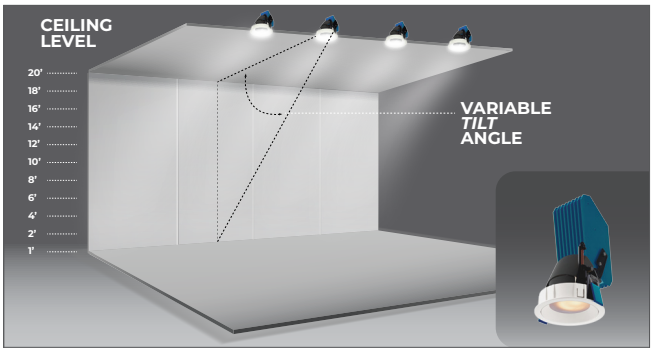
alphabet

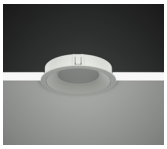
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

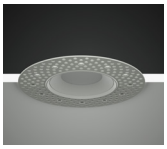
NU3

3" Round Variable Wall Wash Standard White

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 @ 20° TILTING	SYSTEM WATTAGE
10LM	640@30K/80CRI	9
15LM	940@30K/80CRI	13
20LM	1240@30K/80CRI	17
25LM	1480@30K/80CRI	21
30LM	1770@30K/80CRI	26
35LM	2110@30K/80CRI	33
40LM	2450@30K/80CRI	40
10LM	540@30K/90CRI	9
15LM	800@30K/90CRI	13
20LM	1050@30K/90CRI	17
25LM	1260@30K/90CRI	22
30LM	1510@30K/90CRI	27
35LM	1790@30K/90CRI	34
40LM	2090@30K/90CRI	40
Notes	Delivered lumens based on 0° tilting, (see page 2)	

FEATURES
- Light Uniformity from ceiling line (15') to floor with no scalloping
- Achieved through variable (In-field) light angle adjustment with Brightview lensing
- 4' set back with 6' on center spacing - 18.7FC average (15'FF)
- 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%
- DMX dim to zero
- Lutron Hi-lumen 2-Wire (Eco System) dimming to 0.1% and 1.0%
- 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"
- Fixture is pre-set and shipped at 30deg tilt

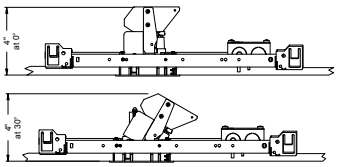
LED
- 90 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 66,000 hrs
- 80 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 66,000 hrs

LISTING
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- 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

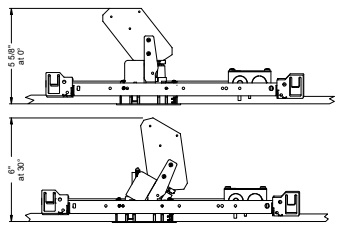
ELECTRICAL
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

FIXTURE HEIGHT

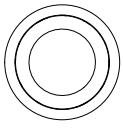
LED LIGHT ENGINE: 1000LM - 3000LM

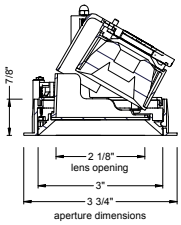


LED LIGHT ENGINE: 3500LM - 4000LM

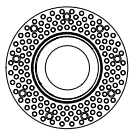


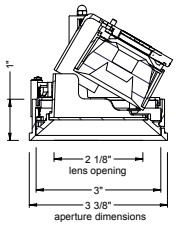
TRIMMED


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

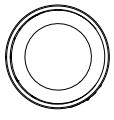


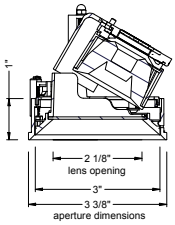
TRIMLESS


ceiling cutout 3-1/2" diameter
ceiling thickness 1/4" to 1 1/4"



MILLWORK


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



alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

WW BEAM ORDERING CODE

SERIES	**NU3**	NU3
TYPE	**RVW**	round variable wall wash
	RVWT	round variable wall wash trimless
	RVWTM	round variable wall wash trimless millwork
LED	**SW**	standard white
DELIVERED LUMENS	**10LM**	640 lm
	15LM	940 lm
	20LM	1240 lm
	25LM	1480 lm
	30LM	1770 lm
	35LM	2110 lm
	40LM	2450 lm
	Standard Configuration: 3000K	
	Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier] x [Optic Multiplier] x [Lens Multiplier]	
CCT	**27K**	2700K
	30K	3000K
	35K	3500K
	40K	4000K

CCT	2700K		3000K		3500K		4000K	
CRI	80+	90+	80+	90+	80+	90+	80+	90+
CCT MULTIPLIER FOR LUMEN OUTPUT	0.96	0.81	1.00	0.85	1.03	0.88	1.06	0.91

CRI	**80**	80 CRI
	90	90 CRI
OPTIC & LM MULTIPLIER SEE PAGE 3 - 7	**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.	
	Not applicable to trimless option. Do not include in trimless ordering code.	
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 6, 7	**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
	LUTP[3]	Lutron Hi-lume Premier Ecosystem dimming to 0.1%, Soft-on & Fade-to-Black
	ELV1[4]	leading & trailing edge (Triac/ELV) dimming to 1%
	NLT	nLight control interface: standard Cat-5/RJ45 connection (female), dim to off
	CAS	Casambi control with flicker free 1% dimming
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:

NU3 - RVW - SW - 20LM - 35K - 90 - 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/35LM/40LM.
3. LUTP not available in 25LM/30LM/35LM/40LM.
4. ELV1 (120V) not available in 10LM.

*EldoLED 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			

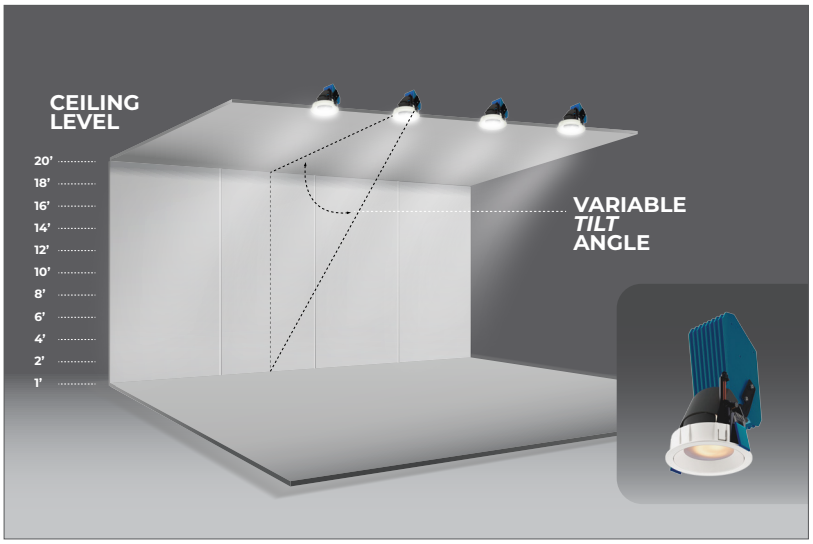
TRIM OPTIONS

TRIM/BEZEL COLORS



PHOTOMETRIC DATA DIAGRAM

TILTING ANGLE	LUMEN @ 40LM
0°	2450
15°	2440
20°	2260
25°	2100
30°	2070

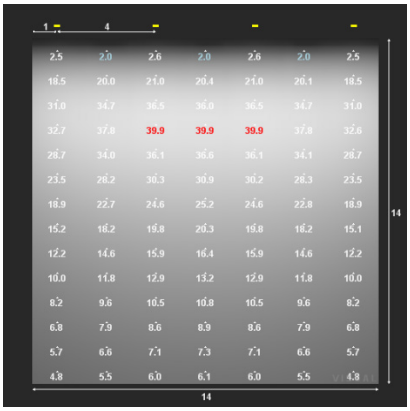


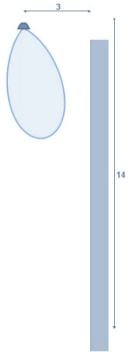
LM PACKAGE	LM MULTIPLIER
10LM	0.26
15LM	0.39
20LM	0.5
25LM	0.6
30LM	0.72
35LM	0.86
40LM	1

PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

WALL WASH AT 15° TILTING, 80CRI, 3000K, 40LM														
MOUNTING DISTANCE	2' FROM WALL				3' FROM WALL				4' FROM WALL					
FIXTURE SPACING	2' ON CENTER		3' ON CENTER		3' ON CENTER		4' ON CENTER		4' ON CENTER		5' 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
1'	31.7	32.4	22.3	20.3	3	3.2	2.6	2	0.5	0.4	0.5	0.3	0.4	0.2
2'	105.1	107.2	74.7	70.6	27.1	27.7	21	20.4	7.9	8.1	6.4	6.4	5.6	5.1
3'	109.1	111.9	78.4	77.5	46.7	47.7	36.4	36	18.8	19.1	15.4	15.3	13.4	12.2
4'	83.8	86.3	61.8	62.6	50.6	51.7	39.8	39.9	26.3	26.8	21.6	21.7	18.7	17.7
5'	59.5	61.3	45.5	46.4	45.2	46.4	36	36.6	28.6	29.2	23.7	23.8	20.3	19.7
6'	41.8	43	33.2	34	37.3	38.3	30.2	30.9	27.3	28	22.8	23.1	19.6	19.4
7'	29.8	30.6	24.4	25.1	29.7	30.6	24.5	25.2	24.4	25	20.5	20.9	17.7	17.7
8'	21.7	22.2	18.3	18.8	23.5	24.2	19.8	20.3	21	21.6	17.9	18.3	15.5	15.6
9'	16.2	16.5	13.9	14.3	18.6	19.1	15.9	16.4	17.7	18.2	15.3	15.7	13.3	13.6
10'	12.3	12.5	10.8	11.1	14.8	15.2	12.9	13.2	14.9	15.3	13	13.3	11.4	11.6
11'	9.5	9.7	8.5	8.7	11.9	12.2	10.5	10.8	12.5	12.8	11	11.3	9.7	9.9
12'	7.5	7.6	6.8	6.9	9.6	9.9	8.6	8.9	10.4	10.8	9.3	9.6	8.3	8.5
13'	6	6.1	5.5	5.6	7.9	8.1	7.1	7.3	8.8	9.1	7.9	8.1	7.1	7.3
14'	4.9	4.9	4.5	4.6	6.5	6.7	6	6.1	7.5	7.7	6.8	6.9	6.1	6.3





NOTE

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

alphabet

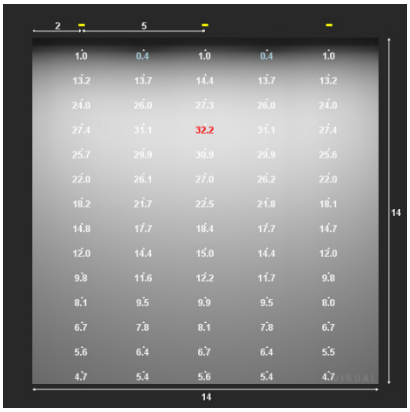
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

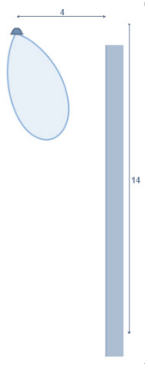
PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

WALL WASH AT 20° TILTING, 80CRI, 3000K, 40LM

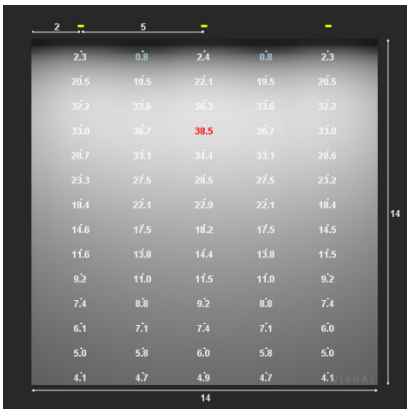
MOUNTING DISTANCE	2' FROM WALL				3' FROM WALL				4' FROM WALL					
FIXTURE SPACING	2' ON CENTER		3' ON CENTER		3' ON CENTER		4' ON CENTER		4' ON CENTER		5' ON CENTER		6' ON CENTER	
DISTANCE FROM CEILING	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT
1'	69.9	70.4	51.6	41.7	8.9	9	7.9	5.6	1.1	0.8	1.1	0.5	1	0.3
2'	157.6	160.7	112.6	104.3	51.1	51.7	40.3	37.5	17.5	17.6	14.4	13.7	12.9	10.4
3'	133	136.7	95.3	94.1	70	71.4	54.6	53.7	33.2	33.6	27.3	26.5	24.2	20.8
4'	91.2	94	67	68	65	66.7	51	51.3	39.4	40.2	32.4	32.3	28.1	26.1
5'	60.5	62.5	46.2	47.1	52.6	54.2	41.8	42.7	38	38.8	31.4	31.7	27	26.1
6'	40.7	42	32.2	33	40.5	41.8	32.7	33.6	33.2	34.2	27.7	28.2	23.8	23.5
7'	28.1	29	23	23.6	30.8	31.8	25.4	26.1	27.8	28.6	23.4	24	20.1	20.2
8'	20	20.5	16.8	17.2	23.5	24.3	19.7	20.3	22.8	23.5	19.4	19.9	16.7	17
9'	14.6	14.9	12.5	12.9	18.1	18.7	15.4	15.9	18.6	19.2	16	16.4	13.9	14.2
10'	10.9	11.1	9.5	9.8	14.1	14.5	12.2	12.6	15.1	15.6	13.2	13.5	11.5	11.8
11'	8.3	8.5	7.4	7.6	11.1	11.4	9.8	10.1	12.4	12.8	10.9	11.2	9.6	9.8
12'	6.5	6.6	5.9	6	8.9	9.1	7.9	8.1	10.2	10.5	9	9.3	8	8.2
13'	5.1	5.2	4.7	4.8	7.2	7.4	6.5	6.7	8.4	8.7	7.6	7.8	6.8	7
14'	4.1	4.2	3.8	3.9	5.9	6	5.3	5.5	7	7.2	6.4	6.6	5.7	5.9

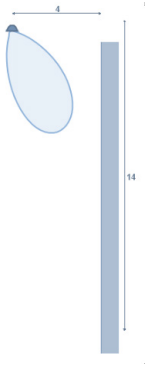




WALL WASH AT 25° TILTING, 80CRI, 3000K, 40LM

MOUNTING DISTANCE	2' FROM WALL				3' FROM WALL				4' FROM WALL					
FIXTURE SPACING	2' ON CENTER		3' ON CENTER		3' ON CENTER		4' ON CENTER		4' ON CENTER		5' 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
1'	104.8	102	80.3	57.7	16.3	15.4	14.7	9.4	2.4	1.5	2.4	0.8	2.3	0.5
2'	187.7	189.6	135.1	121.8	70.3	69.8	56.1	49.9	26.2	25.5	22	19.5	20.1	14.4
3'	140	143.6	100.3	98.5	83.4	84.3	65.3	63.1	43.7	43.6	36.3	34.2	32.3	26.5
4'	89.7	92.4	65.8	66.6	70.8	72.3	55.5	55.6	46.9	47.4	38.7	38	33.8	30.4
5'	56.9	58.7	43.3	44.1	53.9	55.5	42.8	43.6	42.1	42.9	34.8	34.9	30.1	28.6
6'	37	38.1	29.1	29.8	39.9	41.1	32.1	33	35	35.9	29.1	29.6	25.1	24.6
7'	24.9	25.6	20.2	20.7	29.4	30.3	24.1	24.8	28.2	29	23.6	24.2	20.4	20.4
8'	17.3	17.7	14.4	14.8	21.8	22.5	18.3	18.8	22.4	23.1	19	19.5	16.4	16.6
9'	12.4	12.7	10.6	10.8	16.4	16.9	14	14.4	17.8	18.4	15.3	15.7	13.3	13.5
10'	9.1	9.3	7.9	8.1	12.6	12.9	10.9	11.2	14.2	14.7	12.3	12.7	10.8	11
11'	6.9	7	6.1	6.2	9.8	10	8.5	8.8	11.4	11.8	10	10.3	8.8	9
12'	5.3	5.4	4.7	4.9	7.7	7.9	6.8	7	9.2	9.5	8.2	8.4	7.3	7.4
13'	4.1	4.2	3.8	3.8	6.1	6.3	5.5	5.7	7.6	7.8	6.7	7	6	6.2
14'	3.3	3.3	3	3.1	4.9	5.1	4.5	4.6	6.2	6.4	5.6	5.8	5	5.2





NOTE

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

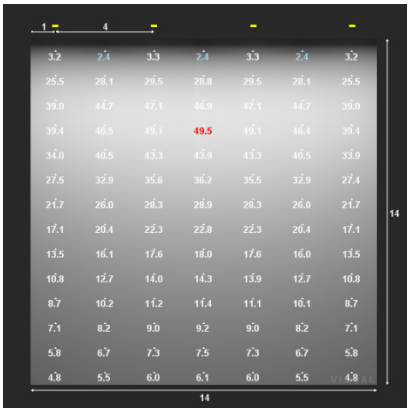
alphabet

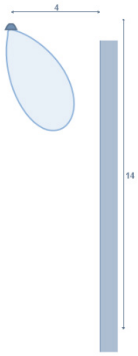
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

WALL WASH AT 30° TILTING, 80CRI, 3000K, 40LM														
MOUNTING DISTANCE	2' FROM WALL				3' FROM WALL				4' FROM WALL					
FIXTURE SPACING	2' ON CENTER		3' ON CENTER		3' ON CENTER		4' ON CENTER		4' ON CENTER		5' 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
1'	118.1	112.9	91	63	19.8	18.4	17.5	11.3	3.3	2.4	3.2	1.2	3.2	0.8
2'	196.3	195.6	141.4	124.1	76.7	74.6	61.2	52.4	29.5	28.2	24.9	21.3	22.8	15.7
3'	142	143.6	101.1	97.8	87.2	86.9	68.3	63.9	47.1	46.1	39	35.7	34.8	27.7
4'	89.1	90.8	65	65	72.4	72.9	56.6	55.3	49.1	48.9	40.4	38.7	35.4	31
5'	55.7	56.9	42.1	42.5	54.3	55.1	42.9	42.8	43.3	43.5	35.7	35	30.8	28.7
6'	35.8	36.6	28	28.5	39.6	40.4	31.8	32.1	35.5	35.9	29.4	29.3	25.3	24.4
7'	23.9	24.3	19.3	19.7	28.9	29.5	23.6	24	28.3	28.7	23.6	23.8	20.3	20.1
8'	16.5	16.8	13.7	14	21.3	21.8	17.7	18	22.3	22.7	18.8	19.1	16.2	16.2
9'	11.7	11.9	10	10.2	15.9	16.3	13.5	13.8	17.6	17.9	15	15.2	13	13.1
10'	8.6	8.7	7.4	7.6	12.1	12.3	10.4	10.6	13.9	14.2	12	12.2	10.5	10.6
11'	6.4	6.5	5.7	5.8	9.3	9.5	8.1	8.3	11.1	11.4	9.7	9.9	8.6	8.7
12'	4.9	5	4.4	4.5	7.3	7.4	6.5	6.6	9	9.1	7.9	8.1	7	7.1
13'	3.9	3.9	3.5	3.6	5.8	5.9	5.2	5.3	7.3	7.4	6.5	6.6	5.8	5.9
14'	3.1	3.1	2.8	2.9	4.7	4.8	4.2	4.3	6	6.1	5.4	5.5	4.8	4.9





NOTE

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

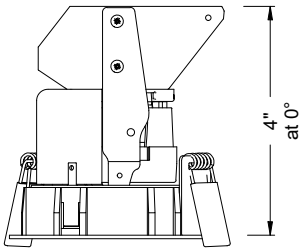
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

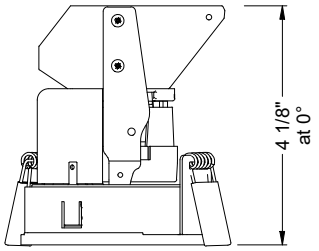
MOUNTING OPTIONS

FIXTURE HEIGHT

LED LIGHT ENGINE: 1000LM - 3000LM

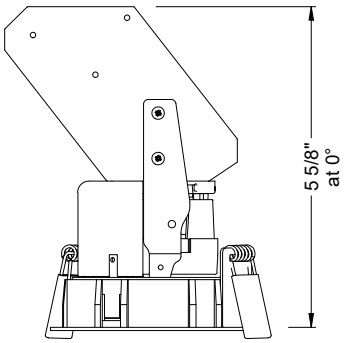


TRIMMED

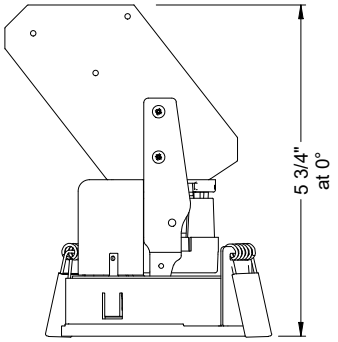


TRIMLESS & MILLWORK

LED LIGHT ENGINE: 3500LM - 4000LM



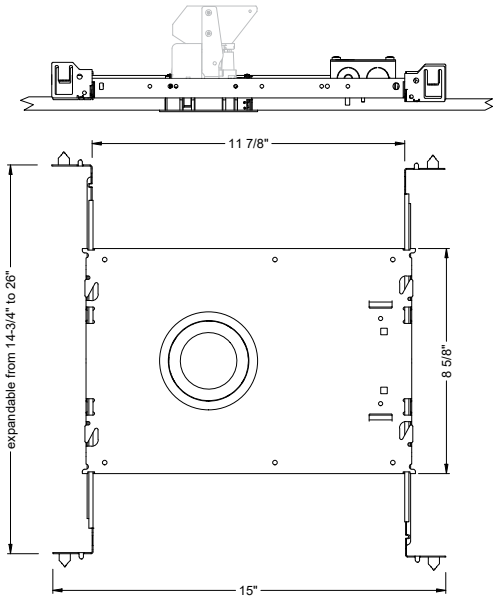
TRIMMED



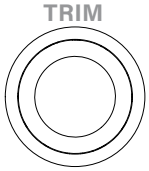
TRIMLESS & MILLWORK

NC - NEW CONSTRUCTION

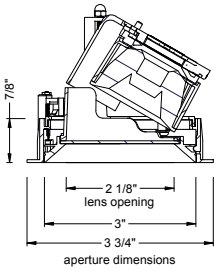
TRIM



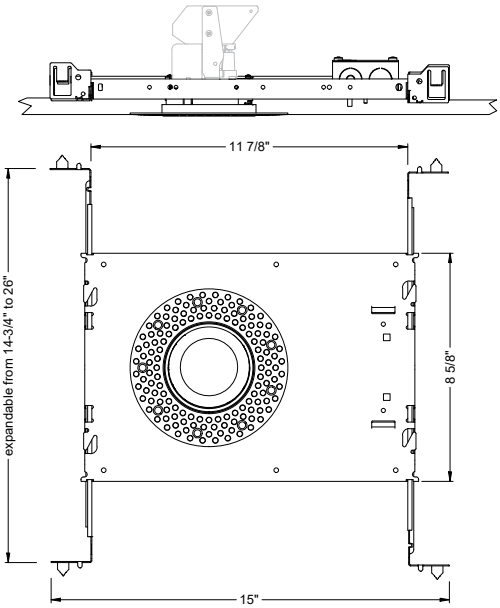
TRIM



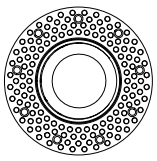
ceiling cutout
3-3/8" diameter
ceiling thickness
1/4" to 1 1/4"



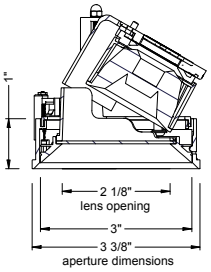
TRIMLESS



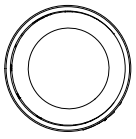
TRIMLESS



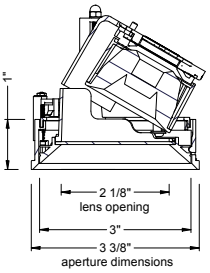
ceiling cutout
3-1/2" diameter
ceiling thickness
1/4" to 1 1/4"



TRIMLESS/MILLWORK



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

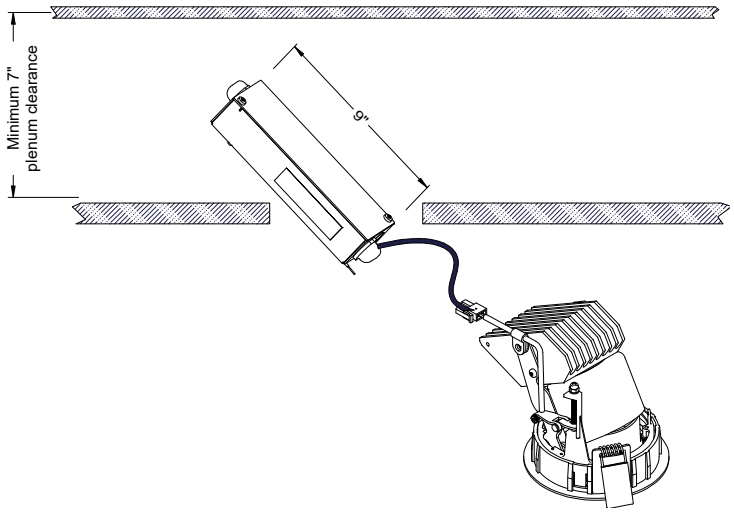


alphabet

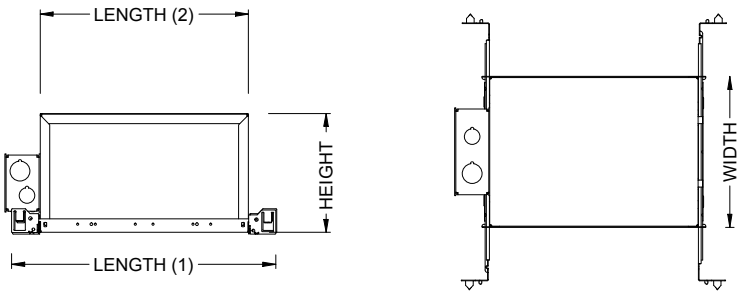
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

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	✔	✔	✔	✔	✔

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"

BOX TYPE / LUMEN OUTPUT - STANDARD BEAMS (WW)			
LUMEN OUTPUT	BOX - A		
	IC	ICAT	CP
10LM	✔	✔	✔
15LM	✔	✔	✔
20LM	✔	✔	✔
25LM	✔	✔	✔
30LM	✔	✔	✔
35LM			
40LM			

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

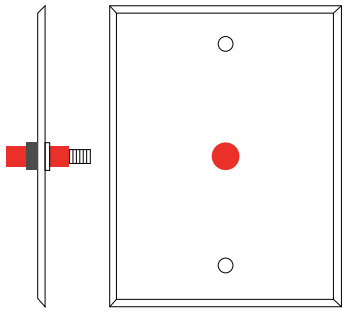
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

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

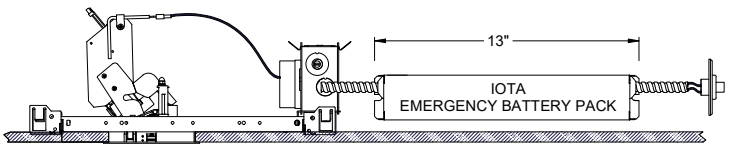
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



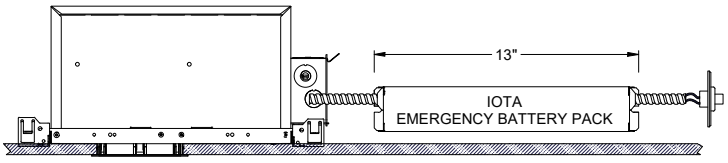
Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 40LM)	650LM	910LM	1100LM
Notes: Based on 30K, 80CRI			

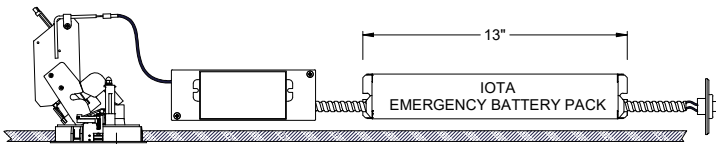
NC - NEW CONSTRUCTION
WITH EM BATTERY (REMOTE TEST SWITCH)



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

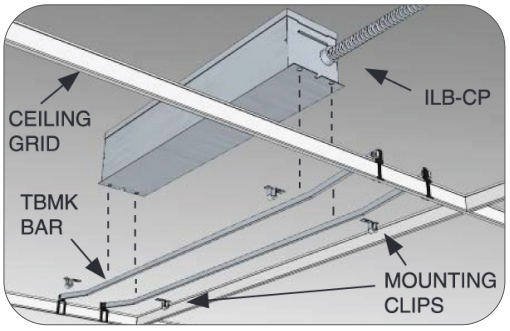


RET - RETROFIT
WITH EM BATTERY (REMOTE TEST SWITCH)



Accessory

76066 Optional T-Grid Mounting Kit[1]



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