LUX SERIES | LX1.3 SURFACE / SUSPENDED / WALL

Client:
Project:
Type:
Quantity:

Product Features

LUX Series LX1.3 architectural linear luminaire housing from 1.3" wide aluminum extruded profile, available in 2, 4, and 8-Ft length with Black, White finish; steel cable suspension system for direct ceiling mounting, with power supply unit integral inside fixture, and power feed cable through the 5-inch junction box cover plate; integral driver, frosted polycarbonate lens; emits even soft direct/indirect facing light for general illumination; >80CRI LED; field selectable CCT in 3000K / 3500K / 4000K; 85% of luminous flux after 50,000 hours; cULus damp location listed; universal input 120-277V power supply with 0-10V dimming capability down to 10%.

Technical Specifications

|	
INPUT VOLTAGE	Universal Input AC120-277V
FREQUENCY	50/60hz
COLOR TEMPERATURE	Field Selectable 3000K / 3500K / 4000K
COLOR RENDERING INDEX	>80
DISTRIBUTION	Direct/Indirect, Field Selectable Output
IP RATING	Damp Location
LIFE SPAN	>50,000 Hours
DIMMING	0-10V Dimming

cULus LISTED   QUICK SHIP QS   PROUDLY ASSEMBLED IN AMERICA

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14750 East Nelson Ave Unit B
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P: 909-598-1077
www.allureltg.com

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SUBMITTAL WORKSHEET						

Order Code Example:	LX1.3	- IL2	- SC	- QM	- WH	- WH
	A	B	C	D	E	F

	LX1.3-CON	- EMB-H08170
	G	G

A SERIES (CHOOSE ONE)

LX1.3	LUX Series 1.3" Profile Architectural Linear

B SIZE & OUTPUT (CHOOSE ONE)

CODE		LENGTH	DISTRIBUTION	RATIO FIELD SELECTABLE	POWER & LUMEN FIELD SELECTABLE
IL2	QS	2FT	Direct (D) / Indirect (I)	D-75% & I-25%, D-100%	10W / 15W / 20W
IL4	QS	4FT	Direct (D) / Indirect (I)	D-75% & I-25%, D-100%	20W / 30W / 40W
IL8	QS	8FT	Direct (D) / Indirect (I)	D-75% & I-25%, D-100%	40W / 60W / 80W
					*see page 3 for Lumen Detail

C CCT (CHOOSE ONE)

SC	QS	Field Selectable 3000K / 3500K / 4000K

D MOUNTING (CHOOSE ONE)

QM	QS	4FT Suspension, 4FT Power Cord, 4.5-inch Round J-Box Plate & 1.6-inch Mounting Plate
QM12		12FT Suspension, 12FT Power Cord, 4.5-inch Round J-Box Plate & 1.6-inch Mounting Plate
SM	QS	Surface Mount Kit (SUITABLE FOR DIRECT DISTRIBUTION ONLY)
WM		Wall Mount

E FINISH (CHOOSE ONE)

BK	QS	Black
WH	QS	White

F POWER CORD (CHOOSE ONE)

BK	QS	4FT Black Power Cord
WH	QS	4FT White Power Cord

G OPTIONS

blank		Integral Driver 120~277V 0-10V Dimming
BAA		Assembled in America, Compliant with BAA (COTS)
LX1.3-CON	QS	LUX 1.3" Profile Line Joiner (Metal Bracket)
LX1.3-CON-N-L	QS	LUX 1.3" Profile "L" 90DEG NonLit Corner
LX1.3-CON-N-T	QS	LUX 1.3" Profile "T" 90DEG NonLit Corner
LX1.3-CON-N-X	QS	LUX 1.3" Profile "X" 90DEG NonLit Corner
T-BAR**		4" Octagon Box Included, Adjustable T-Bar Clip Suitable for 9/16" Flat, 9/16" Slot, 15/16" Flat T-Bar Grid Spec
LENS-LX1.3-42FT	QS	LUX 1.3" 42FT Continuous Rolling Lens
EMB-H08170*	QS	Self-Diagnostic Emergency Battery 8W 100-347VAC Input 170VDC Output
EMB-H18170*	QS	Self-Diagnostic Emergency Battery 18W 100-347VAC Input 170VDC Output

*see page 6 for EMB spec

**see page 7 for detail

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DIMENSIONS

Cross Section

| SERIES & SIZE	DIMENSION	Section
LX1.3-IL2	L25.28" x W1.30" x H2.24"	1
LX1.3-IL4	L50.40" x W1.30" x H2.24"	1
LX1.3-IL8	L100.63" x W1.30" x H2.24"	1

Quick Mount

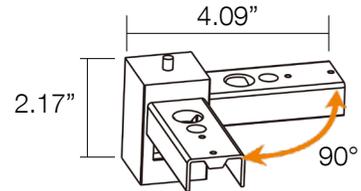1.60"   4.50"
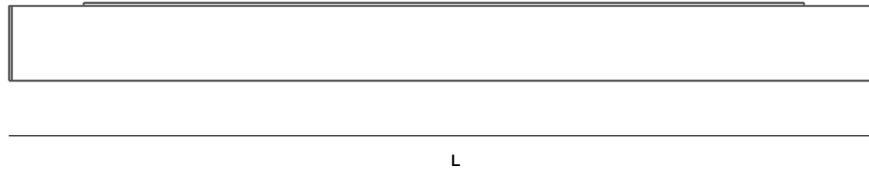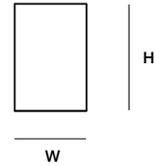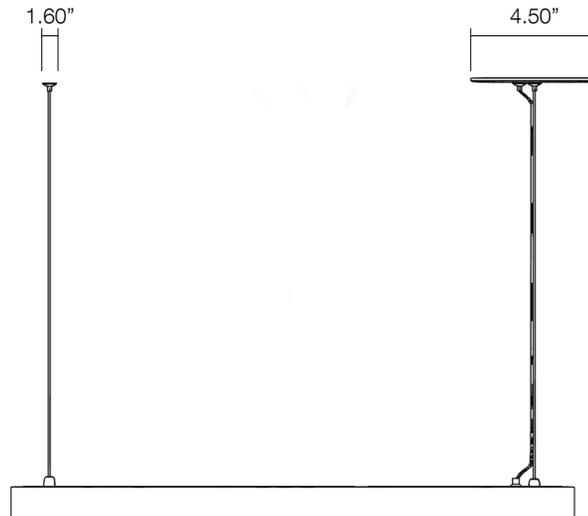
PERFORMANCE

Lens Type	Length	Power Setting (Field Selectable) (W)			Distribution Setting (Field Selectable)					
					D-75% & I-25% (LM)			D-100% (LM)		
		Low	Mid	High	Low	Mid	High	Low	Mid	High
Frosted	2FT	10	15	20	981	1472	1962	905	1358	1810
	4FT	20	30	40	1993	2990	3986	1886	2829	3771
	8FT	40	60	80	3986	5979	7732	3771	5657	7542

DIMENSIONS
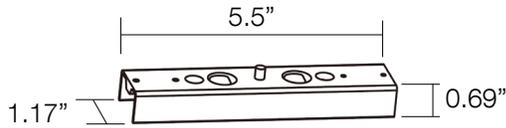
LX1.3-CON
LUX 1.3" Profile Line Joiner (metal bracket)

LX1.3-CON-N-L
LUX 1.3" Profile "L" 90DEG NonLit Corner
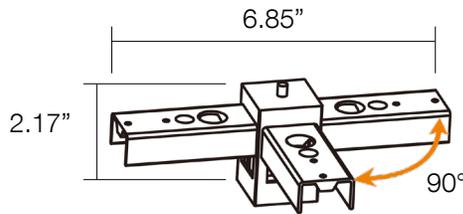
LX1.3-CON-N-T
LUX 1.3" Profile "T" 90DEG NonLit Corner
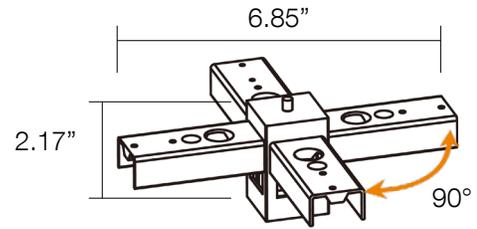
LX1.8-CON-N-X
LUX 1.3" Profile "X" 90DEG NonLit Corner

PHOTOMETRIC

IES: LX1.3-IL2SC D-75% / I-25% @ 4000K 20W
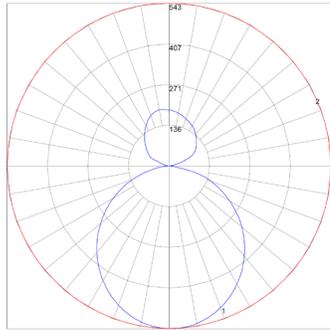
Zone	Lumen	Luminaire%
0-30	414	21.10
0-40	673	34.30
0-60	1176	59.90
0-90	1473	75.10
0-180	1962	100

Lumen: 1962
Input Watts: 19.8 W
Efficacy: 99 LPW
UGR: 28.2

IES: LX1.3-IL2SC D-100% @ 4000K 20W
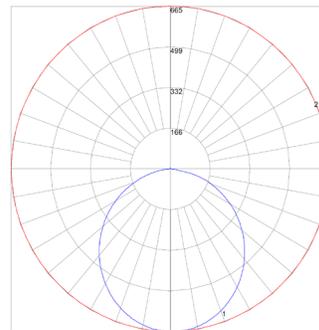
Zone	Lumen	Luminaire%
0-30	240	28
0-40	823	45.60
0-60	1440	79.60
0-90	1803	99.60
0-180	1810	100

Lumen: 1810
Input Watts: 19.7 W
Efficacy: 92 LPW
UGR: 30.2

IES: LX1.3-IL4SC D-75% / I-25% @ 4000K 40W
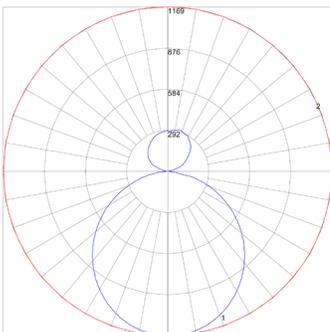
Zone	Lumen	Luminaire%
0-30	896	22.50
0-40	1463	36.70
0-60	2540	63.70
0-90	3189	80
0-180	3986	100

Lumen: 3986
Input Watts: 41.8 W
Efficacy: 95 LPW
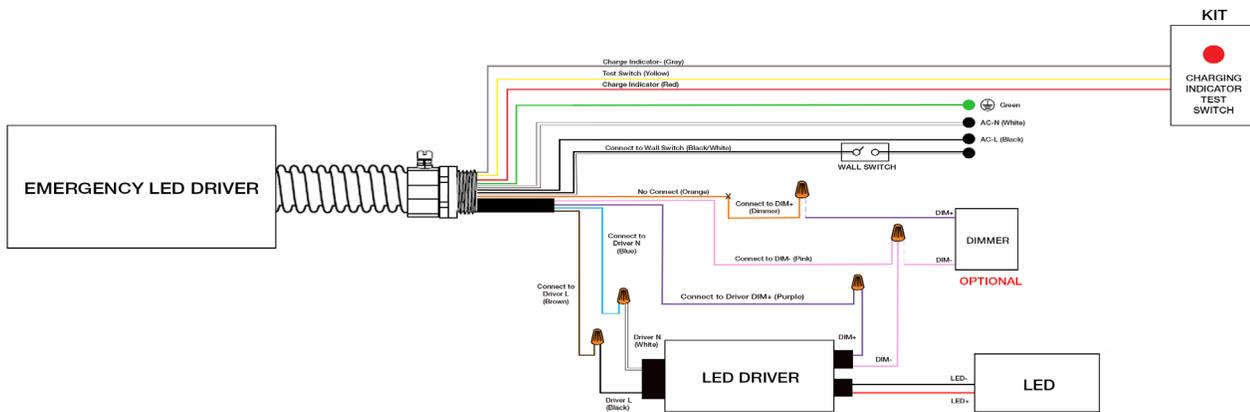UGR: 28.9

IES: LX1.3-IL4SC D-100% @ 4000K 40W
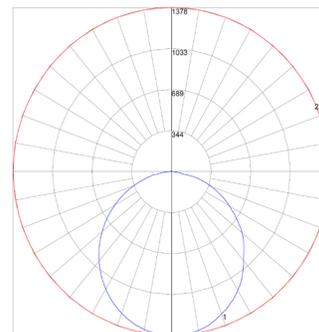
Zone	Lumen	Luminaire%
0-30	1054	27.90
0-40	1719	45.60
0-60	2987	79.20
0-90	3751	99.50
0-180	3771	100

Lumen: 3771
Input Watts: 42.2 W
Efficacy: 89 LPW
UGR: 30.5

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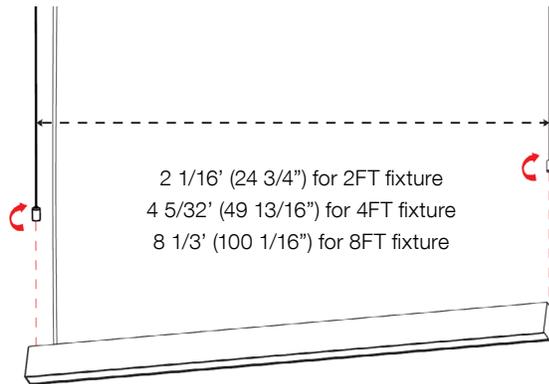
EMB SPEC

Model	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-H08170	90mins	100-347VAC	170VDC	8W	0°C ~ 50°C 32°F ~ 122°F	Field Install
EMB-H18170	90mins	100-347VAC	170VDC	18W	0°C ~ 50°C 32°F ~ 122°F	Field Install

INSTALLATION

QUICK MOUNT
PART# QM / QM12

2 1/16' (24 3/4") for 2FT fixture
4 5/32' (49 13/16") for 4FT fixture
8 1/3' (100 1/16") for 8FT fixture

1: Install suspension by rotating adapter clockwise to the top of the fixture.

2: Use cable tie to keep the power feed wire in place next to the suspension cable.

**T-GRID INSTALL**
PART# QM-T-BAR / QM12-T-BAR

Part# T-Bar   Part# T-Bar

Compatible with QM and QM12 Mounting Option

9/16" Flat, 9/16" Slot, 15/16" Flat T-bar grid
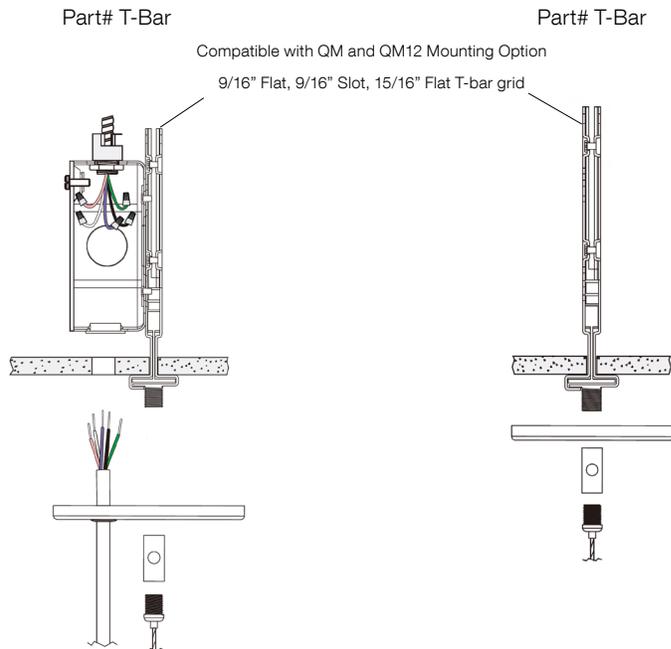
Adjustable T-Bar Clip with 4" Octagon Box Attachment for (1) Suspension Point

Adjustable T-Bar Clip for 1.6-inch Mounting Plate Attachment for (1) Suspension Point

INSTALLATION

SURFACE MOUNT

Hole size: 0.47"

2.76"

18" for 2' fixture
43 3/16" for 4' fixture
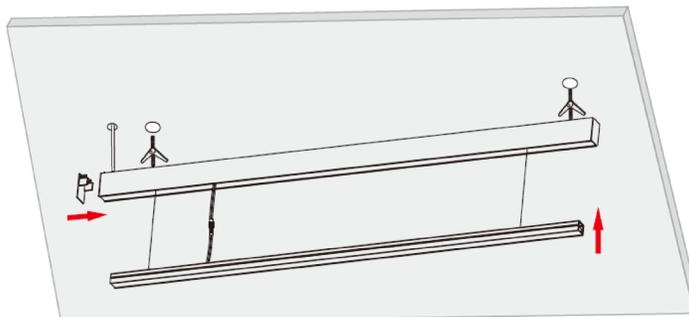93 3/8" for 8' fixture
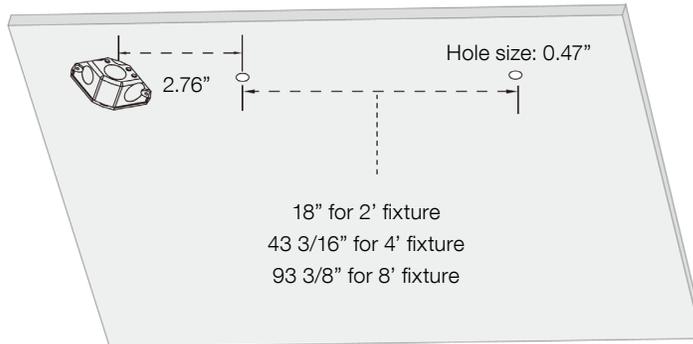
1: Identify mounting location
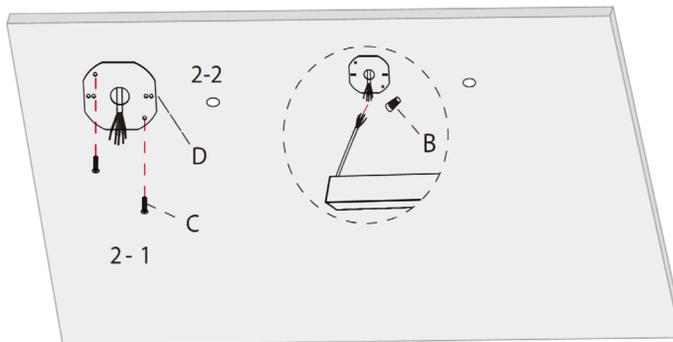
2-1: Use the Square Plate "D" to cover the junction box and secure with screw "C", before plastering the ceiling.
2-2: Make the wiring connection using the wire nuts provided between the luminaire and the incoming power line.
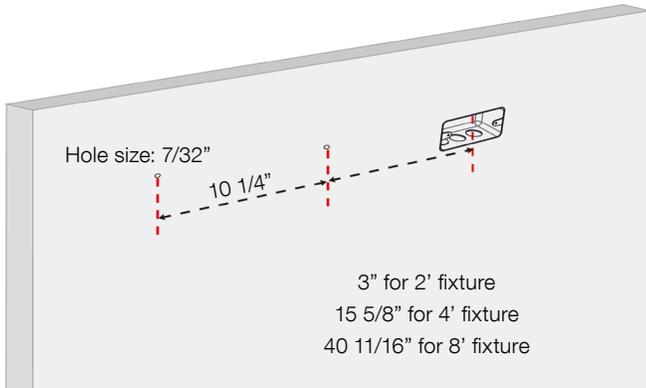

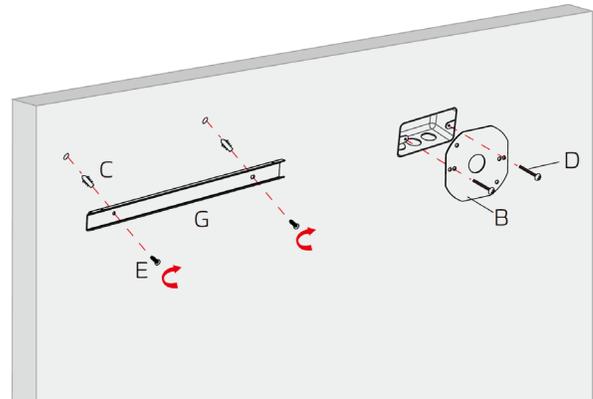3.1: Install Butterfly Drywall Anchor "A" on housing.
3.2: Insert LED module back into housing to make wiring connection.

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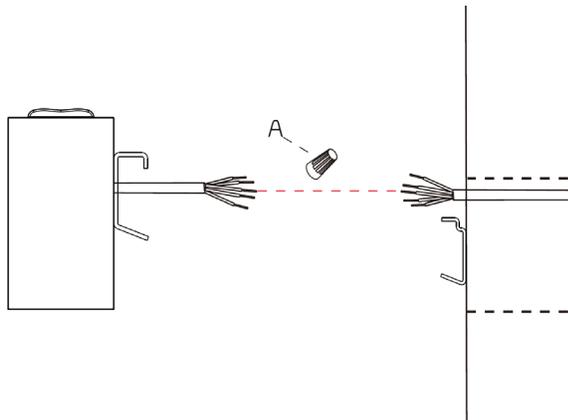
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INSTALLATION

WALL MOUNT
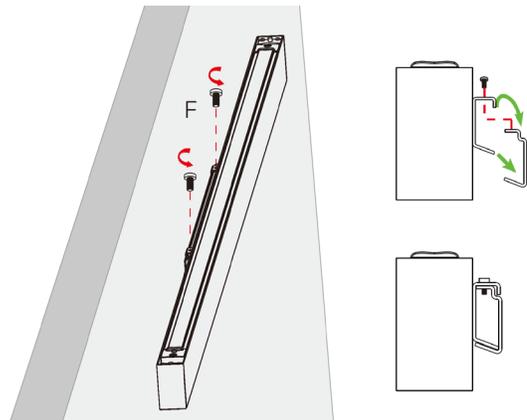

1: Identify mounting location

2-1: Insert Anchor "C" into both holes and secure the mounting bracket "G" with screw "E".

2-2: Use the square cover plate "B" to cover the junction box and secure with screw "D", before plastering the wall.

3-1: Make the wiring connection using the wire nuts provided between the luminaire and the incoming power line.

3-2: Tuck the wires into junction box.

4: Latch the luminaire to the mounting bracket, and secure it with screws provided.