

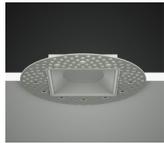
PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

## NU4

### 4" Square Downlight Standard White



Trim



Trimless



Trimless Millwork

30° - 55° BEAM (Note: Specifications are subject to change without notice)		
14mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	970LM @30K/80CRI	9W
15LM	1440LM @30K/80CRI	12W
20LM	2010LM @30K/80CRI	17W
25LM	2440LM @30K/80CRI	21W
30LM	2970LM @30K/80CRI	26W
35LM	3470LM @30K/80CRI	31W
40LM	3950LM @30K/80CRI	37W
10LM	830LM @30K/90CRI	9W
15LM	1220LM @30K/90CRI	12W
20LM	1710LM @30K/90CRI	17W
25LM	2080LM @30K/90CRI	21W
30LM	2520LM @30K/90CRI	26W
35LM	2950LM @30K/90CRI	31W
40LM	3360LM @30K/90CRI	37W
Notes	Delivered lumens based on 55D optic with no lens, (see page 2)	

20° BEAM (Note: Specifications are subject to change without notice)		
10mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	920LM @30K/80CRI	9W
15LM	1530LM @30K/80CRI	15W
20LM	2090LM @30K/80CRI	22W
10LM	780LM @30K/90CRI	9W
15LM	1300LM @30K/90CRI	15W
20LM	1770LM @30K/90CRI	22W
Notes	Delivered lumens based on 20D optic no lens, (see page 2)	

14° BEAM (Note: Specifications are subject to change without notice)		
6mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	1000LM @30K/80CRI	12W
15LM	1470LM @30K/80CRI	18W
10LM	850LM @30K/90CRI	12W
15LM	1250LM @30K/90CRI	18W
Notes	Delivered lumens based on 14D optic no lens, (see page 2)	

#### FEATURES

- 3/4" bezel regress with 1/16" micro flange
- 14° - 55° optical beam control
- UGR < 19
- Up to 120 LPW
- Glare control, specialty optics, trim options, and custom finishes available
- 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%
- DMX dim to zero
- Lutron Hi-lume Eco System dimming to 0.1% and 1%
- Lutron athena wireless node
- Leading & trailing edge (Triac/ELV) dimming to 1%
- Casambi dimming to 1%
- 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 1-3/4"

#### 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

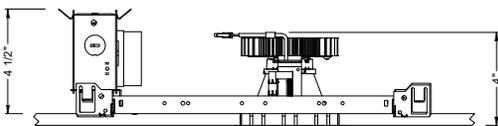
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- **Declare.** - LBC Red List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

#### ELECTRICAL

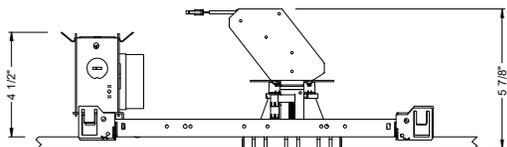
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote and Integral (ITS) emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)
- Low Voltage Luminaire option, see page 10.

#### FIXTURE HEIGHT

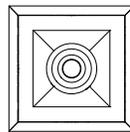
##### LED LIGHT ENGINE: 10LM - 30LM



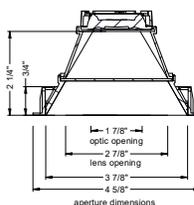
##### LED LIGHT ENGINE: 35LM - 40LM



#### TRIMMED

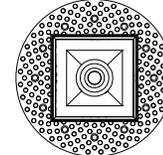


ceiling cutout  
4-1/4" square  
ceiling thickness  
1/8" to 1-5/8"

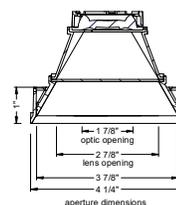


1 7/8" optic opening  
2 7/8" lens opening  
3 7/8" aperture dimensions  
4 5/8" aperture dimensions

#### TRIMLESS

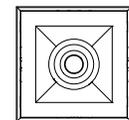


ceiling cutout  
4-1/2" square  
ceiling thickness  
3/8" to 1-3/4"

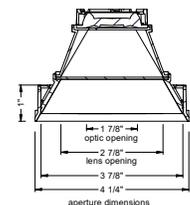


1 7/8" optic opening  
2 7/8" lens opening  
3 7/8" aperture dimensions  
4 1/4" aperture dimensions

#### MILLWORK



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



1 7/8" optic opening  
2 7/8" lens opening  
3 7/8" aperture dimensions  
4 1/4" aperture dimensions

# alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

## 14°- 55° BEAM ORDERING CODE

SERIES	NU4	NU4									
TYPE	SD	square downlight									
	SDT	square downlight trimless									
	SDTMW	square downlight trimless millwork									
LED	SW	standard white									
DELIVERED LUMENS	10LM	970 lm									
	15LM	1440 lm									
	20LM	2010 lm									
	25LM	2440 lm									
	30LM	2970 lm									
	35LM	3470 lm									
	40LM	3950 lm									
Standard Configuration: 3000K 80CRI 55D, NL Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier] x [Optic Multiplier]											
CCT	27K	2700K	CCT	2700K	3000K	3500K	4000K				
	30K	3000K	CRI	80+	90+	80+	90+				
	35K	3500K	CCT MULTIPLIER FOR LUMEN OUTPUT	0.96	0.81	1.00	.85	1.03	.88	1.06	.91
	40K	4000K									
CRI	80	80 CRI									
	90	90 CRI									
OPTIC & LM MULTIPLIER SEE PAGE 3	14D <sup>1</sup>	14 degrees	(1.00)								
	20D <sup>2</sup>	20 degrees	(1.00)								
	30D	30 degrees	(0.96)								
	35D	35 degrees	(0.93)								
	55D	55 degrees	(1.00)								
OPTIC LENS	NA	no accessory	(1.00)								
	HCL <sup>3</sup>	honeycomb louver	(0.70)								
BEZEL LENS	NL <sup>4</sup>	no lens	(1.00)								
	CL	clear lens	(0.96)								
	DL	diffused lens	(0.94)								
	E <sup>5</sup>	elliptical beam spread	(0.93)								
	HET	high efficiency textured lens, similar to Solite™	(0.95)								
	SBL	smoothing beam lens	(0.95)								
TRIM COLOR	BK	black									
	WH	white									
	MC	matte chrome									
	BZ	bronze									
	WT	wheat									
	CC <sup>6</sup>	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	BK	black	(0.98)								
	WH	white	(1.00)								
	MC	matte chrome	(0.99)								
	BZ	bronze	(0.98)								
	WT	wheat	(0.99)								
	CC <sup>6</sup>	custom color, consult factory for details									
Antimicrobial finish, add AM to black, white or matte chrome i.e. BKAM.											

## 14°- 55° BEAM ORDERING CODE

MOUNTING OPTIONS SEE PAGE 6, 7	NC	new construction with ceiling fitting plate
	IC <sup>7</sup>	insulation contact housing
	ICAT <sup>7</sup>	insulation contact/airtight housing
	CP <sup>7</sup> RET	chicago plenum housing retrofit, no ceiling fitting plate
VOLTAGE	120	120V
	UNV	120V-277V
	LVL <sup>8</sup>	low voltage luminaire
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%
	DMX-RJ45	DMX control dimming to 0.1% with RJ45 connection
	DMX-WL	DMX control dimming to 0.1% with wire lead connection
	DMX-XLR	DMX control dimming to 0.1% with XLR 5pin connection
	LUT	Lutron Hi-lume Ecosystem dimming to 1%, Soft-on & Fade-to-Black
	LUTP <sup>9</sup>	Lutron Hi-lume Premier Ecosystem dimming to 0.1%, Soft-on & Fade-to-Black
	ELV1	leading & trailing edge (Triac/ELV) dimming to 1%
	NLT	nLight control interface: standard Cat-5/RJ45 connection (female), dim to off
ELECTRICAL OPTIONS	CAS	Casambi control with flicker free 1% dimming
	ND	No Driver Included. Customer to Supply PoE system components or order remote driver separately. Refer to POE/Remote Driver reference sheet for additional details.
	AWN <sup>10</sup>	lutron athena wireless node
	L3DA	Lutron Hi-lume 1% 3-wire/Ecosystem
	EM7 <sup>11</sup>	emergency battery backup, 90 minutes at 7W to LED
	EM12 <sup>11</sup>	emergency battery backup, 90 minutes at 12W to LED
	EM10CA20 <sup>11</sup>	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:
<b>NU4 - SD - SW - 20LM - 35K - 90 - 55D - NA - NL - WH - WH - NC - UNV - DIM10 - EM7</b>

## NOTES

- 14D available in 10LM/15LM. Not available with DL/E lens.
- 20D available in 10LM/15LM/20LM. Not recommended with DL/E lenses, beam angle increases by 25% or 2.5x.
- HCL not available with lens.
- NL option does not meet requirements for AT/DF/WET/NSF listings. Lensing cannot be added in the field.
- Elliptical lens not available with 14D optic options. Actual beam distributions [20D= 40° x 65°, 30D= 45° x 70°, 35D= 50° x 75°, 55D= 60° x 85°]
- Custom set up fee plus minimum quantity required per color.
- IC/ICAT/CP not available in 40LM.
- Must select ND dimming code, for remote driver or POE specifications see page 9.
- LUTP not available in 20D/20LM or 25LM/30LM/35LM/40LM.
- AWN reference page 10 for product specifications on Athena wireless node.
- For integrated test switch add "ITS" after emergency backup code, i.e. EM12ITS. Test switch is mounted in the bezel of the fixture.

\* EldoLED and DMX 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



## OPTICAL OPTIONS

- UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;
- UGR calculation based on 15LM fixtures, unless otherwise noted.

### HCL

Honeycomb Louver



OPTIC	BEAM ANGLE	UGR
14D	14	≤5
20D	19	≤5
30D	27	6.5
35D	32	9.3
55D	47	13

### NL

No Lens



OPTIC	BEAM ANGLE	UGR
14D	14	5.6
20D	19	7.6
30D	29	10.9
35D	37	13.7
55D	56	16.3

### CL

Clear Lens



OPTIC	BEAM ANGLE	UGR
14D	14	6.2
20D	19	8.5
30D	29	11.7
35D	37	14.3
55D	56	16.6

### DL

Diffused Lens



OPTIC	BEAM ANGLE	UGR
20D	37	16.2
30D	42	17.8
35D	50	19.2
55D	59	20.4

### HET

High Efficiency Textured Lens



OPTIC	BEAM ANGLE	UGR
14D	20	8.8
20D	24	10.7
30D	31	13.2
35D	39	15.6
55D	54	17.4

### SBL

Smoother Beam Lens



OPTIC	BEAM ANGLE	UGR
14D	16	7
20D	20	9.3
30D	29	12.2
35D	37	14.7
55D	55	16.7

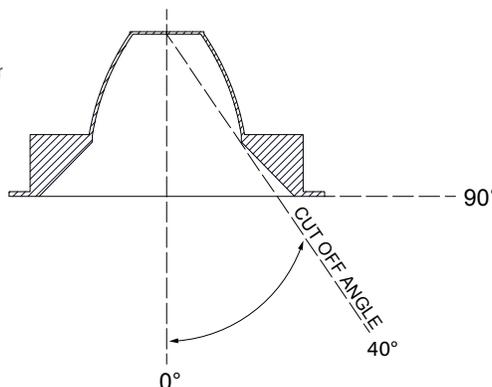
## GLARE CONTROL

### CUT-OFF ANGLE

Visual comfort is achieved with a lower cut-off angle due to improved glare control. The smaller the cut-off angle, the easier it is on the eye.

Alphabet downlights have been thoughtfully engineered to eliminate glare while still delivering functional illumination.

- Cutoff angle of NL and CL is 40° degrees;

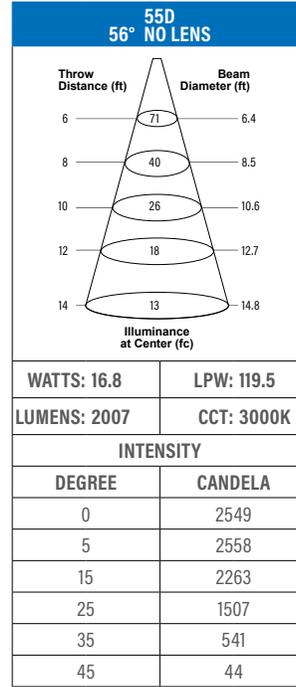
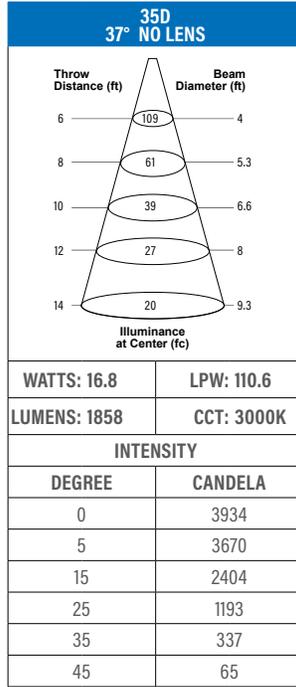
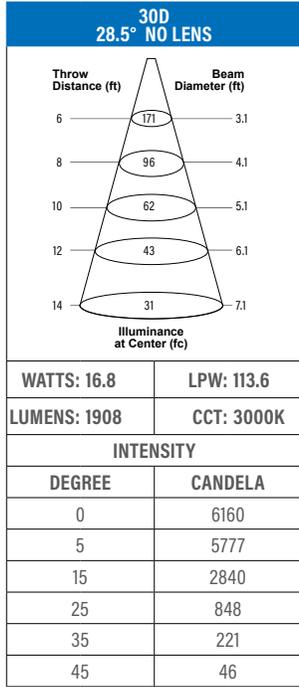


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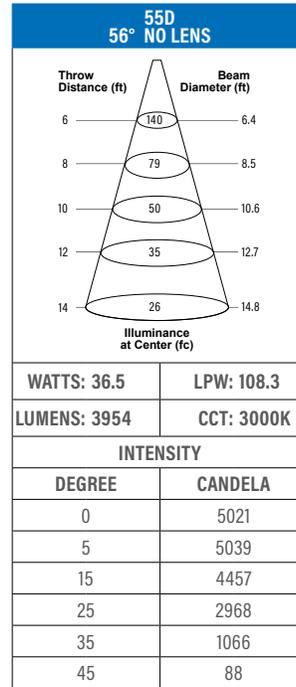
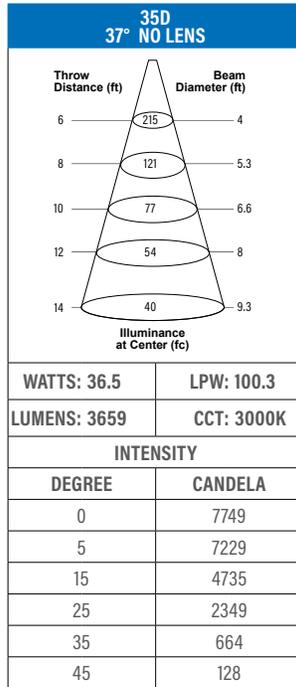
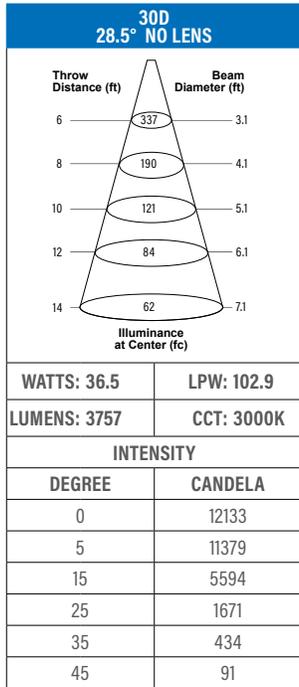
PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

## PHOTOMETRIC DATA

20LM		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance <sup>2</sup>		



40LM		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance <sup>2</sup>		



# alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

## PHOTOMETRIC DATA

10LM		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance <sup>2</sup>		

**14D  
13.7° NO LENS**

Throw Distance (ft)	Beam Diameter (ft)
6	311
8	175
10	112
12	78
14	57

WATTS: 11.16      LPW: 89.8  
LUMENS: 1002      CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	11195
5	7868
15	986
25	173
35	56
45	11

**20D  
19.2° NO LENS**

Throw Distance (ft)	Beam Diameter (ft)
6	161
8	90
10	58
12	40
14	30

WATTS: 8.8      LPW: 104.4  
LUMENS: 919      CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	5788
5	4776
15	1223
25	226
35	62
45	14

15LM		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance <sup>2</sup>		

**14D  
13.7° NO LENS**

Throw Distance (ft)	Beam Diameter (ft)
6	459
8	258
10	165
12	115
14	84

WATTS: 17.9      LPW: 82.6  
LUMENS: 1478      CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	16513
5	11605
15	1454
25	255
35	82
45	16

**20D  
19.2° NO LENS**

Throw Distance (ft)	Beam Diameter (ft)
6	269
8	151
10	97
12	67
14	49

WATTS: 14.8      LPW: 103.8  
LUMENS: 1537      CCT: 3000K

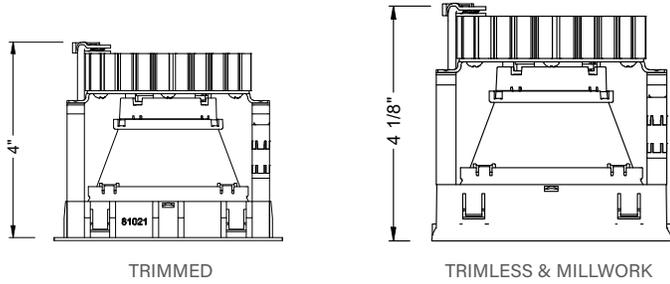
INTENSITY	
DEGREE	CANDELA
0	9679
5	7986
15	2045
25	378
35	104
45	23

PROJECT INFORMATION		
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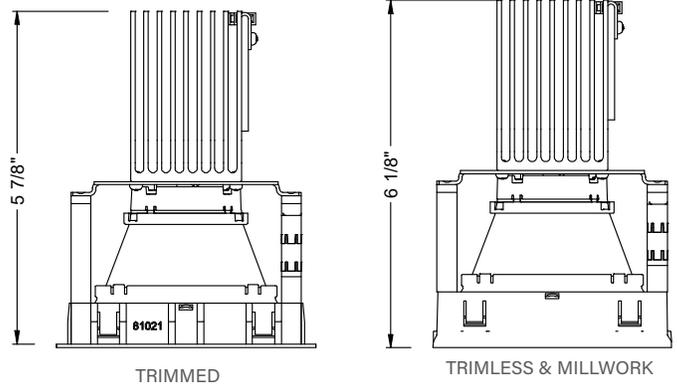
## MOUNTING OPTIONS

### FIXTURE HEIGHT

LED LIGHT ENGINE: 10LM - 30LM

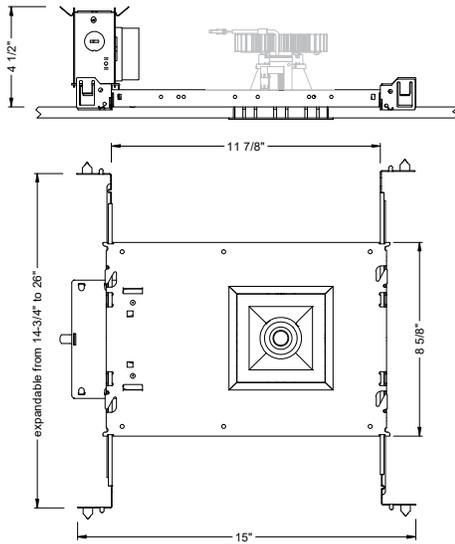


LED LIGHT ENGINE: 35LM - 40LM

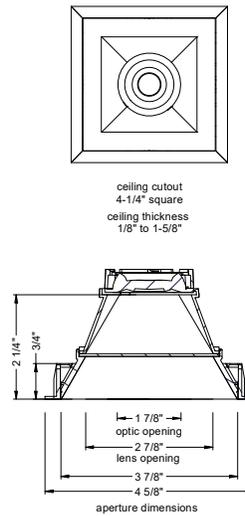


### NC - NEW CONSTRUCTION

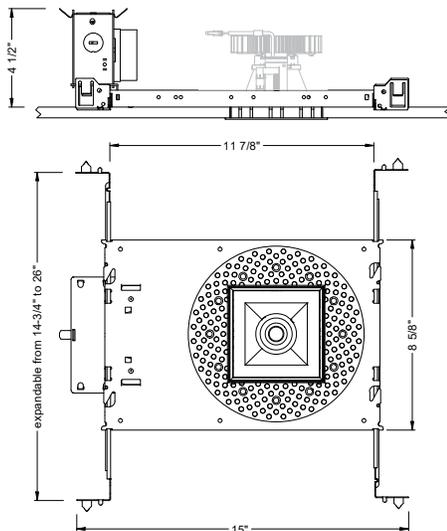
#### TRIM



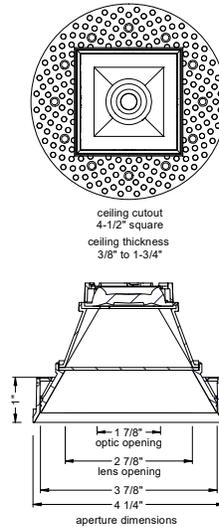
#### TRIM



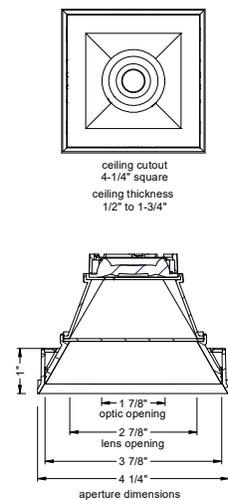
#### TRIMLESS



#### TRIMLESS



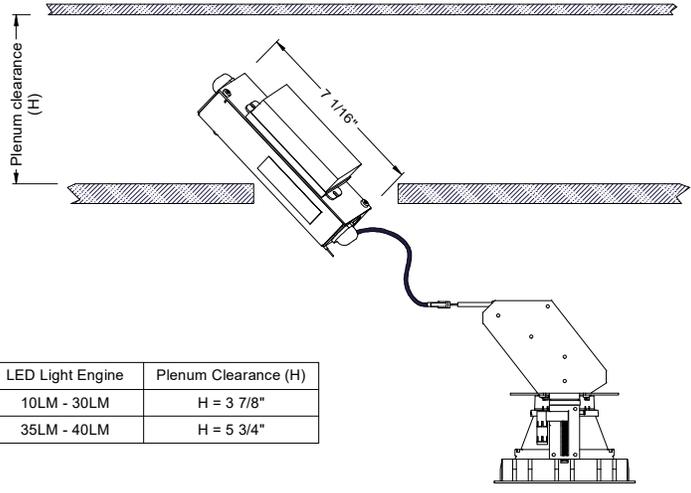
#### TRIMLESS/MILLWORK



PROJECT INFORMATION		
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## MOUNTING OPTIONS

### RET - RETRO TRIM/TRIMLESS

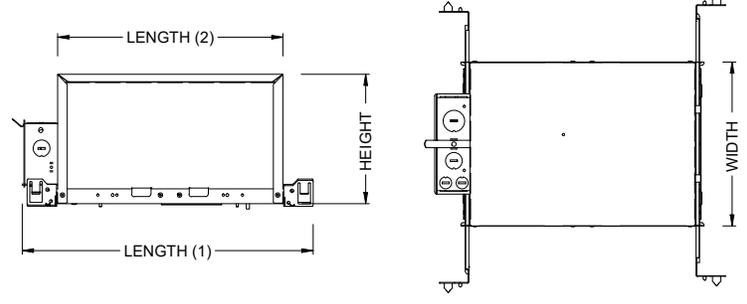


LED Light Engine	Plenum Clearance (H)
10LM - 30LM	H = 3 7/8"
35LM - 40LM	H = 5 3/4"

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	✓	✓	✓	✓	✓

FIXTURE TYPE	MOUNTING TYPE	
	NC, IC, ICAT, CP, RET	NC, IC, ICAT, CP, RET
	STANDARD CEILING THICKNESS	CEILING CUTOUT
TRIM	1/8" to 1-5/8"	4-1/4" square
TRIMLESS	3/8" to 1-3/4"	4-1/2" square
MILLWORK (TRIMLESS)	1/2" to 1-3/4"	4-1/4" square

### IC - INSULATION CONTACT HOUSING ICAT - INSULATION CONTACT / AIR TIGHT CP - CHICAGO PLENUM



BOX SIZE	L1	L2	W	H
A	15 - 7/16"	11 - 3/4"	8 - 1/2"	6 - 3/4"
B	18 - 1/4"	14 - 7/8"	12 - 1/8"	11 - 1/4"

BOX TYPE / LUMEN OUTPUT - STANDARD BEAMS (30°-55°)						
LUMEN OUTPUT	BOX-A			BOX-B		
	IC	ICAT	CP	IC	ICAT	CP
10LM	✓	✓	✓			
15LM	✓	✓	✓			
20LM	✓	✓	✓			
25LM	✓	✓	✓			
30LM	✓	✓	✓			
35LM				✓	✓	✓
40LM						

BOX TYPE / LUMEN OUTPUT - NARROW BEAM (20°)			
LUMEN OUTPUT	BOX-A		
	IC	ICAT	CP
10LM	✓	✓	✓
15LM	✓	✓	✓
20LM	✓	✓	✓

BOX TYPE / LUMEN OUTPUT - NARROW BEAM (14°)			
LUMEN OUTPUT	BOX-A		
	IC	ICAT	CP
10LM	✓	✓	✓
15LM	✓	✓	✓
20LM	✓	✓	✓

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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

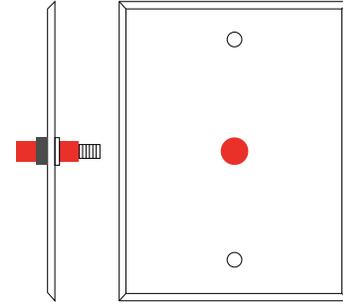
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

### 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.



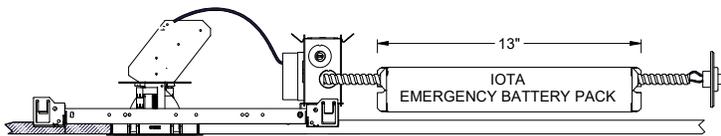
Remote Test Switch

### EM MODE OUTPUT (DELIVERED LUMENS)

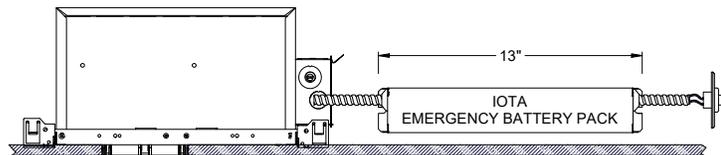
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS ( 10LM TO 30LM)	900LM	1200LM	1400LM

Notes Based on 30K, 80CRI

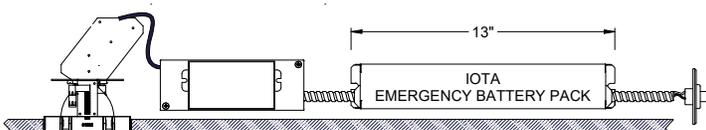
### NC - NEW CONSTRUCTION WITH EM BATTERY (REMOTE TEST SWITCH)



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

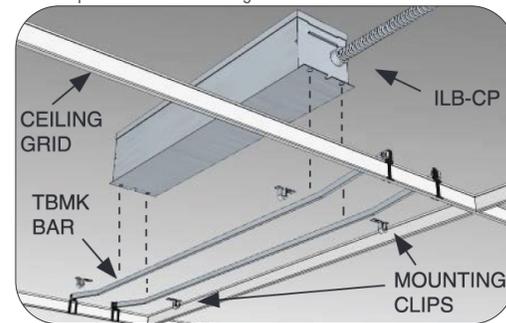


### RET - RETROFIT WITH EM BATTERY (REMOTE TEST SWITCH)



### Accessory

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



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

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

## LOW VOLTAGE OPTIONS

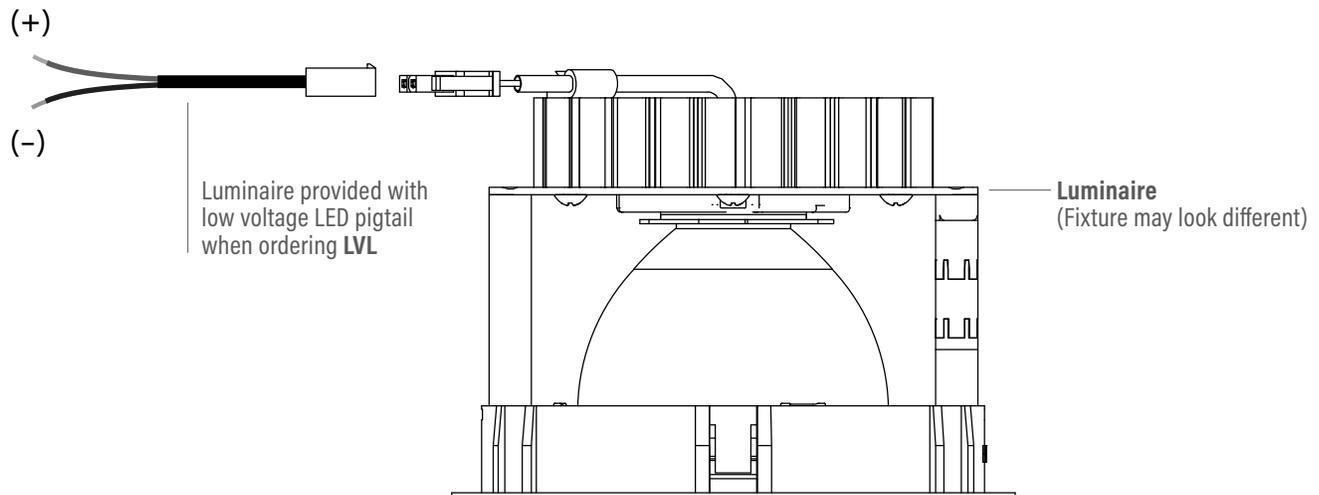
30° - 55° BEAM (Note: Specifications are subject to change without notice)			
14mm COB PERFORMANCE DATA			
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	DRIVE CURRENT	LED WATTAGE
10LM	970LM @30K/80CRI	200mA	7.5W
15LM	1440LM @30K/80CRI	300mA	11W
20LM	2010LM @30K/80CRI	425mA	15.5W
25LM	2440LM @30K/80CRI	525mA	19W
30LM	2970LM @30K/80CRI	650mA	23.5W
35LM	3470LM @30K/80CRI	775mA	28W
40LM	3950LM @30K/80CRI	900mA	32.5W
10LM	830LM @30K/90CRI	200mA	7.5W
15LM	1220LM @30K/90CRI	300mA	11W
20LM	1710LM @30K/90CRI	425mA	15.5W
25LM	2080LM @30K/90CRI	525mA	19W
30LM	2520LM @30K/90CRI	650mA	23.5W
35LM	2950LM @30K/90CRI	775mA	28W
40LM	3360LM @30K/90CRI	900mA	32.5W
Notes	Delivered lumens based on 35D optic with no lens, (see page 2)		

20° BEAM (Note: Specifications are subject to change without notice)			
10mm COB PERFORMANCE DATA			
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	DRIVE CURRENT	LED WATTAGE
10LM	920LM @30K/80CRI	200mA	7.5W
15LM	1530LM @30K/80CRI	350mA	13W
20LM	2090LM @30K/80CRI	500mA	18W
10LM	780LM @30K/90CRI	200mA	7.5W
15LM	1300LM @30K/90CRI	350mA	13W
20LM	1770LM @30K/90CRI	500mA	18W
Notes	Delivered lumens based on 35D optic with no lens, (see page 2)		

14° BEAM (Note: Specifications are subject to change without notice)			
6mm COB PERFORMANCE DATA			
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	DRIVE CURRENT	LED WATTAGE
10LM	1000LM @30K/80CRI	250mA	9W
15LM	1470LM @30K/80CRI	400mA	15W
10LM	850LM @30K/90CRI	250mA	9W
15LM	1250LM @30K/90CRI	400mA	15W
Notes	Delivered lumens based on 35D optic with no lens, (see page 2)		

## NOMINAL LED VOLTAGE: 36VDC

Customer to order CC Remote Driver separately or POE Node by others.



PROJECT INFORMATION		
JOB NAME	TYPE	
ORDERING CODE		

## AWNDR OPTIONS

### Athena Wireless Node

The Athena wireless node is a radio frequency (RF) device that enables simple, digital control of individual light fixtures in an Athena control system.



Athena Wireless Node RF

#### AWNDR

Plenum rated and can be installed above the ceiling for wireless control of a fixture without any impact on fixture aesthetics.

#### FEATURES

- Enables individual, wireless control of each fixture in an Athena control system. Accommodates zone and control changes without rewiring.
- Installed at factory – no wiring required on-site. Fixture is ready to communicate wirelessly once power is connected.
- All drivers on the link are controlled as a single zone.

#### REGULATORY APPROVALS

- cULus Listed (UL916)
- Complies with requirements for use in other spaces used for environmental air (plenums) per NEC® 2014 300.22(C)(3).
- FCC compliant with the limits for a Class B digital device.
- IC (Industry Canada)
- ANSI C137.1 0-10 V- Electronic Off

#### POWER / LOAD

- IEC SELV/NEC® Class 2
- 1 Watt

#### ENVIRONMENTAL

- Ambient operating temperature (immediate vicinity of Athena wireless node): **32 °F to 131 °F** (0 °C to 55 °C), 0% to 90% humidity.

#### BATTERY OPTIONS

- For EM options please consult factory.

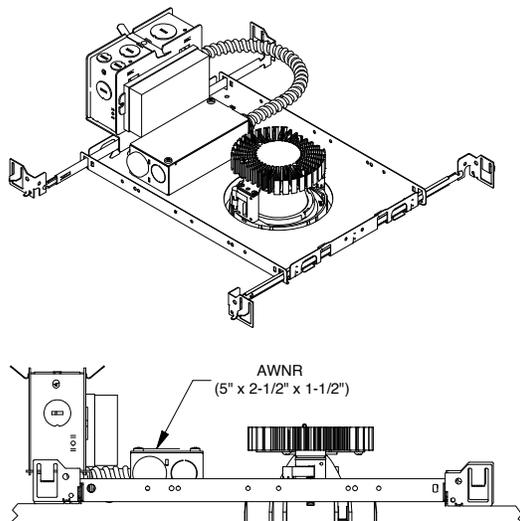
#### Note: Default behavior prior to programming

- Light level 100%
- Athena wireless node performs an unprogrammed startup sequence on every power up until the device is added to an Athena system.
- Each Athena wireless node should be installed within 25 ft (7.62 m) of two or more Athena wireless nodes or other Clear Connect – Type X devices.
- For Chicago plenum installations, the Athena wireless node may not be installed in the plenum space. It must be installed in the occupied space.

**For servicing the driver/j-box, access above ceiling is required. (NC Mounting)**

**IC/ICAT/CP not available in AWNR.**

### NC - NEW CONSTRUCTION



### RET - RETRO FIT

