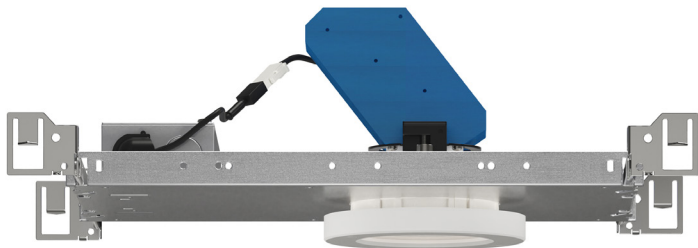


PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

NU3

3" Round Downlight
Tamper Resistant Standard White



20° - 55° BEAM

(Note: Specifications are subject to change without notice)

9mm COB PERFORMANCE DATA

LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	910LM @30K/80CRI	9W
15LM	1420LM @30K/80CRI	14W
20LM	1890LM @30K/80CRI	19W
25LM	2310LM @30K/80CRI	25W
30LM	2810LM @30K/80CRI	33W
10LM	910LM @30K/90CRI	9W
15LM	1420LM @30K/90CRI	14W
20LM	1890LM @30K/90CRI	19W
25LM	2310LM @30K/90CRI	25W
30LM	2810LM @30K/90CRI	33W
Notes	Delivered lumens based on 25D optic with no lens, (see page 2)	

15° BEAM

(Note: Specifications are subject to change without notice)

6mm COB PERFORMANCE DATA

LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	860LM @30K/80CRI	11W
15LM	1220LM @30K/80CRI	19W
10LM	730LM @30K/90CRI	11W
15LM	1030LM @30K/90CRI	19W
Notes	Delivered lumens based on 15D optic with no lens, (see page 2)	

FEATURES

- Designed to meet NYS-OMH rigorous requirements
- Tamper resistant, anti-ligature
- IK10 impact rated, vandal resistant
- 15° to 55° optical beam control
- UGR<17
- 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

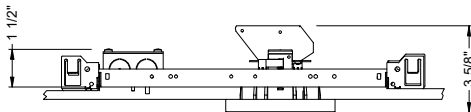
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- NYSOMH - New York State Office of Mental Health compliant
- **Declare.** - LBC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

ELECTRICAL

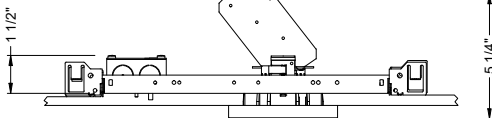
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

FIXTURE HEIGHT

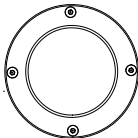
10LM - 25LM LOW LUMENS



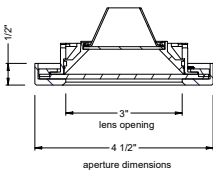
30LM HIGH LUMENS



TRIMMED



ceiling cutout
5-3/8" diameter
ceiling thickness
1/8" to 1-1/4"



alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

ORDERING CODE												
SERIES	NU3	NU3										
TYPE	RDTR	round downlight tamper resistant										
LED	SW	standard white										
DELIVERED LUMENS	10LM	910 lm										
	15LM	1420 lm										
	20LM	1890 lm										
	25LM	2310 lm										
	30LM ¹	2810 lm										
	Standard Configuration: 3000K 80CRI 25D, CL Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier] x [Reflector Multiplier]											
CCT	27K 30K 35K 40K	2700K 3000K 3500K 4000K	15D									
			CCT		2700K		3000K		3500K		4000K	
			CRI		80+	90+	80+	90+	80+	90+	80+	90+
			CCT MULTIPLIER FOR LUMEN OUTPUT		0.96	0.81	1	0.85	1.03	0.88	1.06	0.91
			20D - 55D									
			CCT		2700K		3000K		3500K		4000K	
CRI		80+	90+	80+	90+	80+	90+	80+	90+			
CCT MULTIPLIER FOR LUMEN OUTPUT		0.96	0.96	1	1	1.03	1.03	1.06	1.06			
CRI	80	80 CRI										
	90	90 CRI										
OPTIC & LM MULTIPLIER	15D ²	15 degrees (0.79)										
	20D	20 degrees (1.00)										
	25D	25 degrees (0.99)										
	40D	40 degrees (0.99)										
	55D	55 degrees (0.97)										
BEZEL LENS	CL	clear lens (0.98)										
	DL	diffused lens (0.91)										
	HET	high efficiency textured lens, similar to Solite™ (0.92)										
	SBL	smoothing beam lens (0.92)										
TRIM COLOR	BK	black										
	WH	white										
	MC	matte chrome										
	CC ³	custom color, consult factory for details										
Antimicrobial finish, add AM to black, white or matte chrome i.e. BKAM.												
BEZEL COLOR	BK	black (0.98)										
	WH	white (1.00)										
	MC	matte chrome (0.99)										
	BZ	bronze (0.98)										
	WT	wheat (0.99)										
	CC ³	custom color, consult factory for details										
Antimicrobial finish, add AM to black, white or matte chrome i.e. BKAM.												

ORDERING CODE		
MOUNTING OPTIONS	NC	new construction with ceiling fitting plate
VOLTAGE	120 UNV	120V 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%
	LUTP ⁴	Lutron Hi-lume Premier Ecosystem dimming to 0.1%, Soft-on & Fade-to-Black
ELECTRICAL OPTIONS	ELV1 ⁵	leading & trailing edge (Triac/ELV) dimming to 1%
	CAS	Casambi control with flicker free 1% dimming
	NLT	nLight control interface: standard Cat-5/RJ45 connection (female), dim to off
	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 - RDTR - SW - 20LM - 35K - 90 - 20D - WH - WH - NC - UNV - DIM10 - EM7	

NOTES

- 30LM available in ELV1/DIM10 dimming.
- 15D available in 10LM/15LM.
- Custom set up fee plus minimum quantity required per color.
- LUTP not available in 25LM/30LM/35LM.
- ELV1 (120V input) not available in 10LM.

TRIM OPTIONS

TRIM COLORS

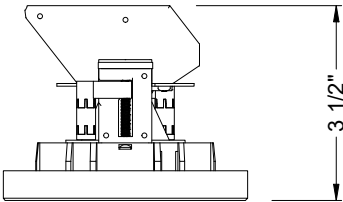


PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

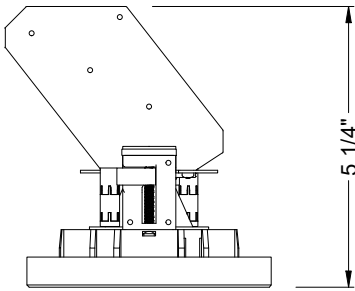
MOUNTING OPTIONS

FIXTURE HEIGHT

10LM - 25LM CONFIGURATION

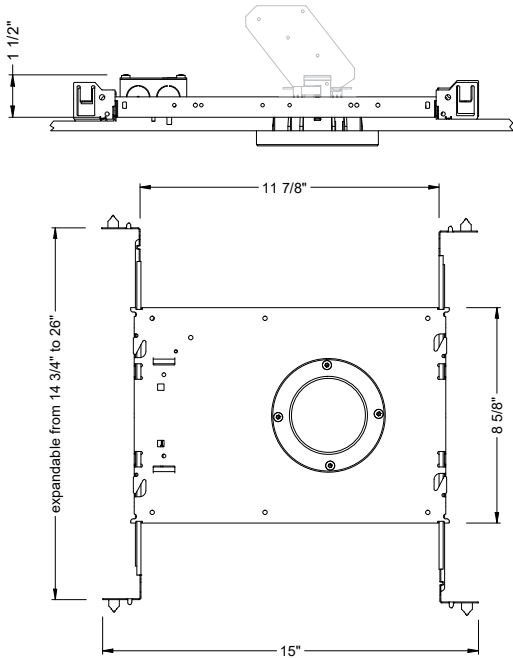


30LM CONFIGURATION

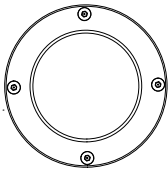


NC - NEW CONSTRUCTION

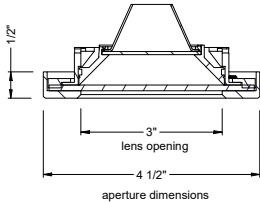
TRIM



TRIM



ceiling cutout
3-3/8" diameter
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

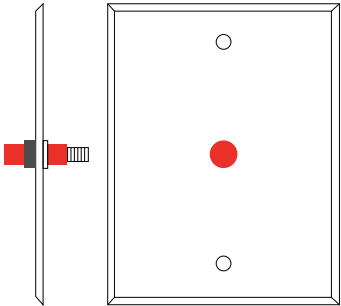
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

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

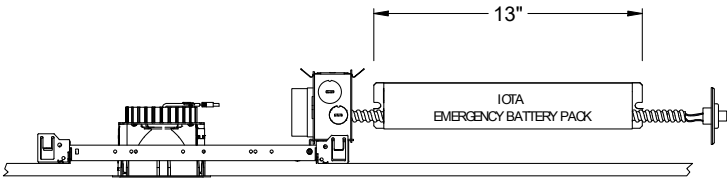
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



Remote Test Switch

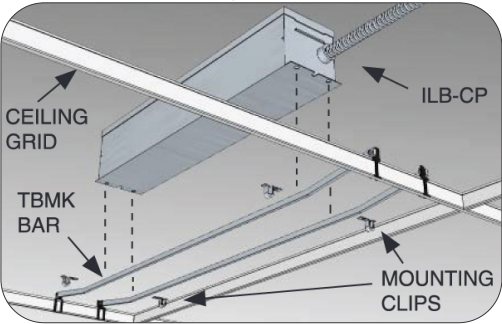
EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 30LM)	700LM	1000LM	1200LM
Notes: Based on 30K, 80CRI			

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.