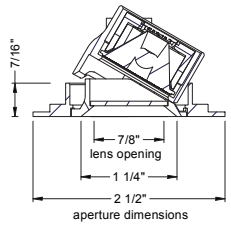
TRIM



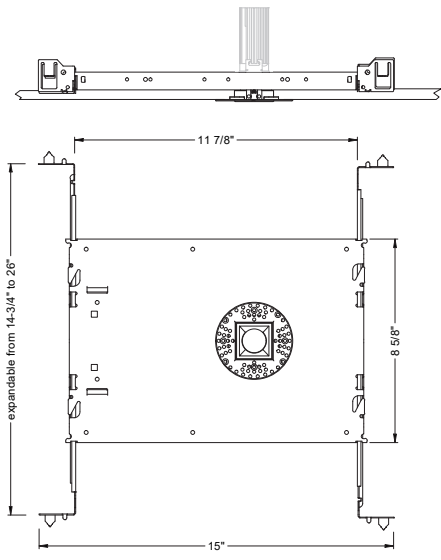
TRIM



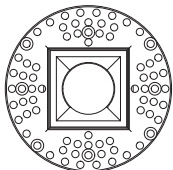
ceiling cutout
2-1/8" square
ceiling thickness
1/8" to 1"



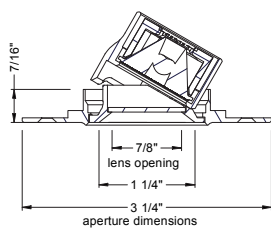
TRIMLESS



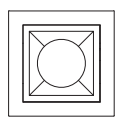
TRIMLESS



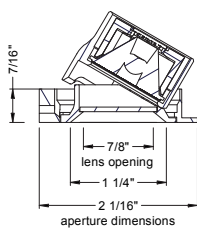
ceiling cutout
2-1/8" square
ceiling thickness
1/8" to 1"



TRIMLESS/MILLWORK



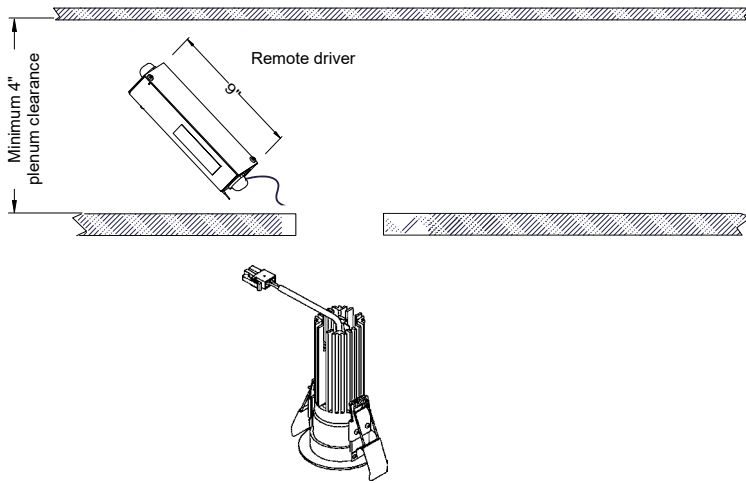
ceiling cutout
2-1/8" square
ceiling thickness
1/8" to 1"



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MOUNTING OPTIONS

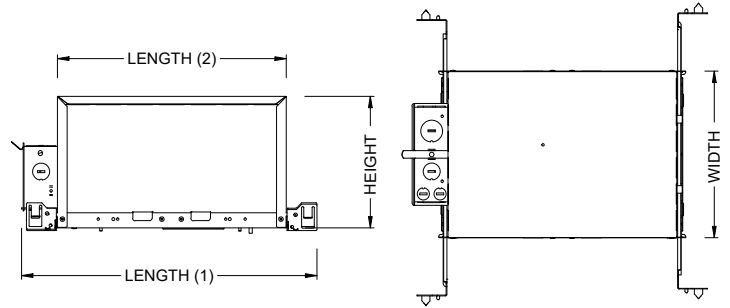
RET - RETRO TRIM/TRIMLESS



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	✓	✓	✓	✓	✓

CEILING THICKNESS		
FIXTURE TYPE	MOUNTING TYPE	
	NC, IC, ICAT, CP, RET	NC, IC, ICAT, CP, RET
	STANDARD CEILING THICKNESS	CEILING CUTOUT
TRIM	1/8" to 1.0"	2-1/8" square
TRIMLESS	1/8" to 1.0"	2-1/8" square
MILLWORK (TRIMLESS)	1/8" to 1.0"	2-1/8" square

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



BOX SIZE	L1	L2	W	H
A	15 - 7/16"	11 - 3/4"	8 - 1/2"	6 - 3/4"
B	15 - 7/16"	11 - 3/4"	8 - 1/2"	11 - 3/4"

BOX TYPE / LUMEN OUTPUT - STANDARD BEAMS (12°-60°)						
LUMEN OUTPUT	BOX - A			BOX - B		
	CP	IC	ICAT	CP	IC	ICAT
05LM	✓	✓	✓			
10LM				✓	✓	✓

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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

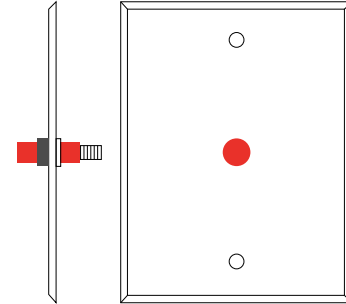
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

EMERGENCY BATTERY ACCESS

Above ceiling access is recommended for ease of service, but LED Fixture Sizes of 4" and Larger are capable of below ceiling access. IC/ICAT/CP Box and ITS option require an access panel in the ceiling (or other form of access) adjacent to the installation location of the Emergency Battery.

REMOTE LOCATION

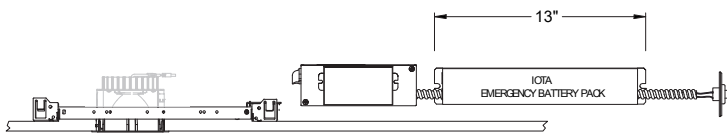
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/Building Codes.



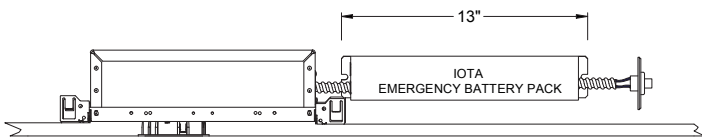
Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (05LM TO 10LM)	600	700	800
Notes:Based on 30K, 80CRI			

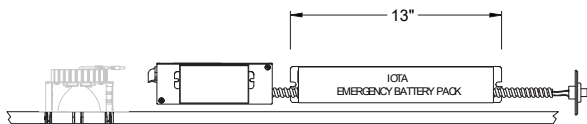
NC - NEW CONSTRUCTION WITH EM BATTERY (REMOTE TEST SWITCH)



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

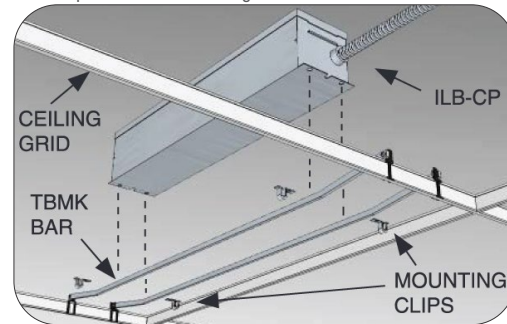


RET - RETROFIT WITH EM BATTERY (REMOTE TEST SWITCH)



Accessory

76066 Optional T-Grid Mounting Kit¹



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