

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

NU3

3" Square Downlight  
Tamper Resistant Standard White

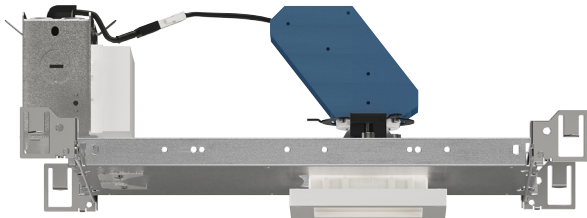


AT  
airtight

DF  
dead-front

PR  
plenum rated

wet rated



60° - 80° BEAM

(Note: Specifications are subject to change without notice)

14mm COB PERFORMANCE DATA

LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	940LM @30K/80CRI	10W
15LM	1540LM @30K/80CRI	16W
20LM	2030LM @30K/80CRI	21W
25LM	2490LM @30K/80CRI	26W
30LM	2900LM @30K/80CRI	32W
35LM	3340LM @30K/80CRI	37W
10LM	800LM @30K/90CRI	10W
15LM	1310LM @30K/90CRI	16W
20LM	1720LM @30K/90CRI	21W
25LM	2120LM @30K/90CRI	26W
30LM	2470LM @30K/90CRI	32W
35LM	2840LM @30K/90CRI	37W
Notes	Delivered lumens based on WH80 optic with no lens, (see page 2)	

FEATURES

- Designed to meet NYS-OMH rigorous requirements
- Tamper resistant, anti-ligature
- IK10 impact rated, vandal resistant
- Optical beam control 60° to 80°
- UGR <21
- 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%
- 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: L<sub>70</sub> > 66,000 hrs
- 80 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L<sub>70</sub> > 66,000 hrs

LISTING

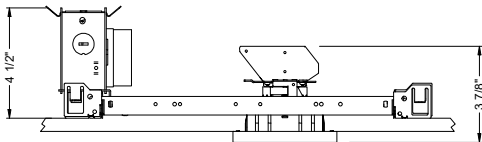
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- NYSOMH - New York State Office of Mental Health compliant
- Declare.** - LBC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

ELECTRICAL

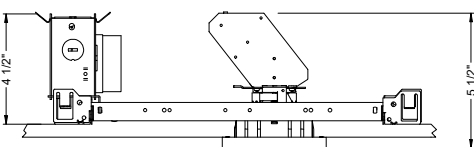
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

FIXTURE HEIGHT

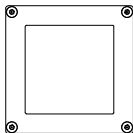
10LM-30LM LOW LUMENS



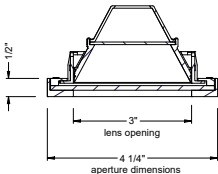
35LM HIGH LUMENS



TAMPER RESISTANT



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



# alphabet

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SERIES	NU3	NU3
TYPE	QDTR	square downlight tamper resistant
LED	SW	standard white
DELIVERED LUMENS	10LM	940 lm
	15LM	1540 lm
	20LM	2030 lm
	25LM	2490 lm
	30LM	2900 lm
	35LM	3340 lm
Standard Configuration: 3000K 80CRI WH80 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	HE60	60° high efficiency diffused lens (0.94)
	HE70	70° high efficiency diffused lens (0.98)
	HE80	80° high efficiency diffused lens (0.97)
	D65	65° diffused with clear lens (1.00)
	WH80	80° brilliant white with clear lens (0.98)
TRIM COLOR	BK	black
	WH	white
	MC	matte chrome
		Antimicrobial finish, add AM to black, white or matte chrome i.e. BKAM. Includes shatter proof lens and tamper resistant screws.
BEZEL COLOR	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.

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 <sup>1</sup>	Lutron Hi-lume Premier Ecosystem dimming to 0.1%, Soft-on & Fade-to-Black
	ELV1 <sup>2</sup>	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 - QDTR - SW - 20LM - 30K - 90 - HE60 - WH - WH - NC - UNV - DIM10 - EM7	

## NOTES

- LUTP not available in 25LM/30LM/35LM.
- 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.

## TRIM OPTIONS

### TRIM COLORS

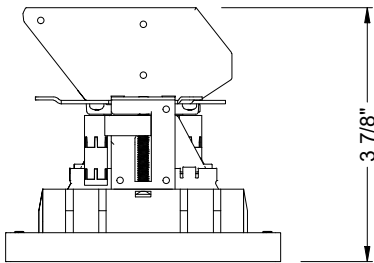


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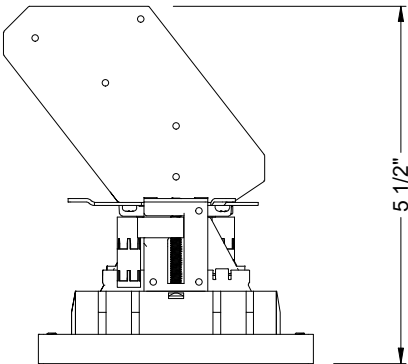
Mounting Options

Fixture Height

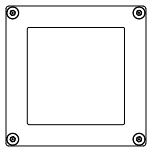
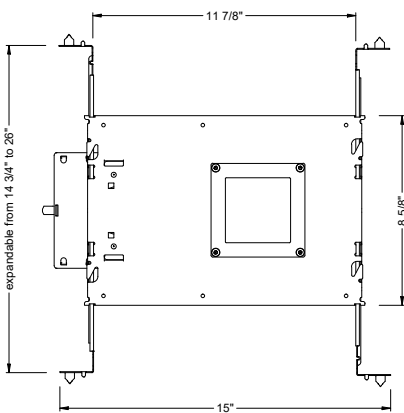
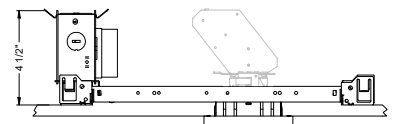
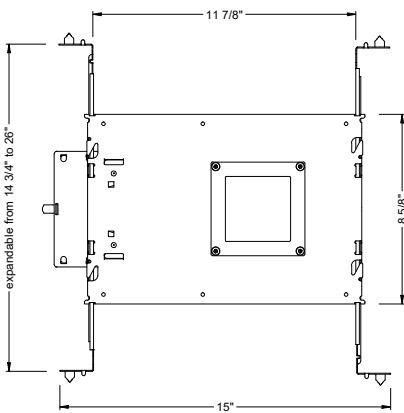
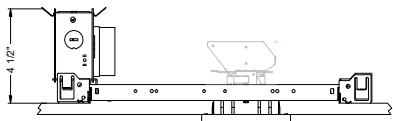
10LM - 30LM Configurations



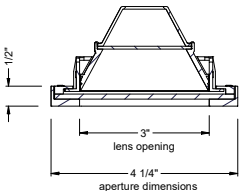
35LM Configurations



NC - New Construction



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



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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

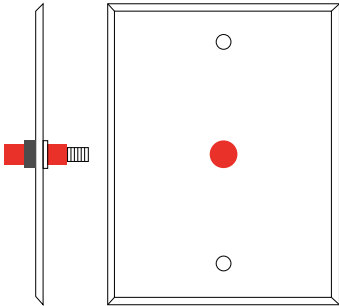
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

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

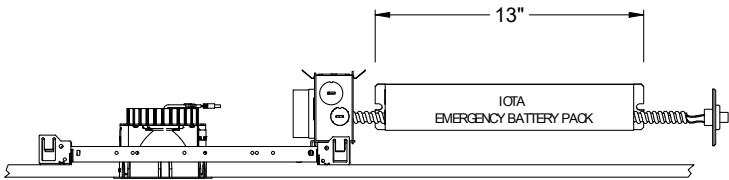
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



Remote Test Switch

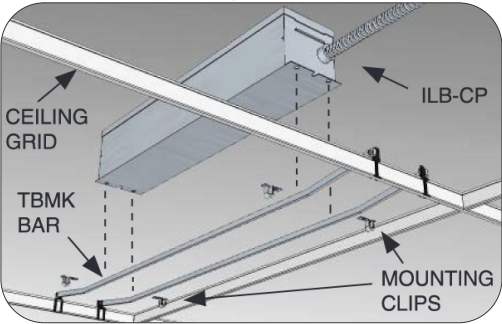
EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 35LM)	500LM	900LM	1080LM
Notes: based on 30K, 80CRI			

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



Accessory

76066 Optional T-Grid Mounting Kit<sup>1</sup>



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