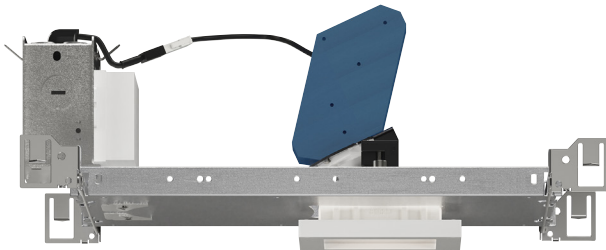


PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

NU3

3" Square Wall Wash
Tamper Resistant Standard White



WW BEAM

(Note: Specifications are subject to change without notice)

14mm COB PERFORMANCE DATA

LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	920LM @30K/80CRI	13W
15LM	1490LM @30K/80CRI	21W
20LM	1820LM @30K/80CRI	27W
25LM	2300LM @30K/80CRI	35W
10LM	800LM @30K/90CRI	13W
15LM	1266LM @30K/90CRI	21W
20LM	1550LM @30K/90CRI	27W
25LM	1960LM @30K/90CRI	35W
Notes	Delivered lumens based on wall wash optic, (see page 2)	

FEATURES

- Designed to meet NYS-OMH rigorous requirements
- Tamper resistant, anti-ligature
- IK10 impact rated, vandal resistant
- UGR <18
- 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-lume 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

- Spun Aluminum 6061 lensing frame
- 18-8 stainless steel tamper resistant screws
- Polycarbonate (3mm) shatter resistant lensing
- Electrocoated 16-gauge cold rolled steel construction
- Accommodates ceiling thickness from 1/8" to 1-1/4"

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

LISTING

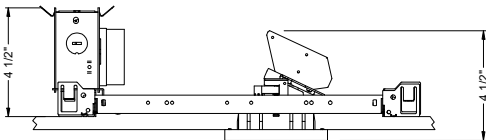
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- NYSOMH - New York State Office of Mental Health compliant
- **Declare.** - LBC Red List Approved
- 5 Year Limited warranty

ELECTRICAL

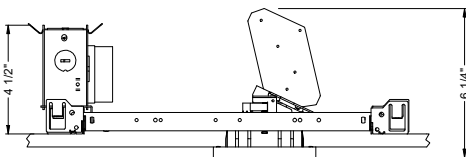
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

FIXTURE HEIGHT

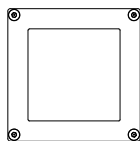
10LM - 20LM LOW LUMENS



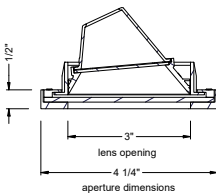
25LM HIGH LUMENS



TAMPER RESISTANT



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



alphabet

ORDERING CODE		
SERIES	NU3	NU3
TYPE	QWTR	square wall wash tamper resistant
LED	SW	standard white
DELIVERED LUMENS	10LM	920 lm
	15LM	1490 lm
	20LM	1820 lm
	25LM	2300 lm
	Standard Configuration: 3000K 80CRI WW Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier] x [Reflector Multiplier]	
CCT	27K	2700K
	30K	3000K
	35K	3500K
	40K	4000K
CRI	80	80 CRI
	90	90 CRI
OPTIC & LM MULTIPLIER SEE PAGE 3, 4	WW	wall wash with diffused angle bending lens
TRIM COLOR SEE PAGE 3	BK	black
	MC	matte chrome
	WH	white
	Antimicrobial finish, add AM to black, white or matte chrome i.e. BKAM. Includes shatter proof lens and tamper resistant screws.	
BEZEL COLOR SEE PAGE 3	BK	black (0.98)
	WH	white (1.00)
	MC	matte chrome (0.99)
	Antimicrobial finish, add AM to black, white or matte chrome i.e. BKAM.	

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

ORDERING CODE		
MOUNTING OPTIONS	NC	new construction with ceiling fitting plate
VOLTAGE	120 UNV	120V 120V-277V
DIMMING	DIM10 DIM10Z DALI DALIZ LUTP ¹	eldoLED flicker free 0-10V dimming to 1% eldoLED flicker free 0-10V dimming to 0% eldoLED flicker free DALI-2 dimming to 1% eldoLED flicker free DALI-2 dimming to 0% Lutron Hi-lume Premier Ecosystem dimming to 0.1%, Soft-on & Fade-to-Black
	ELV1 ² NLT	leading & trailing edge (Triac/ELV) dimming to 1% nLight control interface: standard Cat-5/RJ45 connection (female), dim to off
	CAS	Casambi control with flicker free 1% dimming
	EM7 EM12 EM10CA20	emergency battery backup, 90 minutes at 7W to LED emergency battery backup, 90 minutes at 12W to LED 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)	<i>Extends a pair of Bar Hangers</i> Total Mounting Length: 29" to 48"

YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
NU3 - QWTR - SW - 25LM - 30K - 90 - WW - WH - WH - NC - UNV - DIM10 - EM7

NOTES

- LUTP not available in 25LM
- ELV1 (120V) not available in 10LM.

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

alphabet

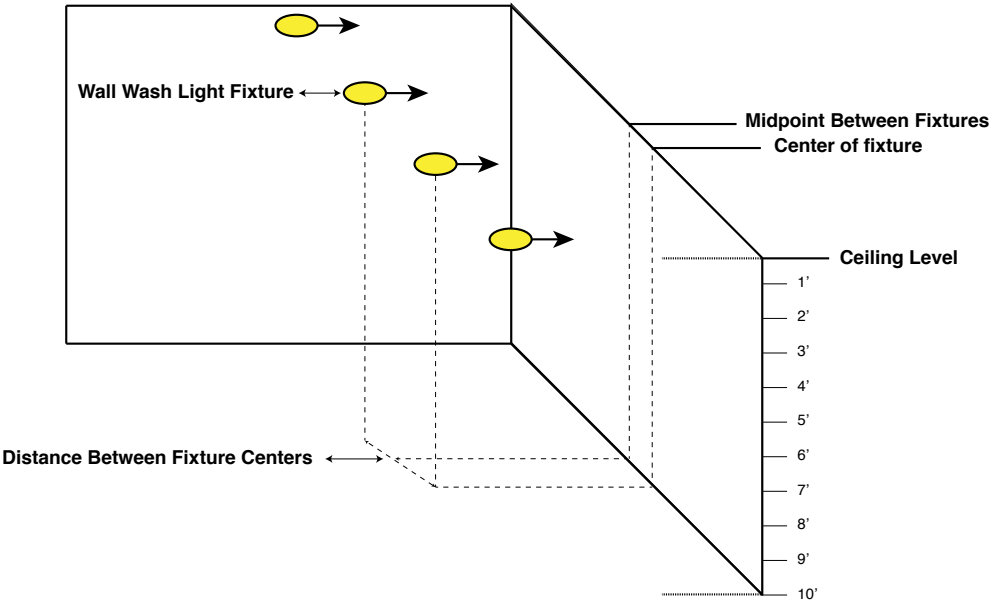
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM COLORS



PHOTOMETRIC DATA DIAGRAM



PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

STANDARD WHITE WALL WASH 25LM 90CRI 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'	21.7	21.5	16.1	13.3	14.3	8	7.5	7.7	5.4	5.2	4.4	3.6	2.4	2.4	1.9	1.8	1.6	1
2'	78.7	83.1	52.9	57	43.6	37.9	21.9	22.6	15.7	16.3	12.3	11.9	6.9	7	5.4	5.4	4	3.3
3'	92.7	95.8	66.4	66.8	50.2	50.2	48.4	50.2	35	36.9	26.3	28.5	15	15.2	11.6	12.1	8.3	7.8
4'	75.2	78.2	56.7	57.3	43.8	43.1	54.6	56.8	42.3	42.8	32.7	33.4	25.1	25.9	19.7	20.8	13.2	14.3
5'	55.2	57.1	43.1	44.3	34.2	34	49.3	50.5	39.1	40.8	31.8	32	28.7	29.5	23.5	23.8	15.9	16.8
6'	39.5	40.8	32	32.9	25.8	26.3	40.8	41.6	33.4	34.8	27.5	28.3	27.9	28.9	23.2	24	16.6	16.7
7'	28.5	29.2	23.8	24.4	19.5	20.1	32.5	33.1	27.3	28.3	22.9	23.7	25.3	25.9	21.3	22.2	15.8	15.7
8'	20.8	21.3	17.8	18.2	15	15.4	25.6	25.9	21.9	22.7	18.8	19.4	21.9	22.4	18.8	19.6	14.2	14.3
9'	15.5	15.8	13.5	13.8	11.6	11.9	20.1	20.4	17.6	18.1	15.3	15.7	18.6	19	16.2	16.8	12.4	12.7
10'	11.7	11.9	10.4	10.7	9.1	9.3	15.8	16	14.1	14.5	12.4	12.8	15.6	15.9	13.8	14.3	10.8	11.1

NOTE

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

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

STANDARD WHITE WALL WASH 20LM 90CRI 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'	19.6	19.4	14.5	12.1	12.9	7.2	6.7	6.9	4.9	4.7	4	3.3	2.2	2.2	1.8	1.6	1.4	0.9
2'	71.2	75.2	47.9	51.6	39.4	34.3	19.8	20.4	14.2	14.7	11.1	10.8	6.2	6.3	4.9	4.9	3.6	3
3'	83.9	86.7	60.1	60.4	45.4	45.4	43.8	45.4	31.6	33.4	23.8	25.8	13.6	13.8	10.5	10.9	7.5	7.1
4'	68	70.8	51.3	51.8	39.7	39	49.4	51.4	38.2	38.7	29.6	30.2	22.7	23.5	17.8	18.8	12	12.9
5'	49.9	51.7	39	40.1	30.9	30.8	44.6	45.7	35.3	37	28.7	29	26	26.7	21.3	21.6	14.4	15.2
6'	35.8	36.9	29	29.8	23.4	23.8	36.9	37.7	30.2	31.5	24.8	25.6	25.2	26.1	21	21.7	15	15.1
7'	25.8	26.4	21.5	22.1	17.7	18.2	29.4	29.9	24.7	25.6	20.7	21.5	22.9	23.4	19.2	20.1	14.3	14.2
8'	18.8	19.2	16.1	16.5	13.5	13.9	23.1	23.5	19.9	20.5	17	17.5	19.8	20.2	17	17.7	12.8	12.9
9'	14	14.3	12.2	12.5	10.5	10.8	18.2	18.4	15.9	16.4	13.8	14.2	16.8	17.2	14.7	15.2	11.2	11.5
10'	10.6	10.8	9.4	9.6	8.2	8.5	14.3	14.5	12.8	13.1	11.2	11.6	14.1	14.4	12.5	12.9	9.7	10

STANDARD WHITE WALL WASH 15LM 90CRI 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'	14.4	14.3	10.7	8.9	9.5	5.3	5	5.1	3.6	3.5	2.9	2.4	1.6	1.6	1.3	1.2	1	0.7
2'	52.4	55.4	35.3	38	29.1	25.3	14.6	15	10.4	10.9	8.2	7.9	4.6	4.7	3.6	3.6	2.7	2.2
3'	61.8	63.9	44.3	44.5	33.4	33.5	32.3	33.5	23.3	24.6	17.5	19	10	10.2	7.8	8	5.5	5.2
4'	50.1	52.2	37.8	38.2	29.2	28.7	36.4	37.9	28.2	28.5	21.8	22.3	16.7	17.3	13.1	13.8	8.8	9.5
5'	36.8	38.1	28.7	29.6	22.8	22.7	32.9	33.7	26	27.2	21.2	21.3	19.2	19.7	15.7	15.9	10.6	11.2
6'	26.4	27.2	21.4	21.9	17.2	17.5	27.2	27.8	22.3	23.2	18.3	18.9	18.6	19.3	15.4	16	11.1	11.1
7'	19	19.5	15.8	16.3	13	13.4	21.7	22	18.2	18.9	15.3	15.8	16.8	17.2	14.2	14.8	10.5	10.5
8'	13.9	14.2	11.8	12.2	10	10.3	17	17.3	14.6	15.1	12.5	12.9	14.6	14.9	12.5	13	9.4	9.5
9'	10.3	10.5	9	9.2	7.7	7.9	13.4	13.6	11.7	12.1	10.2	10.5	12.4	12.6	10.8	11.2	8.3	8.5
10'	7.8	8	6.9	7.1	6.1	6.2	10.6	10.7	9.4	9.7	8.3	8.5	10.4	10.6	9.2	9.5	7.2	7.4

STANDARD WHITE WALL WASH 10LM 90CRI 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'	9	8.9	6.7	5.5	5.9	3.3	3.1	3.2	2.2	2.2	1.8	1.5	1	1	0.8	0.7	0.6	0.4
2'	32.7	34.5	22	23.7	18.1	15.8	9.1	9.4	6.5	6.8	5.1	5	2.9	2.9	2.2	2.2	1.7	1.4
3'	38.5	39.8	27.6	27.7	20.8	20.9	20.1	20.9	14.5	15.3	10.9	11.8	6.2	6.3	4.8	5	3.4	3.3
4'	31.2	32.5	23.6	23.8	18.2	17.9	22.7	23.6	17.6	17.8	13.6	13.9	10.4	10.8	8.2	8.6	5.5	5.9
5'	22.9	23.7	17.9	18.4	14.2	14.1	20.5	21	16.2	17	13.2	13.3	11.9	12.3	9.8	9.9	6.6	7
6'	16.4	17	13.3	13.7	10.7	10.9	16.9	17.3	13.9	14.5	11.4	11.8	11.6	12	9.6	10	6.9	6.9
7'	11.8	12.1	9.9	10.1	8.1	8.3	13.5	13.7	11.4	11.8	9.5	9.9	10.5	10.8	8.8	9.2	6.6	6.5
8'	8.6	8.8	7.4	7.6	6.2	6.4	10.6	10.8	9.1	9.4	7.8	8.1	9.1	9.3	7.8	8.1	5.9	5.9
9'	6.4	6.6	5.6	5.7	4.8	4.9	8.3	8.5	7.3	7.5	6.3	6.5	7.7	7.9	6.7	7	5.2	5.3
10'	4.9	5	4.3	4.4	3.8	3.9	6.6	6.7	5.9	6	5.2	5.3	6.5	6.6	5.7	5.9	4.5	4.6

NOTE

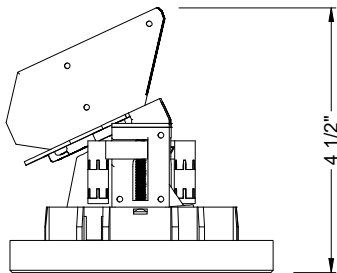
1. Performance based on typical reflectance values and room dimensions. IES files available at [ledrabrands.com](https://www.ledrabrands.com)

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

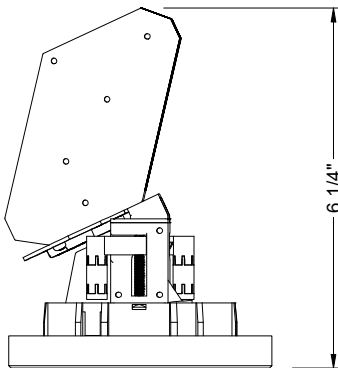
MOUNTING OPTIONS

FIXTURE HEIGHT

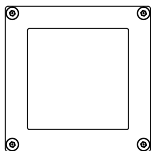
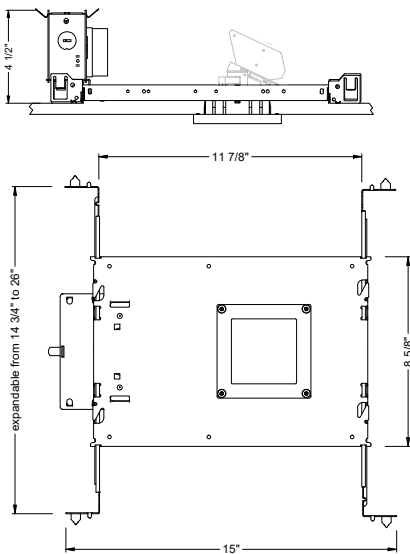
10LM - 25LM LOW LUMENS



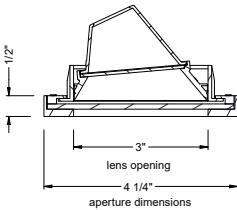
30LM HIGH LUMENS



NC - NEW CONSTRUCTION



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



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

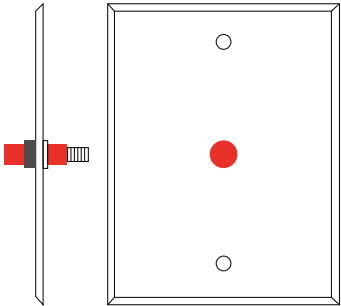
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

EMERGENCY BATTERY ACCESS

Above ceiling access is 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

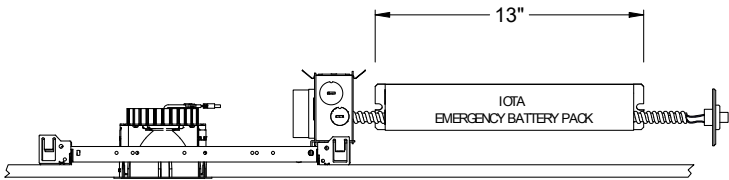
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/Building Codes.



Remote Test Switch

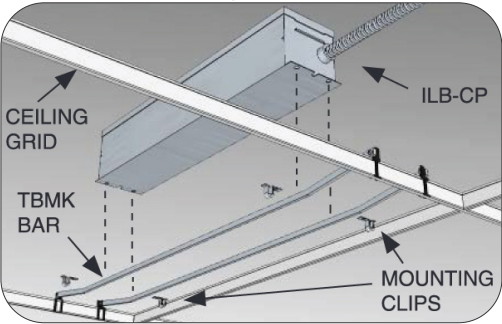
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 25LM)	810LM	1005LM	1380LM
Notes: based on 30K, 80CRI			

NC - NEW CONSTRUCTION
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.