

4" CONTINUOUS – SUSPENDED

LX4

tunable **WHITE**



LX4D Shown

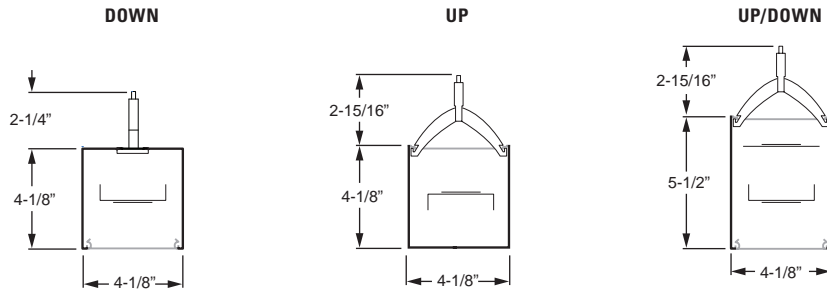
CATALOG #:	TYPE:
PROJECT:	NOTES:

EXAMPLE

LX4 D - 4 - L12/8TW - S - A - OPTIONS - DALI - UNV

SERIES DIST. NOM. LENGTH LUMENS PER FOOT CRI & CCT FIXTURE TYPE SHIELDING OPTIONS CONTROL VOLTAGE

CROSS SECTION



FEATURES

- ▶ Tunable white from 3000K to 5000K CCT, minimum 80 CRI.
- ▶ 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.
- ▶ Diffuse acrylic lens shields LEDs from view.
- ▶ Standard 24" aircraft cable mounting hardware provided.
- ▶ This fixture is proudly made in the USA.

Note: For additional LX4 system configurations, consult factory.

ORDERING INFORMATION

SERIES

LX4 4" Continuous – Suspended – Tunable White

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 2.
 Example: **36** = 35'-3/8".
Contact apps@hew.com for layout assistance.

LED PACKAGE

Nominal lumens based on 4000K, actual lumens may vary.

UPLIGHT OR DOWNLIGHT ONLY

EXAMPLE: L12/8TW	
LUMEN PACKAGE	NOMINAL LUMENS PER FOOT
L8	800
L12	1,200

UP & DOWNLIGHT ONLY

Specify lumen packages: **U** for Uplight and **D** for Downlight.

EXAMPLE: L12/8TWU/L12/8TWD		
LUMEN PACKAGE	NOMINAL LUMENS PER FOOT	
L8	800	U or D
L12	1,200	

COLOR

8TW Tunable white (80 CRI, 3000K–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.
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 4 for details.
ASY Asymmetric reflector (reduces fixture output by 34%). Field installed. For LX4UD, only available in downlight. See page 4 for details.

ACCESSORIES

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 4 for details.

CONTROL

DALI Driver prewired for DALI applications
DIM (1) 0-10V signal to control dimming
 (1) 0-10V signal to control CCT
DMX Driver prewired for DMX applications

VOLTAGE

120 120V
277 277V
UNV 120-277V



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. Tunable White products use LEDs of multiple CCTs and may produce a perceptibly different shade of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.

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.

LENGTH CONFIGURATIONS

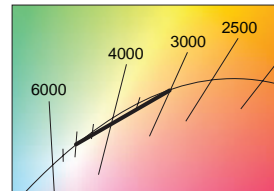
For UD fixtures, total fixture lumens specified per distribution.

NOMINAL LENGTH	ACTUAL ILLUMINATED LENGTH	TOTAL FIXTURE LUMENS		FIXTURE CONFIGURATIONS							
		L8	L12	* Not available in LX4UD.							
2*	1', 10-1/8"	1502	2236	2' S							
4	3', 8-1/4"	3004	4436	4' S							
6	5', 6-3/8"	4458	6708	6' S							
8	7', 4-1/2"	6008	8872	8' S							
10	9', 2-5/8"	7462	11144	10' S							
12	11', 3/4"	9012	13308	12' S							
13	12', 10-7/8"	10466	15580	6' F	8' J						
15	14', 9"	12016	17744	8' F	8' J						
17	16', 7-1/8"	13470	20016	6' F	6' J	6' J					
19	18', 5-1/4"	15020	22180	8' F	4' J	8' J					
21	20', 3-3/8"	16474	24452	8' F	6' J	8' J					
23	22', 1-1/2"	18024	26616	8' F	8' J	8' J					
24	23', 11-5/8"	21028	31052	4' F	6' J	8' J	8' J				
26	25', 9-3/4"	22482	33324	4' F	8' J	8' J	8' J				
28	27', 7-7/8"	24032	35488	6' F	8' J	8' J	8' J				
30	29', 6"	25486	37760	8' F	8' J	8' J	8' J				
32	31', 4-1/8"	27036	39924	4' F	6' J	8' J	8' J	8' J	8' J		
34	33', 2-1/4"	28490	42196	4' F	8' J	8' J	8' J	8' J	8' J		
36	35', 3/8"	30040	44360	6' F	8' J	8' J	8' J	8' J	8' J		
37	36', 10-1/2"	31494	46632	8' F	8' J	8' J	8' J	8' J	8' J		
39	38', 8-5/8"	33044	48796	4' F	6' J	8' J	8' J	8' J	8' J	8' J	
41	40', 6-3/4"	34498	51068	4' F	8' J	8' J	8' J	8' J	8' J	8' J	
43	42', 4-7/8"	36048	53232	6' F	8' J	8' J	8' J	8' J	8' J	8' J	
45	44', 3"	37502	55504	8' F	8' J	8' J	8' J	8' J	8' J	8' J	
47	46', 1-1/8"	40506	59940	4' F	6' J	8' J	8' J	8' J	8' J	8' J	8' J
48	47', 11-1/4"	57668	39052	4' F	8' J	8' J	8' J	8' J	8' J	8' J	8' J
50	49', 9-3/8"	59940	40506	6' F	8' J	8' J	8' J	8' J	8' J	8' J	8' J

TYPE	
S	Stand-Alone
F	Feeder
J	Joiner

MULTIPLIER TABLE

CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04



SYSTEM WATTAGE

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

LX4D | LX4U

NOMINAL LENGTH	AVERAGE WATTAGE	
	L8	L12
2'	14.2	22.2
4'	28.6	44.5
6'	42.2	62.4
8'	57.1	88.9
10'	114.3	106.9
12'	85.7	133.4



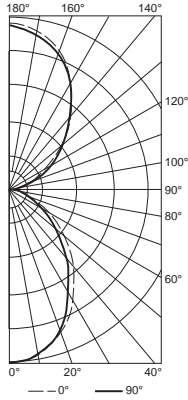
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PHOTOMETRY

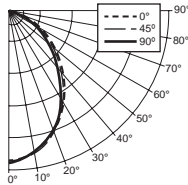
LX4UD-4-L12/8TWU/L12/8TWD-S-A-DALI Total Luminaire Output: 8872 lumens; 89 Watts
 Efficacy: 100 lm/W | 82.7 CRI; 3494K CCT | IES Spacing Crit.: End: 1.1, Across: 1.2, Diag.: 1.2



Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	1945	1945	1945	
5	1924	1933	1945	183
15	1831	1833	1830	515
25	1648	1620	1596	745
35	1382	1332	1278	832
45	1075	1011	934	779
55	766	705	631	631
65	481	444	397	441
75	249	234	214	248
85	70	76	71	83
90	8	17	21	
95	55	62	63	72
105	230	236	229	248
115	461	464	446	456
125	740	732	708	651
135	1035	1022	1001	788
145	1328	1308	1294	819
155	1577	1558	1546	717
165	1754	1729	1727	489
175	1840	1820	1819	173
180	1839	1839	1839	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	1444	16
0 - 40	2276	26	
0 - 60	3686	42	
0 - 90	4459	50	
90 - 120	776	9	
90 - 130	1427	16	
90 - 150	3034	34	
0 - 180	8872	100	

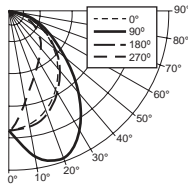
LX4D-4-L12/8TW-S-A-DALI Total Luminaire Output: 4436 lumens; 45 Watts
 Efficacy: 100 lm/W | 84.9 CRI; 3544K CCT | IES Spacing Crit.: End: 1.2, Across: 1.2, Diag.: 1.3



Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	1866	1866	1866	
5	1843	1855	1870	176
15	1755	1761	1767	496
25	1583	1575	1566	724
35	1340	1315	1284	822
45	1057	1020	966	784
55	768	723	670	645
65	492	459	418	454
75	255	240	225	255
85	73	74	71	81
90	0	0	0	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	1396	32
0 - 40	2218	50	
0 - 60	3647	82	
0 - 90	4436	100	

LX4D-4-L12/8TW-S-A-ASY-DALI Total Luminaire Output: 2928 lumens; 45 Watts
 Efficacy: 66 lm/W | 84.9 CRI; 3544K CCT | IES Spacing Crit.: End: 1.2, Across: 1.2, Diag.: 1.3



Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0	1098	1098	1098	
5	1080	1179	1228	104
15	1031	1308	1423	301
25	941	1306	1419	455
35	814	1163	1214	534
45	659	919	917	525
55	489	655	620	444
65	322	410	378	321
75	169	212	200	185
85	51	66	66	60
90	0	0	0	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	860	29
0 - 40	1393	48	
0 - 60	2363	81	
0 - 90	2928	100	

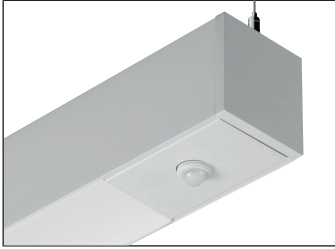


LX4

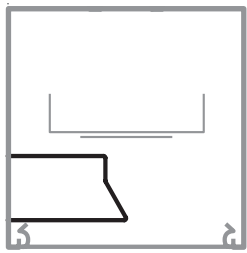
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OCCUPANCY SENSOR DETAIL



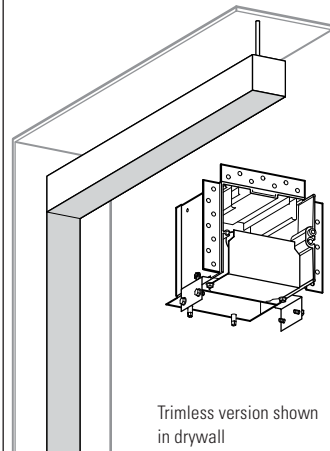
ASYMMETRIC REFLECTOR DETAIL



Reflector will shadow 50% of the lens.

LX4V90R CORNER ACCESSORY

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

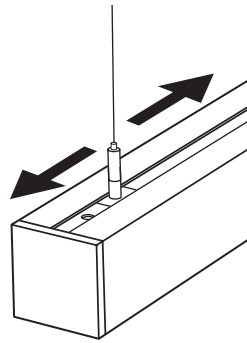


Trimless version shown in drywall

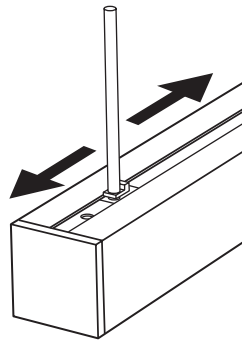
FIXTURE DETAILS

LX4D MOUNTING DETAIL

AIRCRAFT CABLE DETAIL

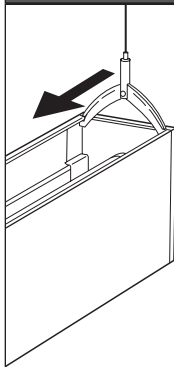


MICROSTEM DETAIL

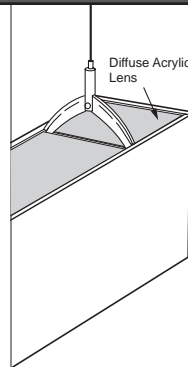


Aircraft cable and microstem mounting accessories can be repositioned along the length of the channel, providing flexible mounting locations to suit any application. Lock into place using a #8 screw (provided).

LX4U, LX4UD INDIRECT HANGER DETAIL



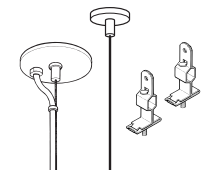
Indirect hanger can be repositioned along the length of the channel providing flexible mounting locations to suit any application.



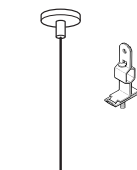
Diffuse acrylic lens is used in conjunction with indirect hanger bracket. Depending on desired location of indirect hanger, the lens may have to be cut to fit around the bracket.

STANDARD HARDWARE

Power End/Stand-Alone



Row Mount Support



Notes:

- Fixtures are provided with adjustable length aircraft cables and choice of T-bar (standard) or optional hard pan ceiling 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.

LX4D BACK VIEW

