

# 4" CONTINUOUS – SUSPENDED

# LX4

## LED



LX4D Shown

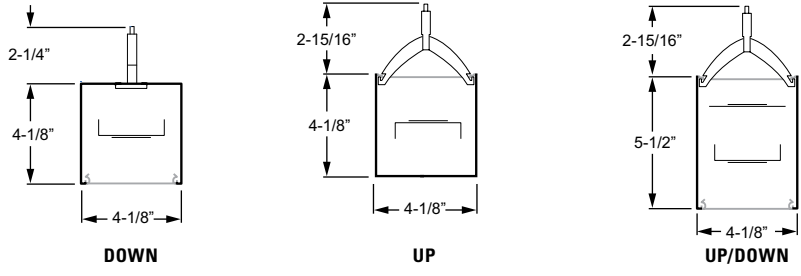
CATALOG #: \_\_\_\_\_ TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_ NOTES: \_\_\_\_\_

**EXAMPLE** **LX4 D - 4 - L12/840 - S - A - OPTIONS - DRV - UNV**

SERIES    DIST.    NOMINAL LENGTH    LUMENS PER FOOT    CRI & CCT    FIXTURE TYPE    SHIELDING    OPTIONS    DRIVER    VOLTAGE

### CROSS SECTIONS



### ORDERING INFORMATION

**SERIES**  
**LX4**      4" Continuous – Suspended

**DISTRIBUTION**  
**D**      Down  
**U**      Up  
**UD**     Up and Down (not available with 2' fixtures)

**NOMINAL LENGTH**  
**See page 4 for actual illuminated length**  
 Stand-alone – 2'-12' nominal lengths specified in 2' increments; fixture ships assembled. Example: **2** = 2'.  
 Row-mount – Row mounted fixtures ship unassembled.  
 Specify lengths per chart on page 4. Example: **36** = 35'-3/8".  
**Contact** apps@hew.com for layout assistance.

**LED PACKAGE**  
 Nominal lumens based on 3500K, actual lumens may vary.

**UPLIGHT OR DOWNLIGHT ONLY**

**EXAMPLE: L12/840**

LUMEN PACKAGE	NOMINAL LUMENS PER FOOT		MINIMUM CRI & CCT
	STANDARD	ASY OPTION	
L8	800	500	<b>827</b> = 80 CRI, 2700K
			<b>830</b> = 80 CRI, 3000K
			<b>835</b> = 80 CRI, 3500K
L12	1,200	800	<b>840</b> = 80 CRI, 4000K
			<b>850</b> = 80 CRI, 5000K

**UP & DOWNLIGHT ONLY**  
 Specify lumen packages: **U** for Uplight and **D** for Downlight.

**EXAMPLE: L12/840U/L12/840D**

LUMEN PACKAGE	NOMINAL LUMENS PER FOOT	MINIMUM CRI & CCT	U or D
L12	1,200	<b>840</b> = 80 CRI, 4000K	
		<b>850</b> = 80 CRI, 5000K	

**FIXTURE TYPE**  
**See page 4 for actual illuminated length**  
**S**      Stand-alone, 2'-12' nominal  
**F/J**     Row mount for runs greater than 12' nominal

**SHIELDING**  
**A**      Diffuse acrylic

**OPTIONS**  
 For color options, visit the LX4 online at [hew.com](http://hew.com).  
**EM/10W**      10-watt emergency LED battery, 120-277V only, LX4D & LX4U only  
**EM/10W REMOTE**      Remote mount 10-watt emergency LED battery, 120-277V only, LX4UD  
**OCC\_\_**      Factory-installed end-mount occupancy sensor (120V or 277V only) adds 6" to overall nominal length of fixture run: **OCCWS FS-355-L6** See page 3 for details.  
**ASY**      Asymmetric reflector (reduces fixture output by 34%). Field installed. For LX4UD, only available in downlight. See page 3 for details.  
**ACF/48**      48" adjustable aircraft cable  
**ACF/96**      96" adjustable aircraft cable  
**MSF\_\_**      Microstem, 1/4" IPS, specify length in inches (LX4D only)  
**LX4V90R**      90° transition corner. Connects suspended LX4D or U to vertically mounted trimless recessed LX4RTL See page 3 for details.

**DRIVER**  
 Additional dimming drivers available, see [Technical Info](#). Not available with DIMU/DIMD.  
**LX4U OR LX4D**  
**DRV**      Driver prewired for non-dimming applications  
**DIM**      Dimming driver prewired for 0-10V low voltage applications  
**LX4UD**  
**DRV**      Non dimming - entire fixture switches together  
**DIM**      Entire fixture switches and dims together  
**DRVU/DRV**      Non dimming- up and down portions switch separately  
**DRVU/DIMD**      Up and down portions switch separately; 0-10V on down portion only  
**DIMU/DRV**      Up and down portions switch separately; 0-10V on up portion only

**VOLTAGE**  
**120**      120V  
**277**      277V  
**UNV**      120-277V  
**347**      347V (not available with EM drivers)

- ### FEATURES
- ▶ Sleek, linear design incorporates clean lines, slim styling, and a continuous row of light.
  - ▶ Lumen output up to 1200 lumens per foot.
  - ▶ Available in seamless stand-alone units up to 12' in nominal length or row-mount configurations greater than 12' nominal.
  - ▶ Moveable mounting hardware easily slides along the length of the fixture providing variable mounting points.
  - ▶ Linear extrusion contains snap-in light cartridges for ease of installation and maintenance.
  - ▶ LX4 system includes recessed, wall mount surface mount, and corner configurations, see [hew.com](http://hew.com).
  - ▶ Diffuse acrylic lens shields LEDs from view.
  - ▶ Standard 24" aircraft cable mounting hardware provided.
  - ▶ Minimum 80 CRI; 2700K, 3000K, 3500K, 4000K, or 5000K CCT.
  - ▶ This fixture is proudly made in the USA.

**Note:** For corner fixtures, see LX490.



Catalog #: **LX4D-4-L12/830-A-DIM**

### SPECIFICATIONS

**Housing** – Extruded aluminum with die-cast end plates.

**Shielding** – Extruded diffuse acrylic lens.

**Finish** – Textured matte white polyester TGIC powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.

**Electrical** – High quality mid-power LED boards. L70 >60,000 hours per IES TM-21. 25°C maximum ambient operating temperature

**Mounting** – Suspended. 1/16" diameter adjustable steel leveling aircraft cable and mounting hardware necessary for grid ceiling applications provided.

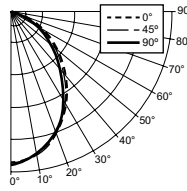
**Labels** – cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.

**Warranty** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

### PHOTOMETRY – DOWN

#### TEST REPORT INFORMATION

- ▶ Test Report #: ATAL010532
- ▶ Date: 08/24/15
- ▶ Lamp Type: LED
- ▶ **Rated Lumens: 4263**
- ▶ **Watts: 47.3**
- ▶ **Lumens Per Watt: 90.1**
- ▶ **CRI: 82.7**
- ▶ **CCT: 3134K**



#### CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1793	1793	1793	
5°	1771	1783	1797	169
15°	1687	1692	1698	476
25°	1521	1514	1505	696
35°	1288	1264	1234	790
45°	1016	980	928	753
55°	738	695	644	620
65°	473	441	402	436
75°	245	231	216	245
85°	70	71	68	77
90°	0	0	0	

#### LUMEN SUMMARY

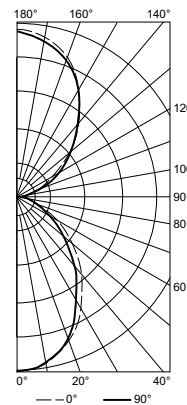
Zone	Lumens	% Fixture
0° - 30°	1342	31.5
0° - 40°	2131	50.0
0° - 60°	3504	82.2
0° - 90°	4263	100.0
<b>Total Luminaire:</b>		
0° - 180°	4263	100.0

### PHOTOMETRY – UP/DOWN

Catalog #: **LX4UD-4-L12/830U/L12/830D-A-DRV-DRVD-UNV**

#### TEST REPORT INFORMATION

- ▶ Test Report #: ATAL010535
- ▶ Date: 09/04/15
- ▶ Lamp Type: LED
- ▶ **Rated Lumens: 8210**
- ▶ **Watts: 87.0**
- ▶ **Lumens Per Watt: 94.4**
- ▶ **CRI: 82.8**
- ▶ **CCT: 3140K**



#### CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1800	1800	1800	
5°	1780	1789	1800	170
15°	1694	1696	1693	477
25°	1525	1499	1477	690
35°	1279	1233	1183	770
45°	995	936	864	721
55°	709	652	584	584
65°	445	411	367	408
75°	230	217	198	230
85°	65	70	66	77
90°	7	16	19	
95°	51	57	58	67
105°	213	218	212	230
115°	427	429	413	422
125°	685	677	655	602
135°	958	946	926	729
145°	1229	1210	1197	758
155°	1459	1442	1431	664
165°	1623	1600	1598	452
175°	1703	1684	1683	160
180°	1702	1702	1702	

#### LUMEN SUMMARY

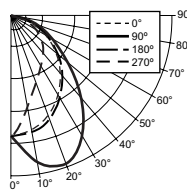
Zone	Lumens	% Fixture
0 - 30	1336	16.3
0 - 40	2106	25.6
0 - 60	3411	41.5
0 - 90	4126	50.3
90 - 120	718	8.8
90 - 130	1321	16.1
90 - 150	2808	34.2
90 - 180	4084	49.7
<b>Total Luminaire:</b>		
0 - 180	8210	100.0

### PHOTOMETRY - ASYMMETRIC REFLECTOR

Catalog #: **LX4D-4-L12/835-A-ASY-DIM**

#### TEST REPORT INFORMATION

- ▶ Test Report #: ATAL010650
- ▶ Date: 09/04/15
- ▶ Lamp Type: LED
- ▶ **Rated Lumens: 2962**
- ▶ **Watts: 47.2**
- ▶ **Lumens Per Watt: 62.8**
- ▶ **CRI: 83.9**
- ▶ **CCT: 3588K**



#### CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	90°	180°	270°	
0°	1111	1111	1111	1111	
5°	1093	1242	1106	998	105
15°	1043	1440	1068	759	304
25°	952	1435	984	612	460
35°	823	1228	854	518	540
45°	667	928	692	437	531
55°	495	627	518	346	449
65°	326	382	340	243	325
75°	171	202	182	138	187
85°	52	67	54	44	61
90°	0	0	0	0	

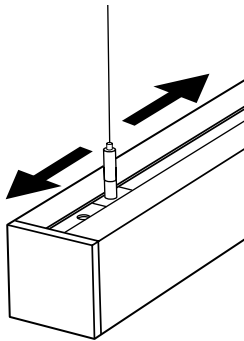
#### LUMEN SUMMARY

Zone	Lumens	% Fixture
0° - 30°	870	29.4
0° - 40°	1410	47.6
0° - 60°	2390	80.7
0° - 90°	2962	100.0
<b>Total Luminaire:</b>		
0° - 180°	2962	100.0

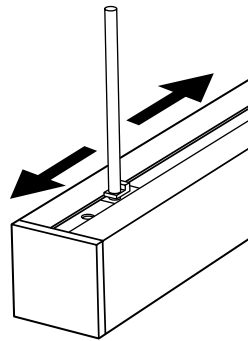
**FIXTURE DETAILS**

**LX4D MOUNTING DETAIL**

**AIRCRAFT CABLE DETAIL**

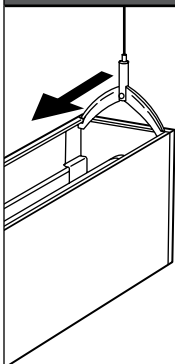


**MICROSTEM DETAIL**

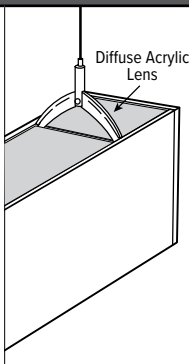


Aircraft cable and microstem mounting accessories can be repositioned along the length of the channel, providing flexible mounting locations to suit any application. Lock into place using a #8 screw (provided).

**LX4U, LX4UD INDIRECT HANGER DETAIL**



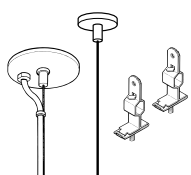
Indirect hanger can be repositioned along the length of the channel providing flexible mounting locations to suit any application.



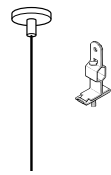
Diffuse acrylic lens is used in conjunction with indirect hanger bracket. Depending on desired location of indirect hanger, the lens may have to be cut to fit around the bracket.

**STANDARD HARDWARE**

**Power End/Stand-Alone**



**Row Mount Support**



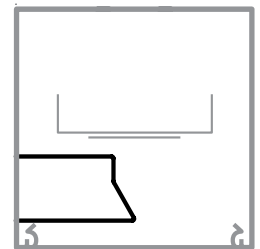
**Notes:**

- ▶ Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- ▶ Electrical supply is brought into the feeder (or stand-alone) fixture, either as part of a row or as an individual mount unit. Power feed locations are 2" (downlight) or 6" (uplight) from the end of fixture, and at end of fixture (up/down).
- ▶ One 5" canopy included for each feeder fixture. One 2" canopy included for each additional fixture required in a row.

**OCCUPANCY SENSOR DETAIL**



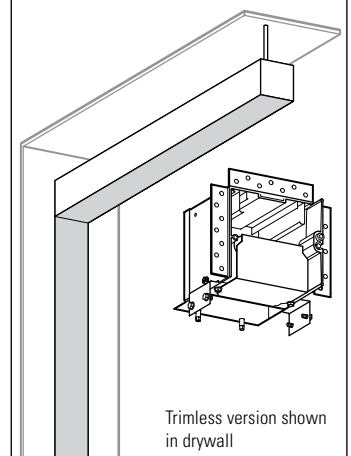
**ASYMMETRIC REFLECTOR DETAIL**



Reflector will shadow 50% of the lens.

**LX4V90R CORNER ACCESSORY**

Includes tamper resistant lens bracket for lower end of vertical fixture.



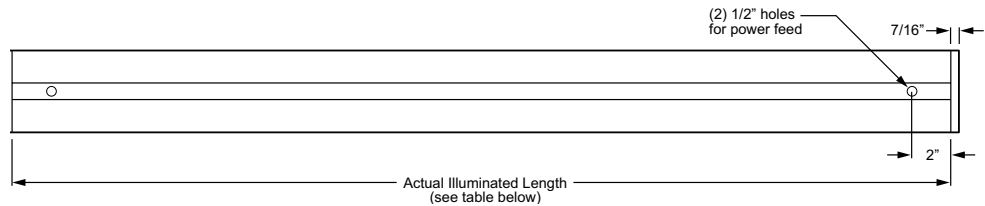
Trimless version shown in drywall



LED

## FIXTURE DETAILS

### LX4D BACK VIEW



## LENGTH CONFIGURATIONS

For UD fixtures, total fixture lumens specified per distribution.

NOMINAL LENGTH	ACTUAL ILLUMINATED LENGTH	TOTAL FIXTURE LUMENS		FIXTURE CONFIGURATIONS							
		LOW LUMENS	HIGH LUMENS								
2*	1', 10-1/8"	1,400	2,200	* Not available in LX4UD.							
4	3', 8-1/4"	2,900	4,400								
6	5', 6-3/8"	4,400	6,600								
8	7', 4-1/2"	5,900	8,800								
10	9', 2-5/8"	7,300	11,000								
12	11', 3/4"	8,800	13,200								
13	12', 10-7/8"	10,300	15,400	6' F	8' J						
15	14', 9"	11,800	17,700	8' F	8' J						
17	16', 7-1/8"	13,200	19,900	6' F	6' J	6' J					
19	18', 5-1/4"	14,700	22,100	8' F	4' J	8' J					
21	20', 3-3/8"	16,200	24,300	8' F	6' J	8' J					
23	22', 1-1/2"	17,700	26,500	8' F	8' J	8' J					
24	23', 11-5/8"	19,100	28,700	4' F	6' J	8' J	8' J	8' J			
26	25', 9-3/4"	20,600	30,900	4' F	8' J	8' J	8' J	8' J			
28	27', 7-7/8"	22,100	33,100	6' F	8' J	8' J	8' J	8' J			
30	29', 6"	23,600	35,400	8' F	8' J	8' J	8' J	8' J			
32	31', 4-1/8"	25,000	37,600	4' F	6' J	8' J	8' J	8' J	8' J		
34	33', 2-1/4"	26,500	39,800	4' F	8' J	8' J	8' J	8' J	8' J		
36	35', 3/8"	28,000	42,000	6' F	8' J	8' J	8' J	8' J	8' J		
37	36', 10-1/2"	29,500	44,200	8' F	8' J	8' J	8' J	8' J	8' J		
39	38', 8-5/8"	30,900	46,400	4' F	6' J	8' J	8' J	8' J	8' J	8' J	
41	40', 6-3/4"	32,400	48,600	4' F	8' J	8' J	8' J	8' J	8' J	8' J	
43	42', 4-7/8"	33,900	50,800	6' F	8' J	8' J	8' J	8' J	8' J	8' J	
45	44', 3"	35,400	53,100	8' F	8' J	8' J	8' J	8' J	8' J	8' J	
47	46', 1-1/8"	36,800	55,300	4' F	6' J	8' J	8' J	8' J	8' J	8' J	8' J
48	47', 11-1/4"	38,300	57,500	4' F	8' J	8' J	8' J	8' J	8' J	8' J	8' J
50	49', 9-3/8"	39,800	59,700	6' F	8' J	8' J	8' J	8' J	8' J	8' J	8' J

TYPE	
S	Stand-Alone
F	Feeder
J	Joiner

## SYSTEM WATTAGE

### LX4D | LX4U

NOMINAL LENGTH	AVERAGE WATTAGE	
	L8	L12
2'	17	28
4'	31	52
6'	50	74
8'	62	104
10'	81	126
12'	93	156

### LX4UD

NOMINAL LENGTH	AVERAGE WATTAGE	
	L8	L12
4'	62	96
6'	95	136
8'	122	186
10'	157	232
12'	184	282

To calculate system wattage for nominal lengths greater than 12', use the table on the right to determine the fixture configuration and add their wattages from the tables above.