alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

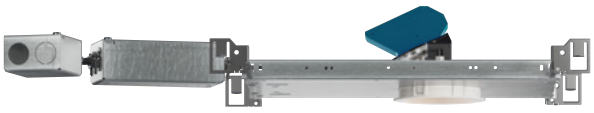
NU3 LOPRO

3" Round Wall Wash Warm Dim

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

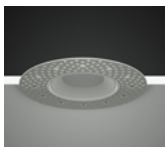
WW BEAM (Note: Specifications are subject to change without notice)		
14mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	670LM @30K/97CRI	13W
13LM	920LM @30K/97CRI	17W
20LM	1380LM @30K/97CRI	27W
Notes	Delivered lumens based on WW optic (see page 2)	

LUMINUS





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.
- Double jointed driver box allows for 4" shallow plenum installation
- UGR <18
- Multiple mounting, glare control options, trims, and finishes available

DIMMING AND CONTROLS

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

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 5/8"

LED

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

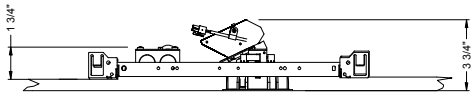
LISTING

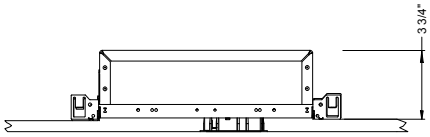
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, dead-front construction (shower approved)
- **Declare.** - LBC Red List Approved
- 5 Year Limited warranty

ELECTRICAL

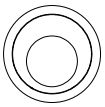
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

FIXTURE HEIGHT



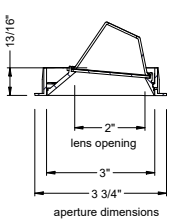


TRIMMED

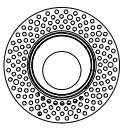


ceiling cutout
3 3/8" diameter

ceiling thickness
1/8" to 5/8"

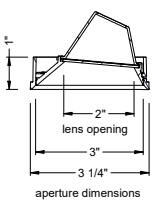


TRIMLESS

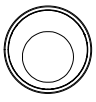


ceiling cutout
3 3/8" diameter

ceiling thickness
3/8" to 5/8"

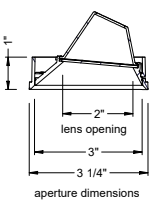


MILLWORK



ceiling cutout
3 3/8" diameter

ceiling thickness
1/2" to 5/8"



100957

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	**NU3**	NU3
TYPE	**RWLP**	round wall wash lopro
	RWTLP	round wall wash trimless lopro
	RWTMWLP	round wall wash trimless millwork lopro
LED	**WD**	warm dim (Luminus)
DELIVERED LUMENS	**10LM**	670 lm
	13LM	920 lm
	20LM	1380 lm
	Standard Configuration: 3000K 97CRI WW **Calculated Delivered Lumens** = [Delivered Lumen Value] x [CCT Multiplier] x [Optic Multiplier] x [Lens Multiplier]	
CCT	**3018**[1]	3000K, dim to 1800K

CCT at Light Level (%LF)

%LF	20LM	15LM	10LM
100%	3000	3000	3000
50%	3000	3000	2800
25%	2800	2500	2300
10%	2200	2000	1900
5%	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
	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

WW BEAM ORDERING CODE

MOUNTING OPTIONS SEE PAGE 5, 6	**NC**	new construction with ceiling fitting plate
	IC[2]	insulation contact housing
	RET	retrofit, no ceiling fitting plate
VOLTAGE	**120**	120V
	UNV	120V-277V
DIMMING	**DIM10**	0-10V dimming
	ELV1[3]	leading & trailing edge (Triac/ELV) dimming to 1%
ELECTRICAL OPTIONS	**EM7**	emergency battery backup, 90 minutes at 7W to LED
	EM12[4]	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 - RWLP - WD - 13LM - 3018 - 97 - WW - WH - WH - NC - UNV - DIM10 - EM7

NOTES

1. Values shown are for reference only. Actual CCT may vary.
2. IC not available in 20LM.
3. Triac/ELV dimming available in 120V only.
4. EM12 not available in 10LM.

alphabet

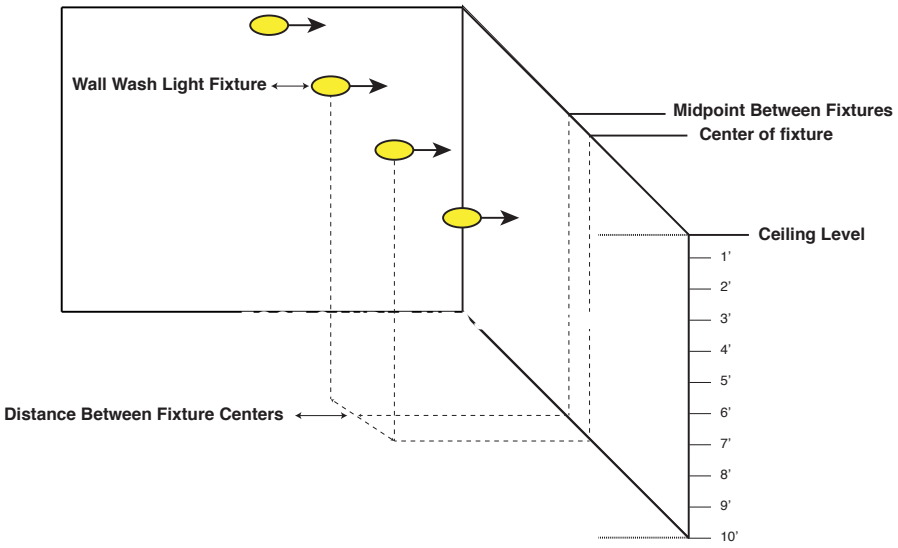
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM/BEZEL COLORS



PHOTOMETRIC DATA DIAGRAM



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'	14	14	10	10	8	6	8	8	6	6	5	4	5	5	4	4	2	2
2'	40	40	27	27	22	18	18	18	13	13	9	9	8	8	6	6	4	4
3'	62	61	41	41	32	30	32	32	22	22	16	17	13	13	9	10	6	6
4'	58	57	39	39	29	29	42	42	28	28	21	22	19	19	14	14	9	9
5'	47	47	32	32	24	24	43	42	29	29	22	22	22	22	17	17	11	11
6'	38	37	26	26	19	19	39	38	27	27	20	20	23	23	17	17	11	11
7'	31	30	21	21	16	16	34	34	24	24	18	18	23	22	17	17	11	11
8'	26	25	18	18	13	13	30	30	21	21	15	15	21	21	16	16	10	10
9'	22	22	16	15	12	11	27	26	19	18	14	14	20	19	15	14	9	9
10'	18	17	13	12	9	9	22	21	16	15	12	11	17	16	12	12	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 (CONTINUED)

FOOT CANDLE MEASUREMENT

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'	8	8	6	6	5	4	5	5	4	4	3	3	3	3	2	2	1	1
2'	25	25	17	17	14	12	11	11	8	8	6	6	5	5	4	4	2	2
3'	40	39	26	26	20	20	20	20	14	14	10	11	8	8	6	6	4	4
4'	38	37	25	25	19	19	27	27	18	18	13	14	12	12	8	9	5	6
5'	31	31	21	21	16	16	28	27	19	19	14	14	14	14	10	11	7	7
6'	25	25	17	17	13	13	25	25	17	17	13	13	15	15	11	11	7	7
7'	20	20	14	14	10	10	22	22	16	15	11	12	15	14	11	11	7	7
8'	17	16	12	12	9	9	20	19	14	14	10	10	14	14	10	10	6	7
9'	15	14	10	10	8	7	18	17	12	12	9	9	13	13	9	9	6	6
10'	12	11	8	8	6	6	15	14	10	10	8	7	11	11	8	8	5	5

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'	7	7	5	5	4	3	4	4	3	3	2	2	2	2	2	2	1	1
2'	21	21	15	15	12	9	10	10	7	7	5	5	4	4	3	3	2	2
3'	32	32	21	21	17	15	17	17	12	12	9	9	7	7	5	5	3	3
4'	29	29	19	20	15	14	22	22	15	15	11	11	10	10	7	7	5	5
5'	23	23	16	16	12	12	22	21	15	15	11	11	12	12	9	9	6	5
6'	18	18	13	13	9	9	19	19	13	13	10	10	12	12	9	9	6	6
7'	15	15	10	10	8	7	17	17	12	12	9	9	11	11	8	8	5	5
8'	12	12	9	8	6	6	15	14	10	10	8	7	10	10	8	8	5	5
9'	11	10	8	7	6	5	13	13	9	9	7	6	10	9	7	7	5	4
10'	9	8	6	6	4	4	11	10	8	7	6	5	8	8	6	6	4	4

NOTE

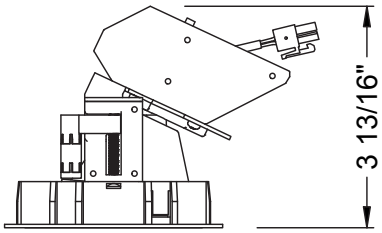
1. Performance based on typical reflectance values and room dimensions. IES files available at ledrabrands.com

alphabet

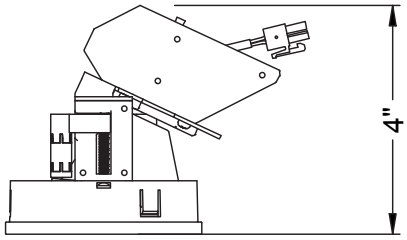
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

FIXTURE HEIGHT



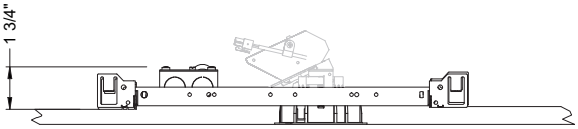
TRIMMED

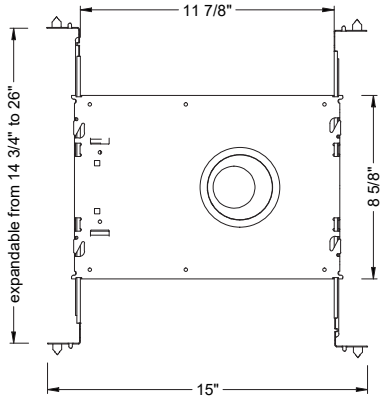


TRIMLESS & MILLWORK

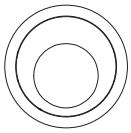
NC - NEW CONSTRUCTION

TRIM



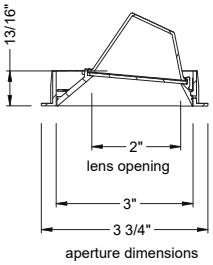


TRIM



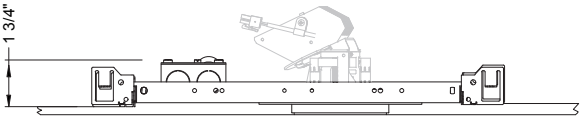
ceiling cutout
3 3/8" diameter

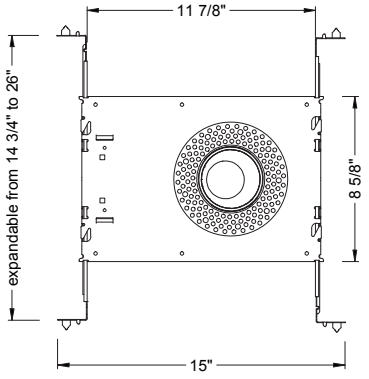
ceiling thickness
1/8" to 5/8"



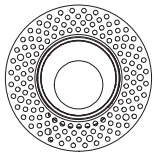
aperture dimensions

TRIMLESS



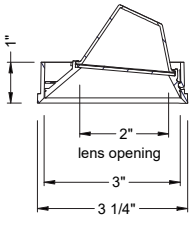


TRIMLESS



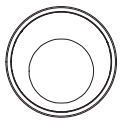
ceiling cutout
3 3/8" diameter

ceiling thickness
3/8" to 5/8"



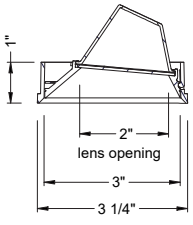
aperture dimensions

TRIMLESS/MILLWORK



ceiling cutout
3 3/8" diameter

ceiling thickness
1/2" to 5/8"



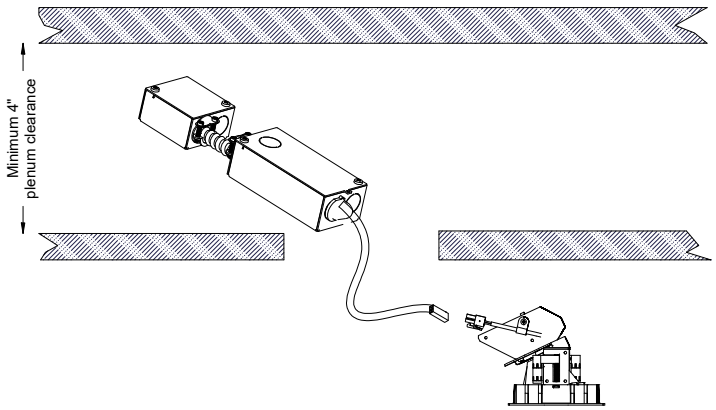
aperture dimensions

alphabet

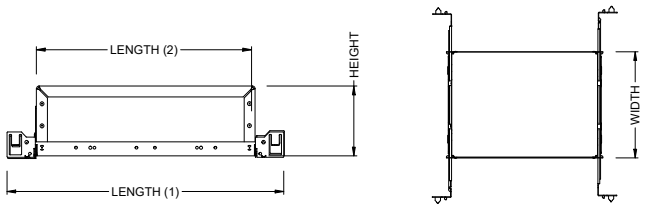
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS (CONTINUED)

RET - RETRO
TRIM/TRIMLESS



IC - INSULATION CONTACT HOUSING

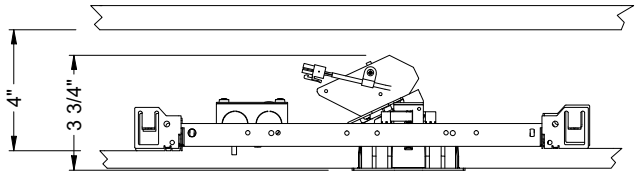


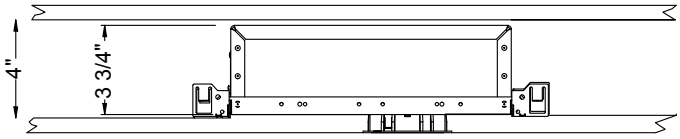
BOX SIZE	L 1	L 2	W	H
A	15 - 7/16"	11 - 3/4"	8 - 1/2"	3 - 3/4"

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

BOX TYPE / LUMEN OUTPUT - WALL WASH	
LUMEN OUTPUT	BOX - A
	IC
10LM	✔
13LM	✔
20LM	

CEILING THICKNESS	
FIXTURE TYPE	MOUNTING TYPE
	NC, IC, RET
	STANDARD CEILING THICKNESS
TRIM	1/8" to 5/8"
TRIMLESS	3/8" to 5/8"
MILLWORK (TRIMLESS)	1/2" to 5/8"





100957

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			

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

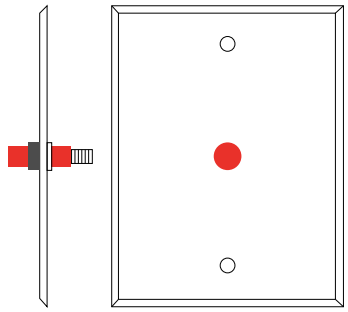
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

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

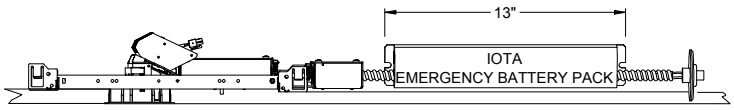
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



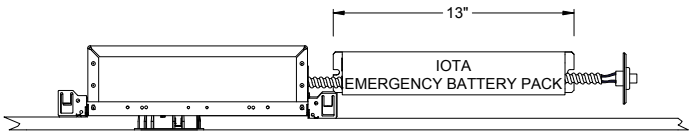
Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 20LM)	360LM	515LM	649LM
Notes: Based on 30K, 97CRI			

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

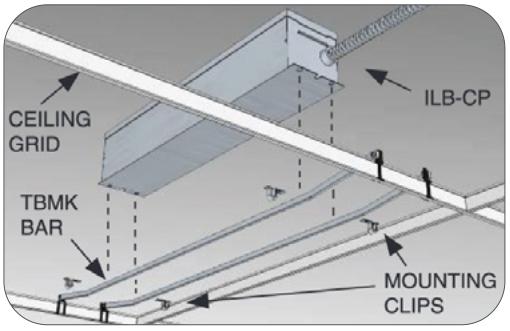


IC - INSULATION CONTACT HOUSING
WITH EM BATTERY (REMOTE TEST SWITCH)



Accessory

76066 Optional T-Grid Mounting Kit[1]



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

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.