

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

NU4 LOPRO

4" Square Wall Wash Standard White



AT
airtight

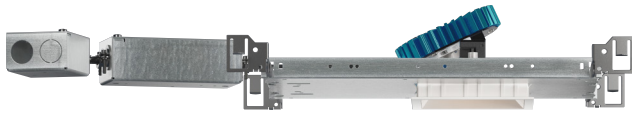
DF
dead-front



plenum rated



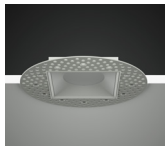
wet rated



WW BEAM		
(Note: Specifications are subject to change without notice)		
9mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	830LM @30K/80CRI	9W
15LM	1250LM @30K/80CRI	13W
20LM	1705LM @30K/80CRI	17W
25LM	2075LM @30K/80CRI	21W
30LM	2580LM @30K/80CRI	29W
10LM	700LM @30K/90CRI	9W
15LM	1055LM @30K/90CRI	13W
20LM	1440LM @30K/90CRI	17W
25LM	1750LM @30K/90CRI	21W
30LM	2180LM @30K/90CRI	29W
Notes	Delivered lumens based on WW optic (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
- UGR <18
- Double jointed driver box allows for 4" shallow plenum installation
- Multiple mounting, glare control options, trims, and finishes available

LED

- 90 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L₇₀ > 66,000 hrs
- 80 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L₇₀ > 66,000 hrs

DIMMING AND CONTROLS

- 0-10V dimming to 1%
- leading & trailing edge (Triac / ELV) dimming to 1%

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)
- Made in the USA - meets the requirements of the Buy American provision within the ARRA
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- 5 Year Limited warranty

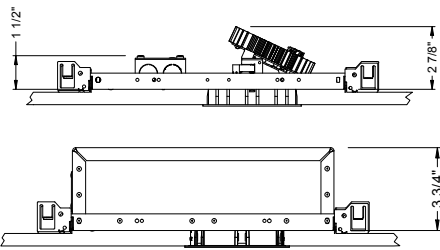
CONSTRUCTION

- Shatter proof acrylic bezel lens
- Lexan™ (PC) Optimal connectivity for wireless control signal
- Impact and chemical resistant at the highest level
- Withstands temperatures up to 240°F
- Electrocoated 16-gauge cold-rolled steel construction
- Accommodates ceiling thickness from 1/8" to 1-1/4"

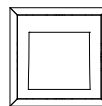
ELECTRICAL

- 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)

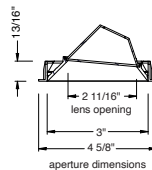
FIXTURE HEIGHT



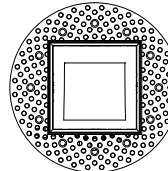
TRIMMED



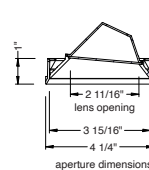
ceiling cutout
4-3/8" square
ceiling thickness
1/8" to 1-1/4"



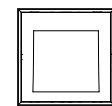
TRIMLESS



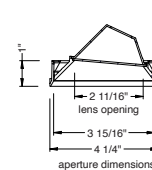
ceiling cutout
4-1/4" square
ceiling thickness
3/8" to 1-3/4"



MILLWORK



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



alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

WW BEAM ORDERING CODE		
SERIES	NU4	NU4
TYPE	QWLP	square wall wash, lopro
	QWTLP	square wall wash, trimless, lopro
	QWTMWLP	square wall wash, trimless millwork, lopro
LED	SW	standard white
DELIVERED LUMENS	10LM	830 lm
	15LM	1250 lm
	20LM	1705 lm
	25LM	2075 lm
	30LM	2580 lm
	Standard Configuration: 3000K 80CRI Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier]	
CCT	27K	2700K
	30K	3000K
	35K	3500K
	40K	4000K
CRI	80	80 CRI
	90	90 CRI
OPTIC & LM MULTIPLIER	WW	wall wash with diffused angle bending lens
TRIM COLOR	BK	black
	WH	white
	MC	matte chrome
	WT	wheat
	BZ	bronze
Not applicable to trimless option. Do not include in trimless ordering code.		
BEZEL COLOR	BK	black (0.98)
	WH	white (1.00)
	MC	matte chrome (0.99)
	WT	wheat (0.99)
	BZ	bronze (0.98)

WW BEAM ORDERING CODE		
MOUNTING OPTIONS SEE PAGE 5, 6	NC	new construction with ceiling fitting plate
	IC ¹	insulation contact housing
	RET	retrofit, no ceiling fitting plate
VOLTAGE	120	120V
	UNV	120V-277V
DIMMING	DIM10	eldoLED flicker free 0-10V dimming to 1%
	ELV1 ²	leading & trailing edge (Triac/ELV) dimming to 1%
ELECTRICAL OPTIONS	EM7	emergency battery backup, 90 minutes at 7W to LED
	EM12 ³	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 - QWLP - SW - 20LM - 35K - 90 - WW - WH - WH - NC - UNV - DIM10 - EM7

NOTES

1. IC not available in 30LM.
2. ELV (120V) not available in 10LM.
3. EM12 not available in 10LM.

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM/BEZEL COLORS



WH



MC



BK

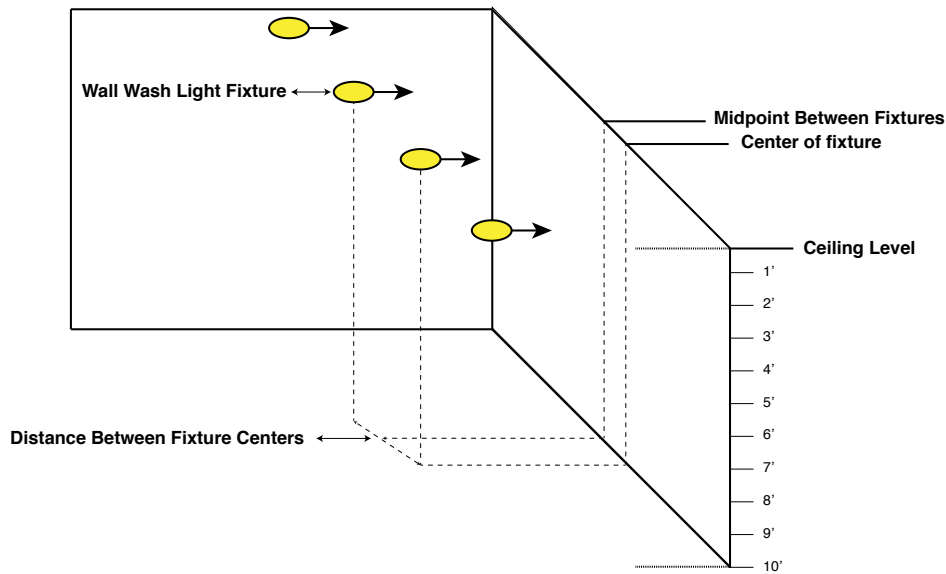


BZ



WT

PHOTOMETRIC DATA DIAGRAM



PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

Static White Wall Wash 30LM, 80CRI, 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'	28	27	21	17	18	11	16	15	13	11	9.21	7	11	9.15	7	6	4	3
2'	78	76	60	47	54	25	38	36	28	25	21	18	18	15	12	11	8	5
3'	96	95	68	63	59	37	63	62	45	42	35	31	28	26	20	18	16	9
4'	76	75	52	51	42	35	68	66	47	46	35	33	37	34	26	25	20	13
5'	57	57	39	39	30	29	60	58	52	41	30	28	38	36	28	27	19	15
6'	44	44	31	31	23	23	51	47	35	34	25	23	35	34	26	25	17	15
7'	35	35	25	25	18	19	43	39	30	29	21	18	32	30	23	22	15	14
8'	30	29	21	21	15	16	37	33	26	25	18	15	28	26	21	20	13	12
9'	26	26	18	19	14	14	32	28	23	22	15	13	25	23	18	18	12	11
10'	21	21	15	16	11	11	26	23	19	18	12	10	21	19	16	15	10	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 (CONTINUED)

FOOT CANDLE MEASUREMENT

Static White Wall Wash 25LM, 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'	23	22	17	14	15	9	13	12	10	9	7	6	7	7	5	5	3	3
2'	63	62	49	38	43	21	30	30	21	20	15	13	13	12	10	9	7	5
3'	78	77	55	51	48	31	54	51	35	34	26	23	21	21	1621	15	13	8
4'	61	61	42	42	34	28	55	55	38	37	28	27	28	28	22	20	16	12
5'	46	46	32	32	24	23	49	49	34	33	25	25	30	29	21	22	16	13
6'	36	35	25	25	18	18	41	41	29	28	21	21	28	27	18	20	14	13
7'	29	29	20	20	15	15	35	35	24	23	17	18	25	24	16	18	12	11
8'	25	24	17	17	13	12	29	30	21	20	15	15	22	22	15	16	10	10
9'	22	21	15	15	11	11	26	26	18	18	13	13	20	19	15	14	9	9
10'	18	17	12	13	9	9	22	21	15	15	11	11	16	16	12	12	8	7

Static White Wall Wash 20LM, 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'	19	18	14	11	12	7	11	10	7	7	6	5	6	6	5	4	3	2
2'	52	51	40	32	36	16	25	24	17	17	14	10	11	10	8	7	6	4
3'	54	63	45	42	39	25	42	42	30	28	24	19	18	17	13	12	10	7
4'	50	50	35	34	28	23	45	45	31	30	24	22	23	23	18	17	13	10
5'	38	38	26	26	20	19	40	40	27	27	21	20	24	24	18	18	13	11
6'	29	29	20	20	15	15	34	33	23	23	17	17	23	23	17	17	11	10
7'	24	24	16	17	12	12	28	28	20	19	14	14	20	20	15	15	10	9
8'	20	20	14	14	10	11	24	23	17	17	12	12	18	18	14	13	9	8
9'	17	17	12	13	9	9	21	21	15	14	11	11	16	16	12	12	8	7
10'	14	14	10	10	7	8	18	17	12	12	9	9	13	13	10	10	6	6

Static White Wall Wash 15LM, 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'	14	13	11	8	9	5	8	7	6	5	4	4	5	5	4	3	2	2
2'	39	38	30	23	27	13	18	18	13	12	11	8	8	8	6	6	4	3
3'	47	47	34	31	29	19	31	31	22	21	18	14	14	13	10	9	8	5
4'	38	37	26	26	24	17	33	33	23	23	18	16	18	17	13	13	10	7
5'	28	258	20	20	15	14	30	30	21	20	15	15	19	18	14	13	10	8
6'	22	22	16	15	11	11	25	25	17	17	13	13	17	17	13	12	8	8
7'	18	17	13	12	9	9	21	21	15	14	11	11	16	15	11	11	7	7
8'	15	15	11	11	8	7	18	18	13	12	9	9	14	14	10	10	6	6
9'	13	13	10	9	7	7	16	15	11	11	8	8	13	12	9	9	6	5
10'	11	10	8	8	5	5	13	13	9	9	7	7	11	10	8	7	5	5

Static 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'	10	10	7	7	6	4	7	7	5	5	4	3	4	4	3	3	2	2
2'	21	21	15	14	12	9	10	10	7	7	5	5	5	5	4	4	2	2
3'	31	31	21	21	17	14	17	17	12	12	9	8	7	7	5	5	3	3
4'	28	28	19	19	15	14	21	21	14	14	11	11	10	10	7	7	5	5
5'	22	22	15	15	12	11	21	20	14	14	11	11	11	11	8	8	6	5
6'	18	17	12	12	9	9	19	18	13	13	10	10	12	12	9	9	6	6
7'	14	14	10	10	7	7	16	15	11	11	8	8	11	11	8	8	5	5
8'	12	11	8	8	6	6	14	13	10	10	7	7	10	10	8	8	5	5
9'	10	10	7	7	5	5	12	11	9	9	6	6	9	9	7	7	4	4
10'	8	9	6	6	4	4	10	9	7	7	5	5	8	8	6	6	4	4

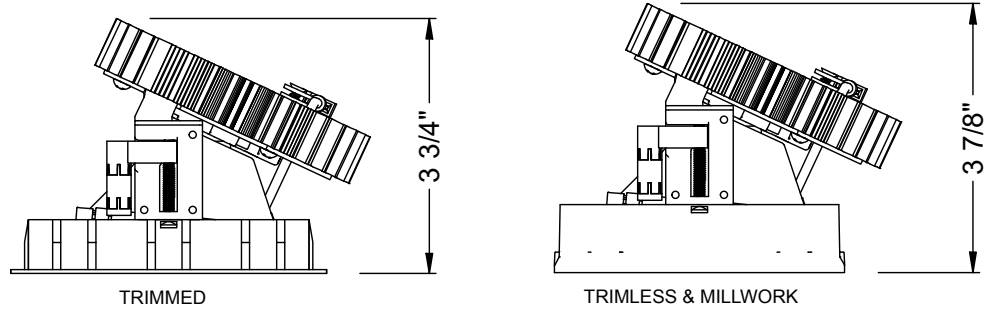
NOTE

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

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

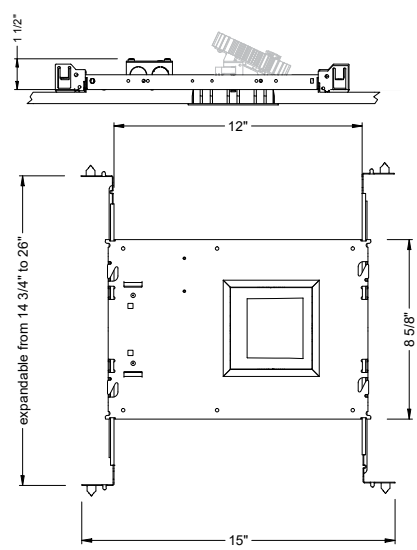
MOUNTING OPTIONS

FIXTURE HEIGHT

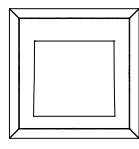


NC - NEW CONSTRUCTION

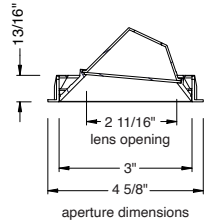
TRIM



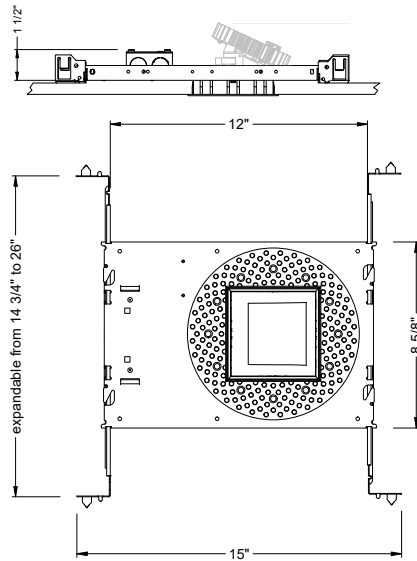
TRIM



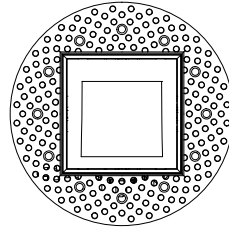
ceiling cutout
4-3/8" square
ceiling thickness
1/8" to 1-1/4"



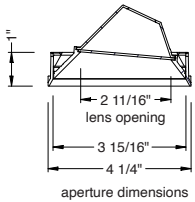
TRIMLESS



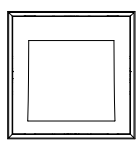
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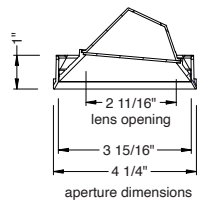
ceiling cutout
4-1/4" square
ceiling thickness
3/8" to 1-3/4"



TRIMLESS/MILLWORK



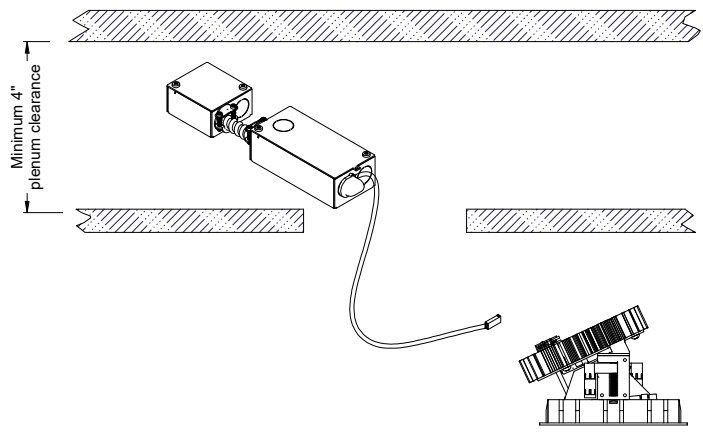
ceiling cutout
4-3/8" square
ceiling thickness
1/2" to 1-3/4"



PROJECT INFORMATION		
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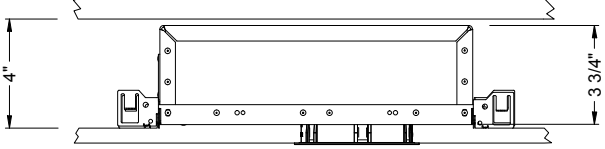
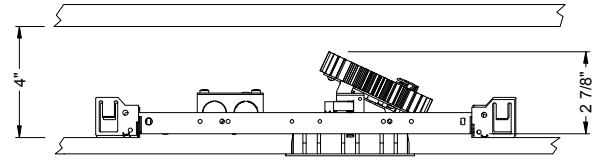
MOUNTING OPTIONS (CONTINUED)

RET - RETRO TRIM/TRIMLESS

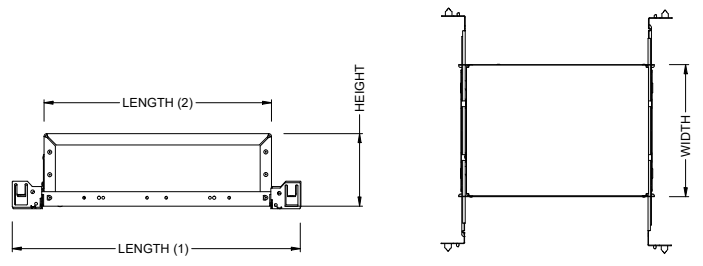


RATINGS / CERTIFICATIONS	NC	RET	IC
TYPE NON-IC	✓	✓	
TYPE IC			✓
CHICAGO PLENUM (CCEA)			
SUITABLE FOR AIR HANDLING PLENUMS	✓	✓	✓
REDUCED AIRFLOW (WITH LENS) ASTM E283	✓	✓	✓

CEILING THICKNESS	
FIXTURE TYPE	MOUNTING TYPE
	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"



IC - INSULATION CONTACT HOUSING



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

BOX TYPE / LUMEN OUTPUT - STANDARD BEAM (WW)	
LUMEN OUTPUT	BOX - A
	IC
10LM	✓
15LM	✓
20LM	✓
25LM	
30LM	

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 electric 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.

INTEGRAL AND REMOTE TEST SWITCH

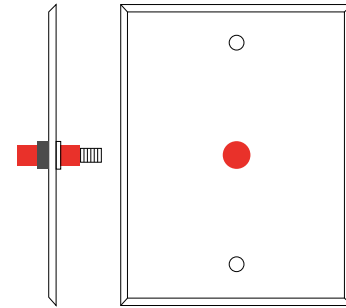
The LED Fixture may be offered with the option for an Integral Test Switch, which is mounted in the Trim/Bezel and pre-wired to the Emergency Circuitry. The Remote Test Switch comes as a standard option, and may be mounted adjacent to the LED Fixture by others.

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

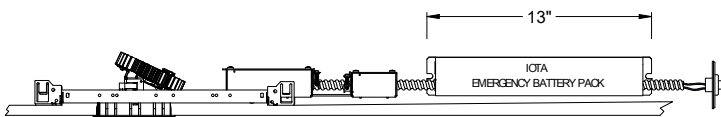
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/Building Codes.



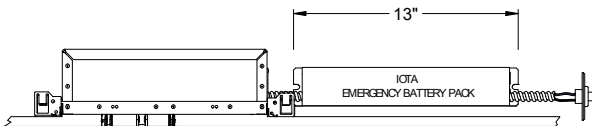
Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 30LM)	580LM	830LM	995LM
Notes: Based on 30K, 80CRI			

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

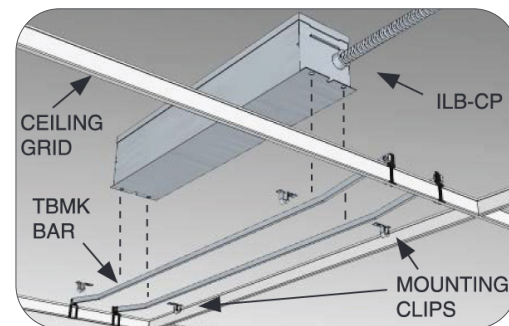


IC - INSULATION CONTACT HOUSING WITH EM BATTERY (REMOTE TEST SWITCH)



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.