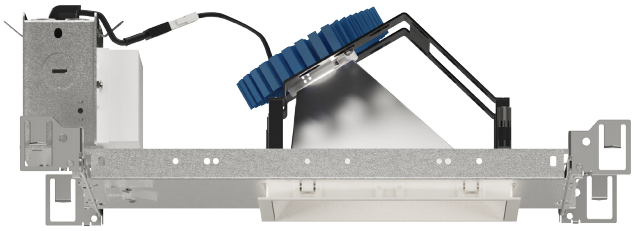
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU6

6" Square Wall Wash Standard White

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





Trim

WW BEAM (Note: Specifications are subject to change without notice)		
14mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	**NOMINAL DELIVERED LUMENS**	**SYSTEM WATTAGE**
10LM	1010LM @30K/80CRI	10W
15LM	1500LM @30K/80CRI	15W
20LM	1980LM @30K/80CRI	20W
25LM	2540LM @30K/80CRI	26W
30LM	3080LM @30K/80CRI	33W
35LM	3600LM @30K/80CRI	40W
10LM	860LM @30K/90CRI	10W
15LM	1280LM @30K/90CRI	15W
20LM	1690LM @30K/90CRI	20W
25LM	2160LM @30K/90CRI	26W
30LM	2620LM @30K/90CRI	33W
35LM	3060LM @30K/90CRI	40W
Notes	Delivered lumens based on WW optic with no lens, (see page 2)	

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
- 3/4" bezel regress with 1/16" micro flange
- UGR <18
- 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 1.0%
- 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 1-5/8"

LED

- 90 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 66,000 hrs
- 80 CRI: SDCM = 3-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 66,000 hrs

LISTING

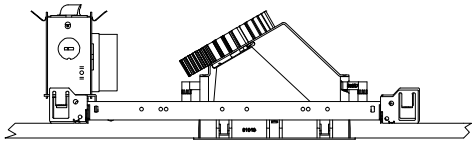
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- **Declare.** - LBC Red List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

ELECTRICAL

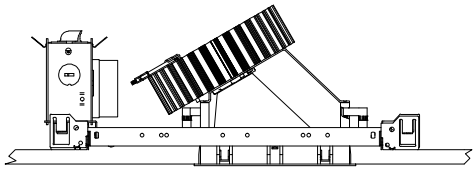
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote and Integral (ITS) emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C
- Low Voltage Luminaire option, see page 8.

FIXTURE HEIGHT

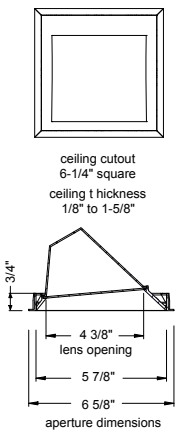
10LM - 30LM LOW LUMENS



35LM HIGH LUMENS



TRIMMED



alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

ORDERING CODE

SERIES	**NU6**	NU6
TYPE	**QW**	square wall wash
LED	**SW**	standard white
DELIVERED LUMENS	**10LM**	1010 lm
	15LM	1500 lm
	20LM	1980 lm
	25LM	2540 lm
	30LM	3080 lm
	35LM	3600 lm
	Standard Configuration: 3000K 80CRI **Calculated Delivered Lumens** = [Delivered Lumen Value] x [CCT Multiplier]	
CCT	**27K**	2700K
	30K	3000K
	35K	3500K
	40K	4000K

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

CRI	**80**	80 CRI
	90	90 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
	CC[1]	custom color, consult factory for details
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.	

BEZEL COLOR SEE PAGE 3	**BK**	black	(0.98)
	WH	white	(1.00)
	MC	matte chrome	(0.99)
	BZ	bronze	(0.98)
	CC[1]	custom color, consult factory for details	
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.		

ORDERING CODE

MOUNTING OPTIONS SEE PAGE 5, 8	**NC**	new construction plate
	IC[2]	insulation contact housing
	ICAT[2]	insulation contact/airtight housing
	CP[2]	chicago plenum housing
	RET	retrofit, no ceiling plate
VOLTAGE	**120**	120V
	UNV	120V-277V
	LVL[3]	low voltage luminaire
DIMMING	**DIM10**	eldoLED flicker free 0-10V dim to 1%
	DIM10Z	eldoLED flicker free 0-10V dim 0.1%
	DALI	eldoLED flicker free DALI-2 dim to 1%
	DALIZ	eldoLED flicker free DALI-2 dim to 0.1%
	DMX-RJ45	DMX control dimming to 0.1% with RJ45 connection
	DMX-WL	DMX-512/RDM dim to 0% with lead wire input
	DMX-XLR	DMX-512/RDM dim to 0% with XLR input
	LUTP[4]	Lutron Hi-Lume Eco (fade) dim to 0.1%
	ELV1	leading edge & trailing edge (Triac/ELV) dim to 1%
	L3DA	Lutron Hi-lume 1% 3-wire/Ecosystem
	NLT	nLight control interface: Cat-5/RJ45, dim to off
	CAS	Casambi control with flicker free 1% dimming
	AWNR[5]	lutron athena wireless node
	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.
ELECTRICAL OPTIONS	**EM7**	remote emergency battery, 90 min at 7W
	EM12	remote emergency battery, 90 min at 12W
	EM10CA20	remote emergency battery, 90 min at 10W

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:

NU6 - QW - SW - 20LM - 35K - 90 - WW - WH - WH - NC - UNV - DIM10 - EM7

NOTES

1. Custom set up fee plus minimum quantity required per color.
2. IC/ICAT/CP not available in 35LM.
3. Must select ND dimming code, for remote driver or POE specification see page 8.
4. LUTP not available in 25LM/30LM/35LM.
5. AWNR reference page 9 for product specifications on Athena wireless node.

* EldoLED uses logarithmic dimming curve as standard. For linear dimming curve, add "LIN" after dimming code, i.e. DIM10LIN.

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			

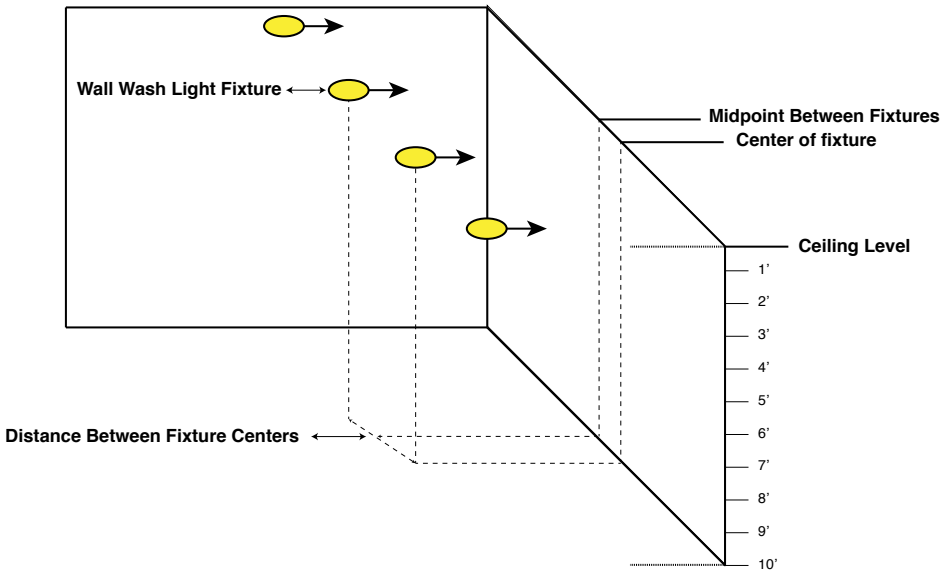
TRIM OPTIONS

TRIM/BEZEL COLORS



WH MC BK BZ

PHOTOMETRIC DATA DIAGRAM



FOOT CANDLE MEASUREMENT

PHOTOMETRIC DATA CHARTS

STANDARD WHITE WALL WASH 35LM80CRI 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'	136.8	150.9	92.8	96.5	88.1	51	15.6	19.5	11.9	15.7	10.1	6	6.3	6.4	5	5.1	3.9	3
2'	285.6	293.3	194.7	196.7	163.5	129.6	100.4	105.8	73.5	81.5	61.3	40.5	45.9	48.6	34.2	37.7	23.2	24.1
3'	204.4	207.9	142.9	145.9	111.8	108.3	126.9	130.4	95.7	100	72.7	57.6	83.9	87.6	64.4	68	43.4	44.4
4'	125.2	128.6	93.1	94.3	71.9	72.8	104.8	106.2	80.2	82.8	57.2	53.5	90.9	93.4	71.4	73.3	48.7	49.2
5'	76.7	78.7	59.8	61.2	47.4	48.2	77.5	79.2	61.5	62.7	42.8	42.5	77	79.5	62.6	63.5	42.7	43.8
6'	48.8	49.9	39.7	40.8	32.3	33	55.7	57.2	45.4	46.4	31.9	32.3	61.4	63.6	51.1	52	35.7	36.5
7'	32.2	32.9	27.2	28	22.7	23.4	40	41.1	33.4	34.3	24.1	24.5	47.4	48.9	40.2	41.1	29	29.4
8'	22.1	22.5	19.2	19.7	16.4	16.9	29.2	29.9	25	25.7	18.5	18.8	36.2	37.3	31.3	32.2	23.3	23.6
9'	15.8	16	14	14.3	12.2	12.6	21.7	22.2	18.9	19.4	14.4	14.7	27.8	28.5	24.4	25.1	18.6	18.9
10'	11.6	11.7	10.5	10.7	9.3	9.6	16.4	16.7	14.5	14.9	11.3	11.6	21.4	22	19.2	19.7	15	15.3

NOTE

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

100202

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

STANDARD WHITE WALL WASH 30LM 80CRI 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'	117.3	129.3	79.5	82.7	75.5	43.7	13.4	16.7	10.2	13.5	8.7	5.2	5.4	5.5	4.3	4.4	3.3	2.6
2'	244.8	251.4	166.9	168.6	140.2	111.1	86	90.7	63	69.8	52.5	34.7	39.3	41.7	29.3	32.3	19.9	20.7
3'	175.2	178.2	122.5	125	95.8	92.8	108.8	111.8	82	85.7	62.3	49.4	71.9	75.1	55.2	58.3	37.2	38.1
4'	107.4	110.3	79.8	80.8	61.6	62.4	89.8	91	68.8	71	49	45.8	77.9	80.1	61.2	62.9	41.7	42.2
5'	65.7	67.5	51.3	52.4	40.7	41.3	66.5	67.9	52.8	53.7	36.7	36.4	66	68.2	53.7	54.4	36.6	37.5
6'	41.8	42.8	34	35	27.7	28.3	47.7	49	38.9	39.7	27.4	27.7	52.7	54.5	43.8	44.5	30.6	31.3
7'	27.6	28.2	23.3	24	19.4	20	34.3	35.2	28.7	29.4	20.7	21	40.6	41.9	34.4	35.2	24.8	25.2
8'	19	19.3	16.5	16.9	14.1	14.5	25	25.6	21.4	22	15.8	16.1	31.1	32	26.8	27.6	19.9	20.2
9'	13.5	13.7	12	12.3	10.5	10.8	18.6	19	16.2	16.7	12.3	12.6	23.8	24.4	20.9	21.5	15.9	16.2
10'	9.9	10	9	9.2	8	8.2	14	14.3	12.5	12.8	9.7	10	18.4	18.8	16.4	16.9	12.8	13.1

STANDARD WHITE WALL WASH 20LM 80CRI 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'	75.5	83.2	51.2	53.2	48.6	28.1	8.6	10.8	6.5	8.7	5.6	3.3	3.5	3.5	2.8	2.8	2.1	1.7
2'	157.5	161.8	107.4	108.5	90.2	71.5	55.4	58.3	40.5	44.9	33.8	22.3	25.3	26.8	18.9	20.8	12.8	13.3
3'	112.8	114.7	78.8	80.5	61.7	59.7	70	71.9	52.8	55.2	40.1	31.8	46.3	48.3	35.5	37.5	23.9	24.5
4'	69.1	70.9	51.3	52	39.6	40.1	57.8	58.6	44.2	45.7	31.5	29.5	50.1	51.5	39.4	40.5	26.8	27.1
5'	42.3	43.4	33	33.8	26.2	26.6	42.8	43.7	33.9	34.6	23.6	23.4	42.5	43.9	34.5	35	23.5	24.1
6'	26.9	27.5	21.9	22.5	17.8	18.2	30.7	31.5	25.1	25.6	17.6	17.8	33.9	35.1	28.2	28.7	19.7	20.1
7'	17.8	18.1	15	15.4	12.5	12.9	22.1	22.7	18.4	18.9	13.3	13.5	26.1	27	22.2	22.7	16	16.2
8'	12.2	12.4	10.6	10.9	9.1	9.3	16.1	16.5	13.8	14.2	10.2	10.4	20	20.6	17.3	17.7	12.8	13
9'	8.7	8.8	7.7	7.9	6.7	6.9	12	12.2	10.4	10.7	7.9	8.1	15.3	15.7	13.5	13.8	10.3	10.4
10'	6.4	6.5	5.8	5.9	5.1	5.3	9	9.2	8	8.2	6.2	6.4	11.8	12.1	10.6	10.9	8.2	8.4

STANDARD WHITE WALL WASH 10LM 80CRI 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'	38.5	42.5	26.1	27.2	24.8	14.3	4.4	5.5	3.3	4.4	2.8	1.7	1.8	1.8	1.4	1.4	1.1	0.9
2'	80.4	82.5	54.8	55.4	46	36.5	28.2	29.8	20.7	22.9	17.2	11.4	12.9	13.7	9.6	10.6	6.5	6.8
3'	57.5	58.5	40.2	41	31.5	30.5	35.7	36.7	26.9	28.1	20.4	16.2	23.6	24.7	18.1	19.1	12.2	12.5
4'	35.2	36.2	26.2	26.5	20.2	20.5	29.5	29.9	22.6	23.3	16.1	15.1	25.6	26.3	20.1	20.6	13.7	13.8
5'	21.6	22.1	16.8	17.2	13.4	13.6	21.8	22.3	17.3	17.6	12.1	11.9	21.7	22.4	17.6	17.9	12	12.3
6'	13.7	14	11.2	11.5	9.1	9.3	15.7	16.1	12.8	13	9	9.1	17.3	17.9	14.4	14.6	10.1	10.3
7'	9.1	9.3	7.7	7.9	6.4	6.6	11.3	11.6	9.4	9.7	6.8	6.9	13.3	13.8	11.3	11.6	8.2	8.3
8'	6.2	6.3	5.4	5.6	4.6	4.8	8.2	8.4	7	7.2	5.2	5.3	10.2	10.5	8.8	9	6.5	6.6
9'	4.4	4.5	3.9	4	3.4	3.5	6.1	6.2	5.3	5.5	4	4.1	7.8	8	6.9	7.1	5.2	5.3
10'	3.3	3.3	2.9	3	2.6	2.7	4.6	4.7	4.1	4.2	3.2	3.3	6	6.2	5.4	5.5	4.2	4.3

NOTE

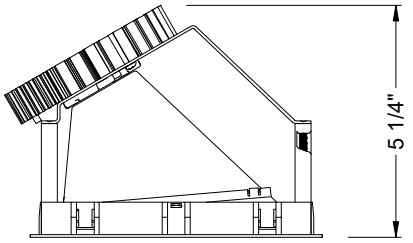
1. Performance based on typical reflectance values and room dimensions. IES files available at ledrabrands.com

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

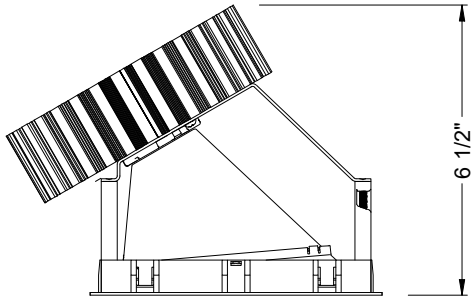
MOUNTING OPTIONS

FIXTURE HEIGHT

10LM - 30LM LOW LUMEN

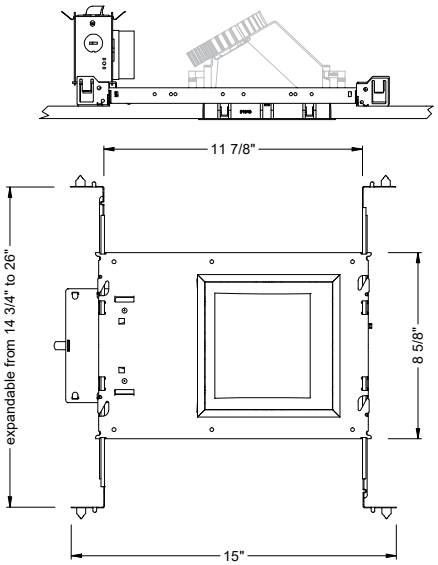


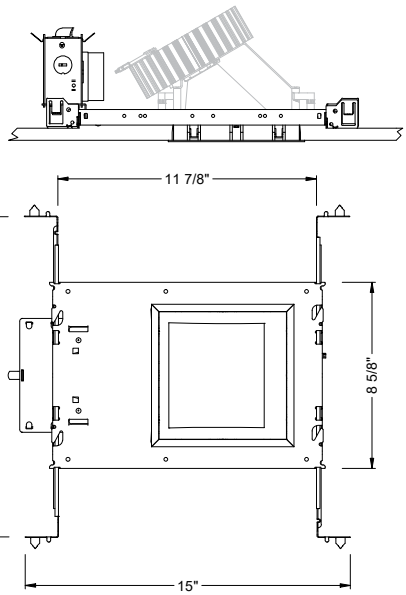
35LM HIGH LUMEN



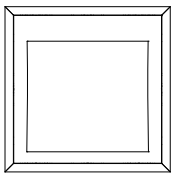
NC - NEW CONSTRUCTION

TRIM

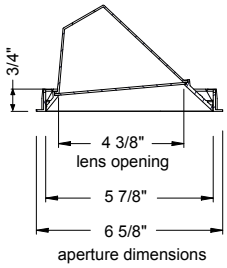




TRIM



ceiling cutout
6-1/4" square
ceiling t hickness
1/8" to 1-5/8"

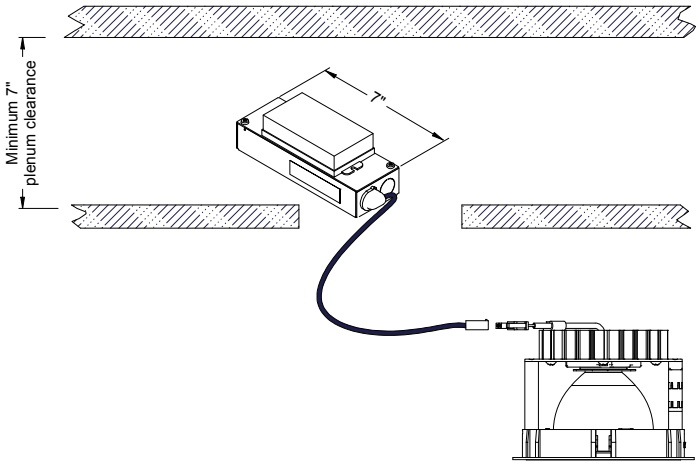


aperture dimensions

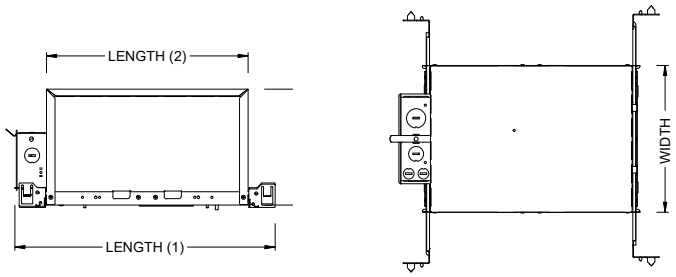
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS (CONTINUED)

RET - RETRO
TRIM/TRIMLESS



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"
B	18 - 1/4"	14 - 7/8"	12 - 1/8"	11 - 1/4"

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	✔	✔	✔	✔	✔

CEILING THICKNESS		
FIXTURE TYPE	MOUNTING TYPE	
	NC,IC,ICAT,CP,RET	
	STANDARD CEILING THICKNESS	CEILING CUTOUT
TRIM	1/8" to 1-5/8"	6-1/4" square

BOX TYPE / LUMEN OUTPUT - WW BEAM						
LUMEN OUTPUT	BOX-A			BOX-B		
	CP	IC	ICAT	CP	IC	ICAT
10LM	✔	✔	✔			
15LM	✔	✔	✔			
20LM	✔	✔	✔			
25LM	✔	✔	✔			
30LM				✔	✔	✔
35LM						

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

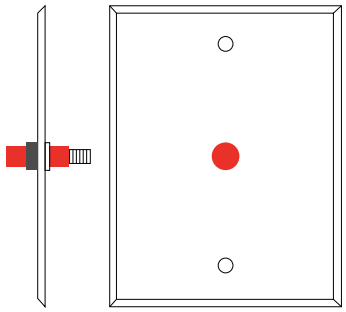
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

EMERGENCY BATTERY ACCESS

Above ceiling access is 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

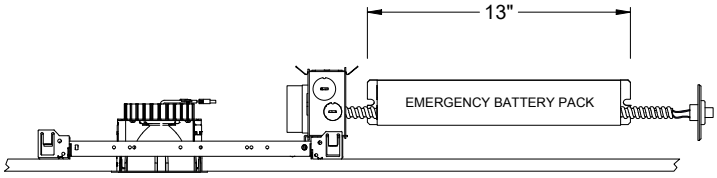
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



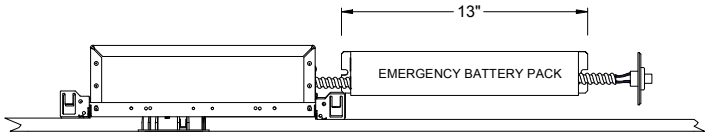
Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS	707 LM	1010 LM	1200 LM
Notes: Based on 3000K, 80CRI			

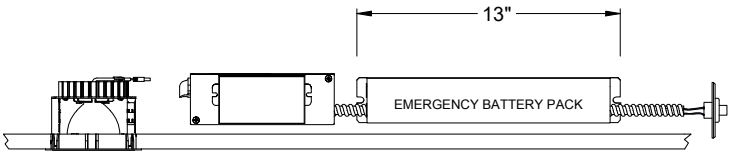
NC - NEW CONSTRUCTION
WITH EM BATTERY (REMOTE TEST SWITCH)



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

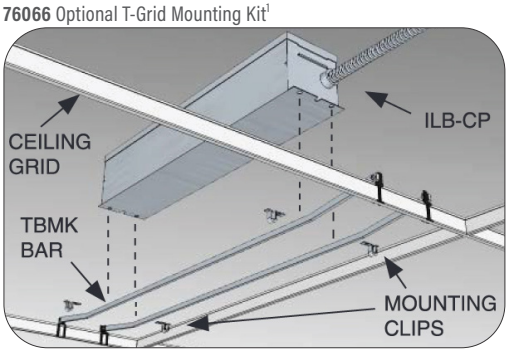


RET - RETROFIT
WITH EM BATTERY (REMOTE TEST SWITCH)



Accessory

76066 Optional T-Grid Mounting Kit[1]



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

100202

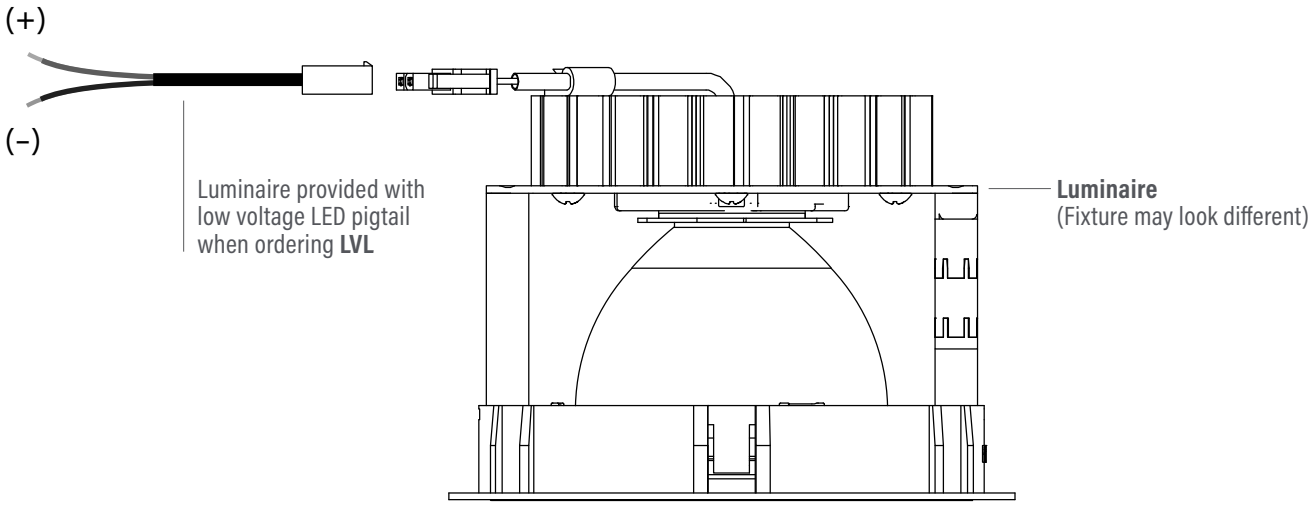
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

LOW VOLTAGE OPTIONS

WW BEAM (Note: Specifications are subject to change without notice)			
14mm COB PERFORMANCE DATA			
LED LIGHT ENGINE	**NOMINAL DELIVERED LUMENS**	**DRIVE CURRENT**	**LED WATTAGE**
10LM	1010LM @30K/80CRI	250mA	10W
15LM	1500LM @30K/80CRI	375mA	15W
20LM	1980LM @30K/80CRI	500mA	20W
25LM	2540LM @30K/80CRI	650mA	26W
30LM	3080LM @30K/80CRI	800mA	33W
35LM	3600LM @30K/80CRI	950mA	40W
10LM	860LM @30K/90CRI	250mA	10W
15LM	1280LM @30K/90CRI	375mA	15W
20LM	1690LM @30K/90CRI	500mA	20W
25LM	2160LM @30K/90CRI	650mA	26W
30LM	2620LM @30K/90CRI	800mA	33W
35LM	3060LM @30K/90CRI	950mA	40W
Notes	Delivered lumens based on WW optic with no lens, (see page 2)		

NOMINAL LED VOLTAGE: 36VDC

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



100202

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

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

OEM ADVANTAGE LUTRON

AWNR

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.

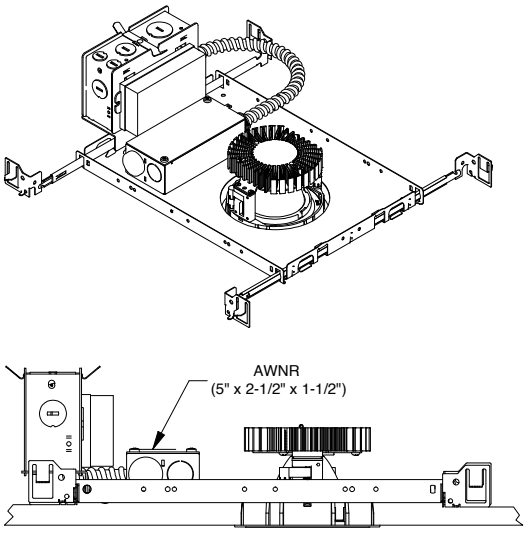
Note: Default behavior prior to programming

- 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.

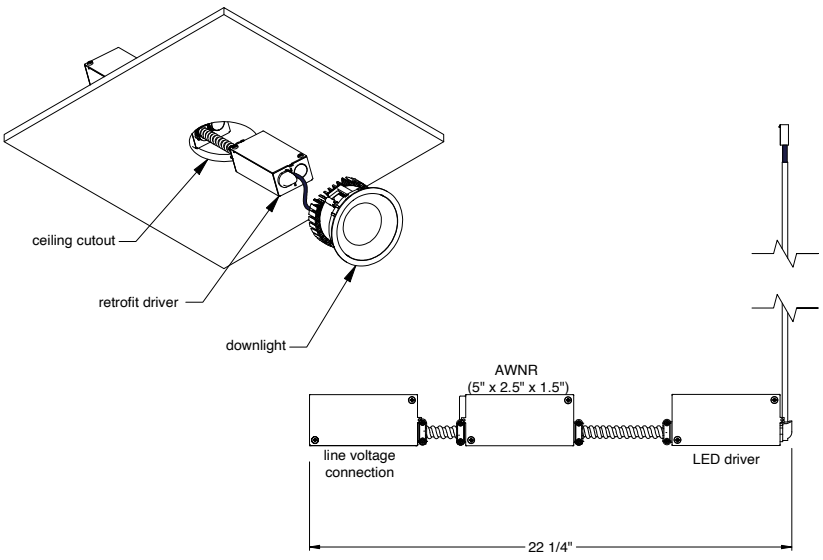
For servicing the driver/j-box, access above ceiling is required. (NC Mounting)

IC/ICAT/CP not available in AWNR.

NC - NEW CONSTRUCTION



RET - RETRO FIT



100202

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.