alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU essentials

4" Round & Square Wall Wash Warm Dim

WW BEAM (Note: Specifications are subject to change without notice)		
9mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
07LM	640LM @30K/90CRI	19W
Notes	Delivered lumens based on wall wash optic, (see page 2)	

T24 JA8–2022

NSF · AT airtight · PR plenum rated · wet rated



FEATURES
- Economical choice for budget projects
- Thermally optimized for LED longevity
- Fully casted assembly
- Packaging material consists of 60-80% post-consumer recycled fiber

DIMMING AND CONTROLS
- eldoLED 0-10V, 0.1% and 1%
- Leading & trailing edge (Triac/ELV) dimming to 1%

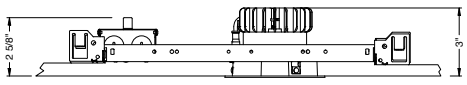
CONSTRUCTION
- Aluminum trim and bezel
- Electrocoated 16-gauge cold-rolled steel construction
- Accommodates ceiling thickness from 1/4" to 1"

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

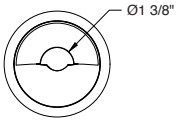
LISTING
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- IP44 with lens - suitable for wet location with lens - suitable damp location without lens
- 5 Year Limited warranty

ELECTRICAL
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- 7W and 10W (T20 CEC) EM 90min battery
- Max. ambient installation temperature 104°F (40°C)

FIXTURE HEIGHT

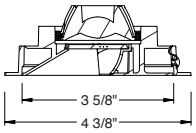


ROUND



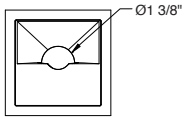
ceiling cutout
4" diameter

ceiling thickness
1/4" to 1"



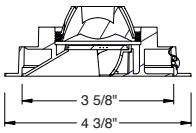
aperture dimensions

SQUARE



ceiling cutout
4" x 4" square

ceiling thickness
1/4" to 1"



aperture dimensions

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

ORDERING CODE		
SERIES	NUE4	NUE
TYPE	QW	square wall wash
	RW	round wall wash
	RWT	round wall wash trimless
	QWT	square wall wash trimless
LED	WD	warm dim
DELIVERED LUMENS	07LM	640 lm
	Standard Configuration: 3000K 90CRI **WW**	
CCT	3018	3000K, dim to 1800K

CCT at Light Level (%LF)

%LF	07LM
100%	3000
50%	2800
25%	2450
10%	2050
5%	1800

CRI	90	90 CRI
OPTIC & LM MULTIPLIER	WW	wall wash
TRIM COLOR	BK	black
	WH	white
	MC	matte chrome
	Not applicable to trimless option. Do not include in trimless ordering code.	
BEZEL COLOR	BK	black (0.95)
	WH	white (1.00)
	MC	matte chrome (0.99)

ORDERING CODE		
MOUNTING OPTIONS	NC	new construction plate
	IC[1]	insulation contact housing
	ICAT[1]	insulation contact/airtight housing
	CP	chicago plenum housing
	RET	retrofit, no ceiling plate
VOLTAGE	120	120V
	UNV	120V-277V
DIMMING	DIM10	eldoLED flicker free 0-10V dim to 1%
	ELV1[2]	leading edge & trailing edge (Triac/ELV) dim to 1%
ELECTRICAL OPTIONS	EM10CA20	emergency battery backup, 90 minutes at 10W to LED, CA title 20

YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
NUE4 - RW - WD - 07LM - 3018 - 90 - WW - WH - WH - NC - UNV - DIM10

NOTES

1. IC or ICAT housing are JA8 compliant.
2. ELV1 available in 120V.

alphabet

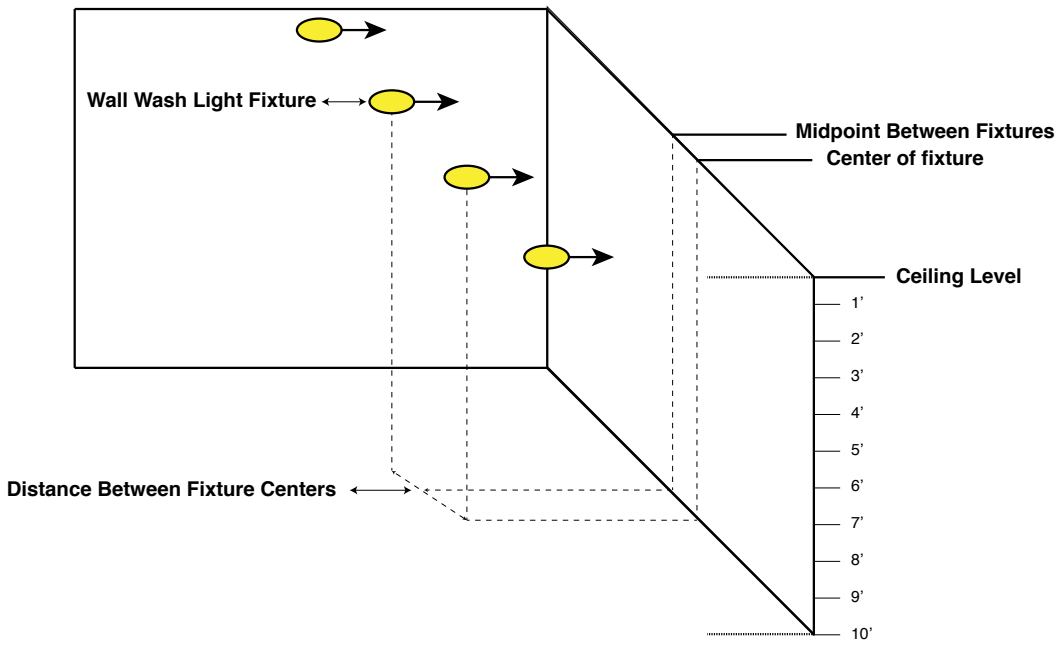
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM/BEZEL COLORS



PHOTOMETRIC DATA CHARTS



FOOT CANDLE MEASUREMENT

WARM DIM WALL WASH 07LM 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'	32.7	31.5	25.5	17.9	23.6	9.9	11.7	10.8	9.8	7.3	8.7	3.2	6.7	6.7	5.3	4.9	4.3	2.7
2'	31.2	30.7	23.6	19.1	20.4	12.3	15.1	14.8	12.1	10.7	10.2	5.4	10.3	10.5	8.2	7.9	6.4	4.5
3'	26.4	26.3	19.7	17.2	17.1	11.3	13.9	13.7	11.3	9.9	9.1	5.5	10.5	10.7	8.4	8.2	6.2	5.1
4'	20.8	20.9	15.3	14.3	12.8	10	12.5	12.4	10.1	9.2	8.2	5.1	9.7	9.8	7.8	7.7	5.9	4.8
5'	15.4	15.7	11.3	11.1	9.2	8.2	10.9	10.9	8.8	8.3	7	4.9	8.9	9.1	7.2	7.2	5.4	4.5
6'	11.2	11.5	8.3	8.4	6.7	6.4	9.3	9.3	7.4	7.2	5.7	4.4	8.1	8.3	6.6	6.6	4.9	4.3
7'	8.2	8.4	6.2	6.4	5	5	7.6	7.7	6.1	6.1	4.6	3.9	7.3	7.4	5.9	5.9	4.4	4
8'	6.1	6.2	4.8	4.9	3.8	3.9	6.2	6.3	5	5	3.7	3.4	6.3	6.5	5.2	5.2	3.8	3.6
9'	4.6	4.7	3.7	3.8	3	3.1	5	5.1	4.1	4.1	3	2.9	5.4	5.6	4.5	4.6	3.3	3.2
10'	3.5	3.6	2.9	3	2.4	2.4	4	4.1	3.3	3.4	2.4	2.4	4.6	4.7	3.9	3.9	2.8	2.8

NOTE

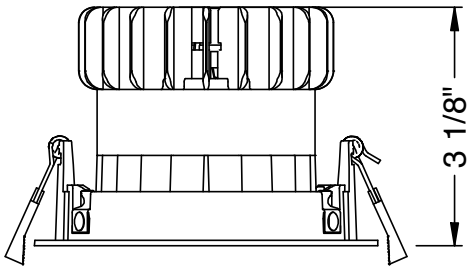
1.Performance based on typical reflectance values and room dimensions. IES files available at ledrabrands.com

101534

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

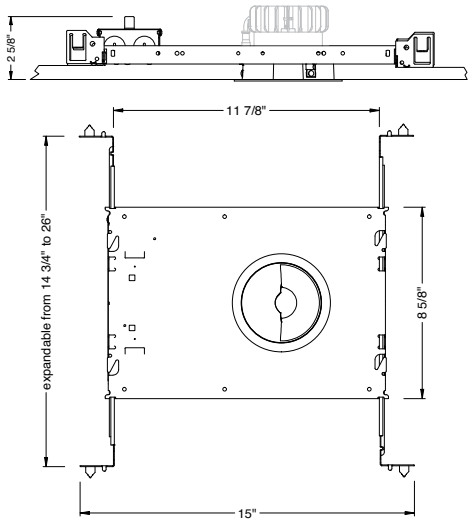
MOUNTING OPTIONS

FIXTURE HEIGHT

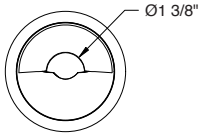


NC - NEW CONSTRUCTION

TRIM

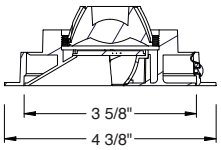


ROUND



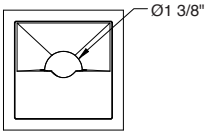
ceiling cutout
4" diameter

ceiling thickness
1/4" to 1"



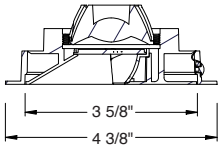
aperture dimensions

SQUARE



ceiling cutout
4" x 4" square

ceiling thickness
1/4" to 1"

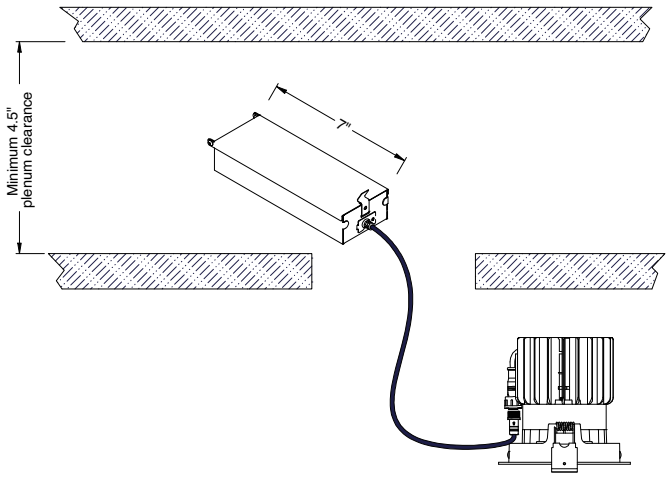


aperture dimensions

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS (CONTINUED)

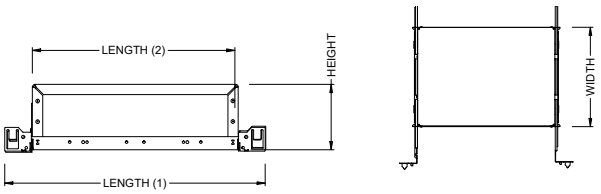
NC - RET



RATINGS / CERTIFICATIONS	NC	RET	IC	ICAT	CP
TYPE NON-IC	✔	✔			
TYPE IC			✔	✔	
CHICAGO PLENUM (CCEA)					✔
SUITABLE FOR AIR HANDLING PLENUMS	✔	✔	✔	✔	✔

CEILING THICKNESS	
FIXTURE TYPE	MOUNTING TYPE
	NC, IC, ICAT, CP, RET
	STANDARD CEILING THICKNESS
TRIM	1/4" to 1"
TRIMLESS	1/4" to 1"

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"

BOX TYPE / LUMEN OUTPUT - STANDARD BEAMS (WW)			
LUMEN OUTPUT	BOX - A		
	IC	ICAT	CP
07LM	✔	✔	✔

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.

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

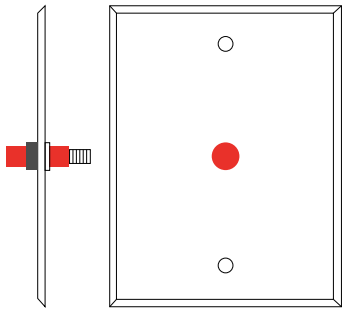
BATTERY OPTIONS

EMERGENCY BATTERY
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.

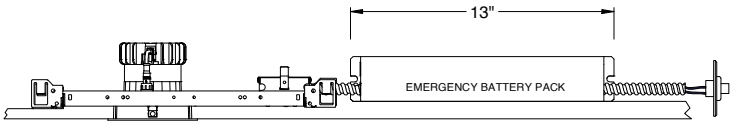
REMOTE LOCATION
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



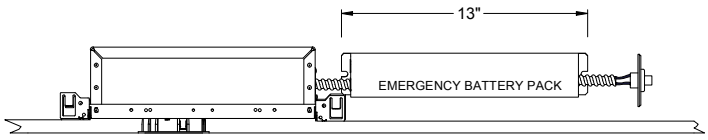
Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)	
LUMEN ORDERING CODE	EM10
ALL OPTIONS (07LM)	350LM
Notes: Based on 30K, 90CRI	

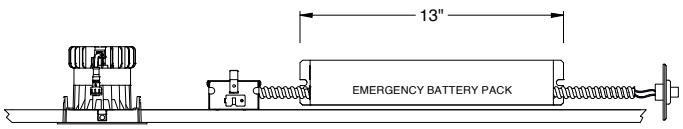
NC - NEW CONSTRUCTION
WITH EM BATTERY (REMOTE TEST SWITCH)



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

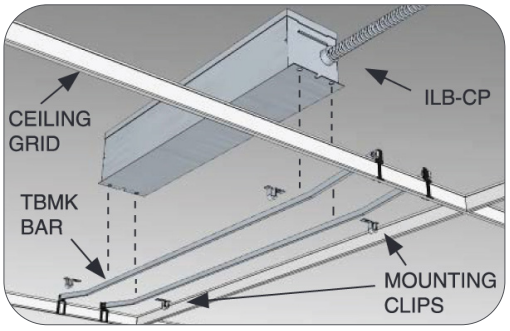


RET - RETROFIT
WITH EM BATTERY (REMOTE TEST SWITCH)



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.