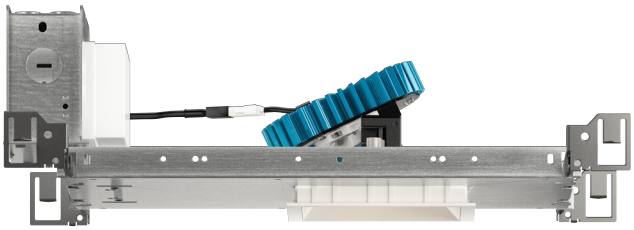
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU4

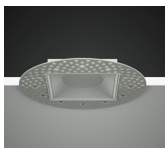
4" Square Wall Wash Warm Dim

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





Trim



Trimless



Trimless Millwork

WW BEAM (Note: Specifications are subject to change without notice)		
14mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	**NOMINAL DELIVERED LUMENS**	**SYSTEM WATTAGE**
10LM	870LM @30K/97CRI	13W
13LM	1130LM @30K/97CRI	17W
20LM	1530LM @30K/97CRI	27W
30LM	2320LM @30K/97CRI	40W
Notes	Delivered lumens based on WW optic with no lens, (see page 2)	

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
- UGR < 12
- 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%
- DMX dim to zero
- Lutron Hi-lumen 2-Wire (Eco System) dimming to 0.1% and 1%
- Leading & trailing edge (Triac/ELV) dimming to 1%
- Casambi 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 signal connectivity
- Shatter proof acrylic bezel lens
- Electrocoated 16-gauge cold-rolled steel construction
- Accommodates ceiling thickness from 1/8" to 1-1/4"

LED

- Luminus Dim-to-warm COB: 97 CRI: SDCM = 3-step MacAdam Ellipse; Lumen Maintenance: L_{70} > 54,000 hrs

LISTING

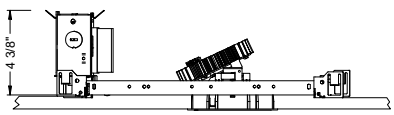
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- **Declare.** - LBC Red List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

ELECTRICAL

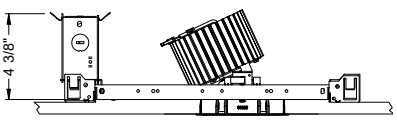
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote and Integral (ITS) emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

FIXTURE HEIGHT

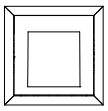
10LM - 20LM LOW LUMENS



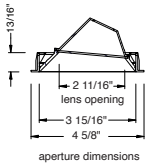
30LM HIGH LUMENS



TRIMMED

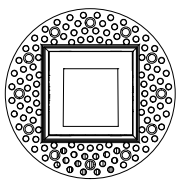


ceiling cutout
4-1/4" square
ceiling thickness
1/8" to 1-1/4"

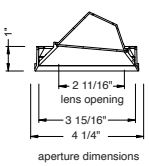


aperture dimensions

TRIMLESS

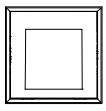


ceiling cutout
4-1/2" square
ceiling thickness
3/8" to 1-1/4"

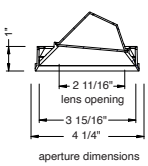


aperture dimensions

MILLWORK



ceiling cutout
4-1/4" square
ceiling thickness
5/8" to 1-1/4"



aperture dimensions

100096

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.

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

WW BEAM ORDERING CODE

SERIES	**NU4**	NU4
TYPE	**QW**	square wall wash
	QWT	square wall wash trimless
	QWTMW	square wall wash trimless millwork
LED	**WD**	warm dim (Luminus)
DELIVERED LUMENS	**10LM**	870 lm
	13LM	1130 lm
	20LM	1530 lm
	30LM	2320 lm
	Standard Configuration: 3000K 97CRI **Calculated Delivered Lumens** = [Delivered Lumen Value] x [CCT Multiplier] x [Reflector 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
	CC[1]	custom color, consult factory for details
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.	
BEZEL COLOR SEE PAGE 3	**BK**	black
	WH	white
	MC	matte chrome
	BZ	bronze
	WT	wheat
	CC[1]	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
	IC[2]	insulation contact housing
	ICAT[2]	insulation contact/airtight housing
	CP[2]	chicago plenum housing
	RET	retrofit, no ceiling fitting plate
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%
	DMXZ	DMX dim to zero
	ELV1[3]	leading & trailing edge (Triac/ELV) dimming to 1%
	LUTP[4]	Lutron Hi-lume Premier Ecosystem dimming to 0.1%, Soft-on & Fade-to-Black
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:

NU4 - QW - WD - 10LM - 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. ELV1 (120V) not available in 10LM.
4. LUTP not available in 20LM/30LM.

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

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

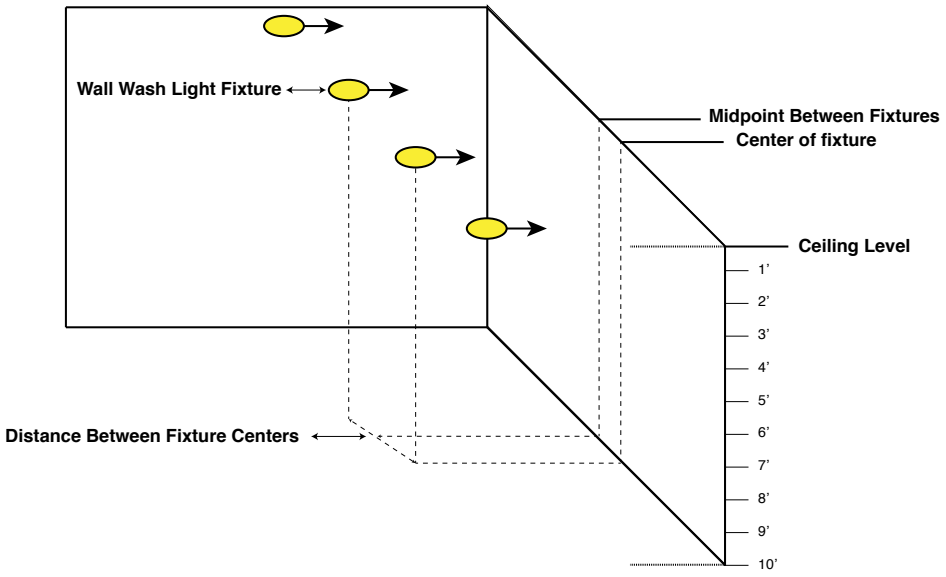
TRIM OPTIONS

TRIM/BEZEL COLORS



WH MC BK BZ WT

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					
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'	61.1	71.2	39.9	45.2	36.3	26.3	14.2	15.7	9.8	11.4	7.6	8	4.5	4.7	3.3	3.7	2.6	2.2
2'	136.9	143.1	91.8	95.6	75	66.7	68.4	76.9	48.3	52.8	34.8	39.3	20.2	23	15.3	17.8	10	11.3
3'	102.7	106.8	72.1	75.5	55.8	56.3	82.7	88.4	60.9	63.6	45.5	48.2	39.4	43.4	30.9	33.2	20.3	21.6
4'	67	69.5	49.8	51.9	38.6	40.2	67.1	70.8	51.7	53.9	39.8	41.7	42.8	45.6	34.2	35.8	23	23.9
5'	43.3	44.8	33.9	35.3	26.9	28	49.6	51.8	39.8	41.4	31.7	33	37.7	39.7	30.7	32	21	22
6'	28.7	29.5	23.4	24.4	19.2	19.9	35.8	37.1	29.8	30.9	24.4	25.4	30.8	32.3	25.7	26.7	18	18.9
7'	19.6	20	16.5	17.2	13.9	14.4	25.9	26.7	22.2	23	18.6	19.4	24.5	25.5	20.9	21.7	15.1	15.7
8'	13.8	14.1	12	12.4	10.3	10.7	19	19.5	16.7	17.2	14.3	14.9	19.2	20	16.8	17.4	12.4	13
9'	10	10.2	8.9	9.2	7.8	8.1	14.2	14.5	12.7	13.1	11.1	11.6	15.2	15.7	13.4	13.9	10.3	10.7
10'	7.5	7.6	6.8	7	6	6.2	10.8	11	9.8	10.1	8.8	9.1	12	12.4	10.8	11.2	8.5	8.8

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

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'	40.2	46.9	26.3	29.7	23.9	17.3	9.3	10.4	6.4	7.5	5	5.3	2.9	3.1	2.2	2.5	1.7	1.5
2'	90.2	94.2	60.5	63	49.4	43.9	45.1	50.6	31.8	34.8	22.9	25.9	13.3	15.1	10.1	11.7	6.6	7.4
3'	67.6	70.4	47.5	49.7	36.7	37.1	54.5	58.2	40.1	41.9	30	31.7	26	28.6	20.3	21.9	13.4	14.2
4'	44.1	45.8	32.8	34.2	25.4	26.5	44.2	46.6	34	35.5	26.2	27.5	28.2	30.1	22.5	23.6	15.1	15.7
5'	28.5	29.5	22.3	23.2	17.7	18.5	32.7	34.1	26.2	27.2	20.9	21.7	24.8	26.2	20.2	21.1	13.9	14.5
6'	18.9	19.4	15.4	16	12.6	13.1	23.6	24.4	19.6	20.3	16	16.7	20.3	21.3	16.9	17.6	11.9	12.4
7'	12.9	13.2	10.9	11.4	9.2	9.5	17	17.6	14.6	15.1	12.3	12.8	16.1	16.8	13.7	14.3	9.9	10.4
8'	9.1	9.3	7.9	8.2	6.8	7.1	12.5	12.8	11	11.4	9.4	9.8	12.7	13.2	11	11.4	8.2	8.5
9'	6.6	6.7	5.9	6.1	5.1	5.3	9.3	9.6	8.4	8.6	7.3	7.6	10	10.4	8.9	9.2	6.8	7
10'	4.9	5	4.5	4.6	4	4.1	7.1	7.2	6.5	6.6	5.8	6	7.9	8.2	7.1	7.4	5.6	5.8

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'	29.7	34.7	19.4	22	17.7	12.8	6.9	7.7	4.8	5.5	3.7	3.9	2.2	2.3	1.6	1.8	1.3	1.1
2'	66.7	69.7	44.7	46.6	36.5	32.5	33.3	37.4	23.5	25.7	16.9	19.1	9.8	11.2	7.4	8.7	4.9	5.5
3'	50	52	35.1	36.8	27.2	27.4	40.3	43	29.6	31	22.2	23.5	19.2	21.2	15	16.2	9.9	10.5
4'	32.6	33.9	24.2	25.3	18.8	19.6	32.7	34.5	25.2	26.2	19.4	20.3	20.8	22.2	16.7	17.4	11.2	11.6
5'	21.1	21.8	16.5	17.2	13.1	13.7	24.2	25.2	19.4	20.1	15.4	16.1	18.3	19.4	15	15.6	10.2	10.7
6'	14	14.4	11.4	11.9	9.3	9.7	17.4	18.1	14.5	15	11.9	12.3	15	15.7	12.5	13	8.8	9.2
7'	9.5	9.8	8.1	8.4	6.8	7	12.6	13	10.8	11.2	9.1	9.4	11.9	12.4	10.2	10.5	7.3	7.7
8'	6.7	6.9	5.9	6.1	5	5.2	9.3	9.5	8.1	8.4	7	7.3	9.4	9.7	8.2	8.5	6.1	6.3
9'	4.9	5	4.3	4.5	3.8	4	6.9	7.1	6.2	6.4	5.4	5.6	7.4	7.7	6.5	6.8	5	5.2
10'	3.6	3.7	3.3	3.4	2.9	3	5.3	5.3	4.8	4.9	4.3	4.4	5.9	6	5.3	5.4	4.1	4.3

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'	22.9	26.7	15	16.9	13.6	9.9	5.3	5.9	3.7	4.3	2.8	3	1.7	1.8	1.3	1.4	1	0.8
2'	51.3	53.7	34.4	35.9	28.1	25	25.7	28.8	18.1	19.8	13	14.7	7.6	8.6	5.7	6.7	3.7	4.2
3'	38.5	40.1	27	28.3	20.9	21.1	31	33.1	22.8	23.8	17.1	18.1	14.8	16.3	11.6	12.5	7.6	8.1
4'	25.1	26.1	18.7	19.4	14.5	15.1	25.2	26.5	19.4	20.2	14.9	15.7	16	17.1	12.8	13.4	8.6	9
5'	16.2	16.8	12.7	13.2	10.1	10.5	18.6	19.4	14.9	15.5	11.9	12.4	14.1	14.9	11.5	12	7.9	8.3
6'	10.7	11.1	8.8	9.1	7.2	7.5	13.4	13.9	11.2	11.6	9.1	9.5	11.5	12.1	9.6	10	6.8	7.1
7'	7.3	7.5	6.2	6.5	5.2	5.4	9.7	10	8.3	8.6	7	7.3	9.2	9.6	7.8	8.1	5.7	5.9
8'	5.2	5.3	4.5	4.7	3.9	4	7.1	7.3	6.3	6.5	5.4	5.6	7.2	7.5	6.3	6.5	4.7	4.9
9'	3.8	3.8	3.3	3.5	2.9	3	5.3	5.4	4.8	4.9	4.2	4.3	5.7	5.9	5	5.2	3.8	4
10'	2.8	2.8	2.5	2.6	2.3	2.3	4	4.1	3.7	3.8	3.3	3.4	4.5	4.7	4.1	4.2	3.2	3.3

NOTE

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

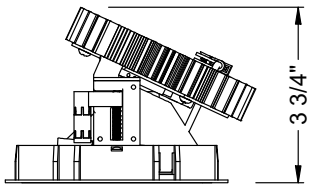
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PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

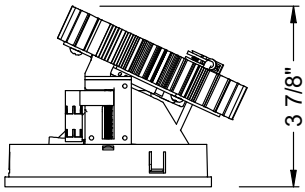
MOUNTING OPTIONS

FIXTURE HEIGHT

10LM - 20LM CONFIGURATION

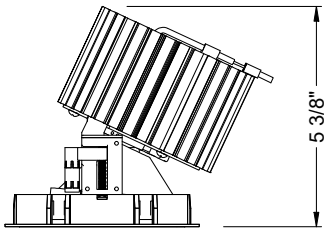


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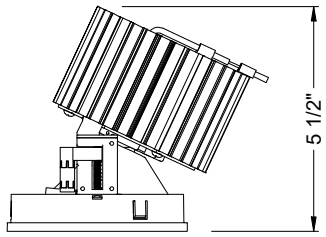


TRIMLESS & MILLWORK

30LM CONFIGURATION



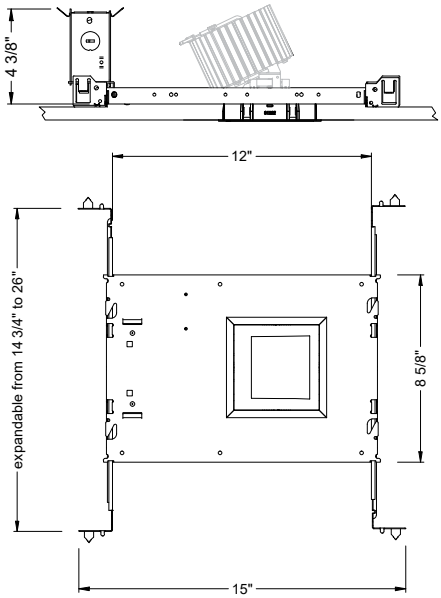
TRIMMED



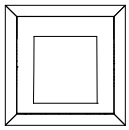
TRIMLESS & MILLWORK

NC - NEW CONSTRUCTION

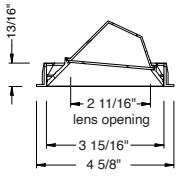
TRIM



TRIM

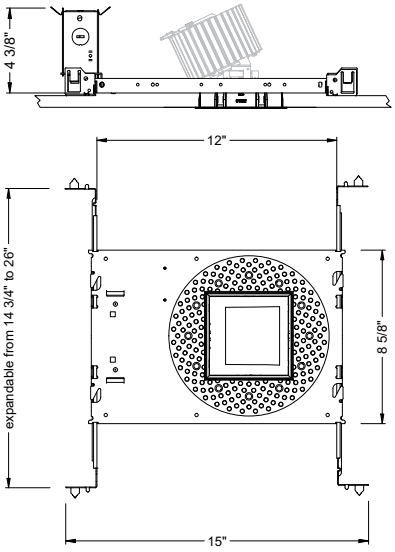


ceiling cutout
4-1/4" square
ceiling thickness
1/8" to 1-1/4"

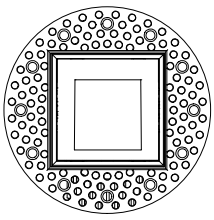


aperture dimensions

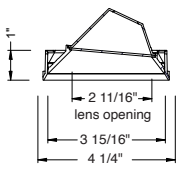
TRIMLESS



TRIMLESS

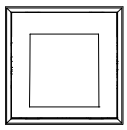


ceiling cutout
4-1/2" square
ceiling thickness
3/8" to 1-1/4"

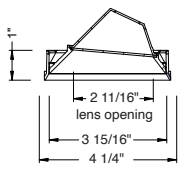


aperture dimensions

TRIMLESS/MILLWORK



ceiling cutout
4-1/4" square
ceiling thickness
5/8" to 1-1/4"



aperture dimensions

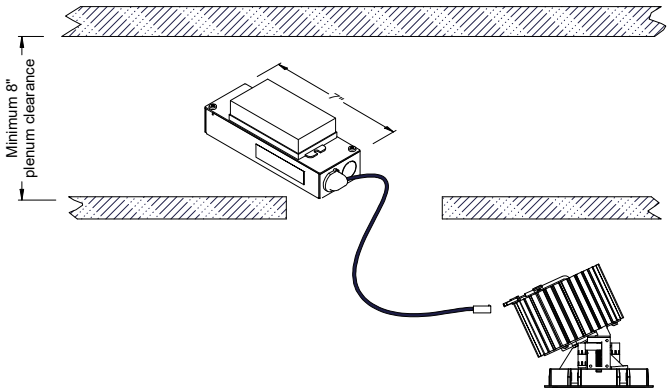
100096

alphabet

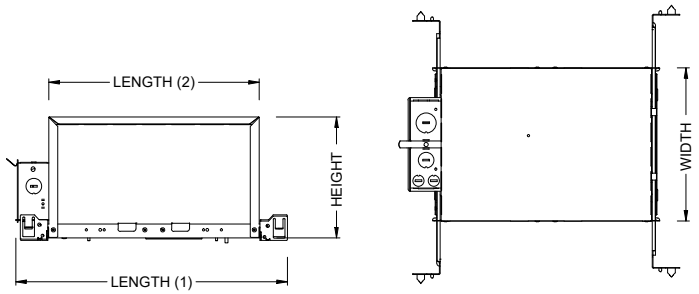
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS (CONTINUED)

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
	NC,RET,IC .ICAT ,CP
	STANDARD CEILING THICKNESS
TRIM	1/8" to 1-1/4"
TRIMLESS	3/8" to 1-3/4"
MILLWORK (TRIMLESS)	1/2" to 1-3/4"

alphabet

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 Luminares.

REMOTE TEST SWITCH

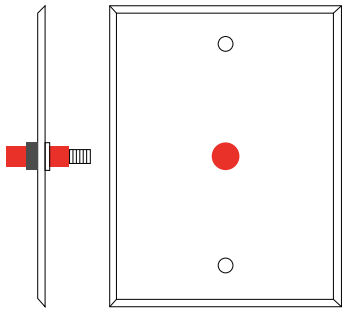
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

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

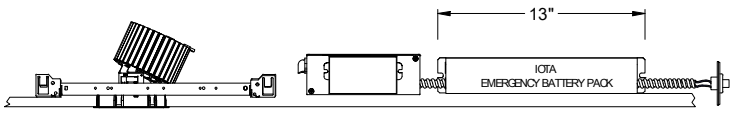
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



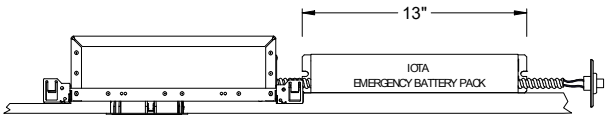
Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 30LM)	450LM	670LM	800LM
Notes: Based on 30K,97CRI			

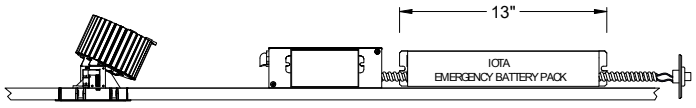
NC - NEW CONSTRUCTION
WITH EM BATTERY (REMOTE TEST SWITCH)



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

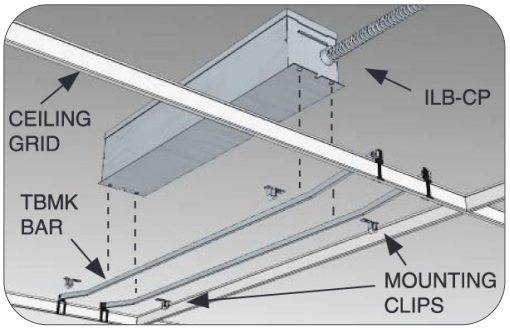


RET - RETROFIT
WITH EM BATTERY (REMOTE TEST SWITCH)



Accessory

76066 Optional T-Grid Mounting Kit[1]



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