

4" CONTINUOUS – SUSPENDED

LX4

tunable **WHITE** | PoE



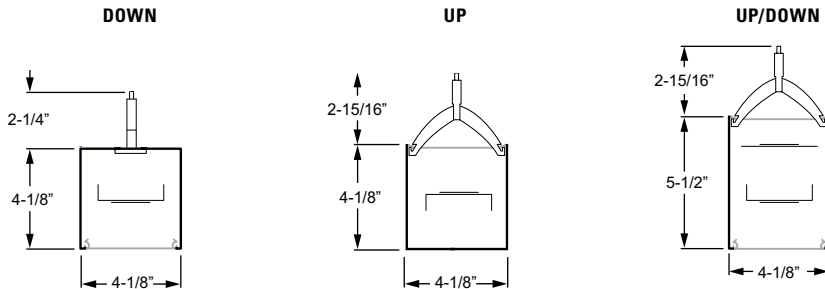
LX4D Shown

CATALOG #:	TYPE:
PROJECT:	NOTES:

EXAMPLE → **LX4 D - 4 - P8/835 - S - A - P24/W - OPTIONS - POE N**

SERIES DIST. NOM. L. LUMEN PACKAGE CRI & CCT FIXTURE TYPE SHIELDING POWER SUPPLY OPTIONS/ACCESSORIES CONTROL

CROSS SECTION



ORDERING INFORMATION

SERIES
LX4 4" Continuous – PoE

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 lumen output based on 3500K for single CCT and 4000K for TW. Actual lumens may vary +/-5%, see fixture performance data. See lengths configuration table for fixture performance data and system wattages.

UPLIGHT OR DOWNLIGHT ONLY

EXAMPLE: P8/835	
LUMEN PACKAGE	NOMINAL LUMENS PER FOOT
P8	800

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

EXAMPLE: P8U/P8D/835		
LUMEN PACKAGE	NOMINAL LUMENS PER FOOT	UP/DOWN
P8	800	U or D

CRI & CCT

830	82 CRI, 3000K
835	82 CRI, 3500K
840	82 CRI, 4000K
8TW	Tunable white (80 CRI, 3000K–5000K)

FIXTURE TYPE
S Stand-alone, 2'-12' nominal
F/J Row mount for runs greater than 12' nominal

SHIELDING
A Diffuse acrylic

POWER SUPPLY
 Aircraft cable mounting hardware included, determined by cord length. Please specify cord type using ordering example below. See page 4 for mounting details.

EXAMPLE: P24/W		
CORD TYPE	LENGTH	COLOR
P = PoE	24 = 24"	/W = White
	48 = 48"	/B = Black
	96 = 96"	

OPTIONS
 For color options, visit the LX4 online at hew.com.
ASY Asymmetric reflector (reduces fixture output by 34%). Field installed. For LX4UD, only available in downlight. See page 4 for details.

ACCESSORIES
 See hew.com/poe for compatible sensors & switches
LX4V90R 90° transition corner. Connects suspended LX4D or U to vertically mounted trimless recessed LX4RTL See page 4 for details.

CONTROL
 For additional PoE info, see hew.com/poe
 LX4UD allows for independent up and down switching.
POE N Power over Ethernet network node
POE D Power over Ethernet device node (not available for fixtures over 40W)

FEATURES

- ▶ Williams turn-key Power over Ethernet (PoE) solution provides plug-and-play networked lighting and control.
- ▶ Tunable white from 3000K to 5000K CCT, minimum 80 CRI.
- ▶ Efficacies up to 112 lm/W
- ▶ Sleek, linear design incorporates clean lines, slim styling, and a continuous row of light.
- ▶ 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.
- ▶ Diffuse acrylic lens shields LEDs from view.
- ▶ Standard 24" aircraft cable mounting hardware provided.
- ▶ This fixture is proudly made in the USA.

SYSTEM REQUIREMENTS

- Lighting system (site software)
- Gateway or alternate server (runs software)
- PoE switches or Ethernet switches and mid-span power injectors
- See hew.com/poe for details

Note: For corner fixtures, see LX490.



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. Low-voltage DC fixture, to be fed by Class 2 power supply. 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 – cCSAus certified as luminaire suitable for dry or damp locations.

Warranty – 5-year limited warranty, see hew.com/warranty.

LENGTH CONFIGURATIONS

For UD fixtures, Total Fixture Lumens and Total Fixture Wattage specified per distribution.

NOMINAL LENGTH	ACTUAL ILLUMINATED LENGTH	LUMENS PER 11"	TOTAL FIXTURE LUMENS (U OR D)	TOTAL FIXTURE WATTAGE (U OR D)	EFFICACY (lm/W)	NODE QUANTITY ¹		FIXTURE CONFIGURATIONS									
						U	D										
2	1', 10-1/8"	751	1382	13	106.3	1	1	2' S									
4	3', 8-1/4"	751	2764	25	110.5	1	1	4' S									
6	5', 6-3/8"	743	4101	36	113.9	1	2	6' S									
8	7', 4-1/2"	751	5527	50	110.5	1	2	8' S									
10	9', 2-5/8"	751	6865	61	112.5	2	4	10' S									
12	11', 3/4"	751	8291	75	110.5	2	4	12' S									
13	12', 10-7/8"	743	9629	86	112.0	2	4	6' F	8' J								
15	14', 9"	751	11055	100	110.5	2	4	8' F	8' J								
17	16', 7-1/8"	751	12392	111	111.6	3	5	6' F	6' J	6' J							
19	18', 5-1/4"	751	13818	125	110.5	3	5	8' F	4' J	8' J							
21	20', 3-3/8"	743	15156	136	111.4	3	6	8' F	6' J	8' J							
23	22', 1-1/2"	751	16582	150	110.5	3	6	8' F	8' J	8' J							
24	23', 11-5/8"	751	17920	161	111.3	4	7	4' F	6' J	8' J	8' J						
26	25', 9-3/4"	751	19346	175	110.5	4	7	4' F	8' J	8' J	8' J						
28	27', 7-7/8"	743	20683	186	111.2	4	8	6' F	8' J	8' J	8' J						
30	29', 6"	751	22109	200	110.5	4	8	8' F	8' J	8' J	8' J						
32	31', 4-1/8"	751	23447	211	111.1	5	9	4' F	8' J	8' J	8' J	8' J					
34	33', 2-1/4"	751	24873	225	110.5	5	9	4' F	8' J	8' J	8' J	8' J	8' J				
36	35', 3/8"	743	26211	236	111.1	5	10	6' F	8' J	8' J	8' J	8' J	8' J				
37	36', 10-1/2"	751	27637	250	110.5	5	10	8' F	8' J	8' J	8' J	8' J	8' J				
39	38', 8-5/8"	751	28974	261	111.0	6	11	4' F	6' J	8' J	8' J	8' J	8' J	8' J			
41	40', 6-3/4"	751	30400	275	110.5	6	11	4' F	8' J	8' J	8' J	8' J	8' J	8' J	8' J		
43	42', 4-7/8"	743	31738	286	111.0	6	12	6' F	8' J	8' J	8' J	8' J	8' J	8' J	8' J		
45	44', 3"	751	33164	300	110.5	6	12	8' F	8' J	8' J	8' J	8' J	8' J	8' J	8' J		
47	46', 1-1/8"	751	34502	311	110.9	7	13	4' F	6' J	8' J	8' J	8' J	8' J	8' J	8' J	8' J	
48	47', 11-1/4"	743	35928	325	110.5	7	13	4' F	8' J	8' J	8' J	8' J	8' J	8' J	8' J	8' J	
50	49', 9-3/8"	751	37266	336	110.9	7	14	6' F	8' J	8' J	8' J	8' J	8' J	8' J	8' J	8' J	8' J

TYPE	
S	Stand-Alone
F	Feeder
J	Joiner

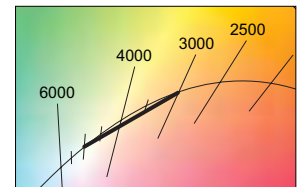
MULTIPLIER TABLES

STANDARD

CCT	CONVERSION FACTOR
3000K	0.97
3500K	1.00
4000K	1.03
5000K	1.07

TUNABLE WHITE

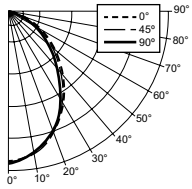
CCT	CONVERSION FACTOR
3000K	0.95
3500K	0.98
4000K	1.00
5000K	0.96



- ¹ One power drop node required.
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
 - Standard results based on 3500K standard, 80 CRI, actual lumens may vary +/-5%
 - Tunable white results based on 4000K standard, 80 CRI, actual lumens may vary +/-5%
 - Use multiplier table to calculate additional options.

PHOTOMETRY

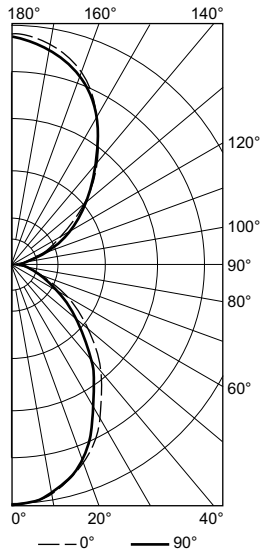
LX4D-4-P8/835-A Total Luminaire Output: 2764 lumens; 25 Watts | Efficacy: 111 lm/W | 82.7 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
0	1163	1163	1163	1163	
5	1148	1156	1165	110	
15	1094	1097	1101	309	
25	986	982	976	451	
35	835	820	800	512	
45	659	635	602	488	
55	478	451	418	402	
65	307	286	261	283	
75	159	150	140	159	
85	45	46	44	50	
90	0	0	0		

LUMEN SUMMARY	Zone	Lumens	% Fixture
0 - 30	870	32	
0 - 40	1382	50	
0 - 60	2272	82	
0 - 90	2764	100	
0 - 180	2764	100	

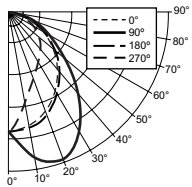
LX4UD-4-P8U/P8D/835-A Total Luminaire Output: 5528 lumens; 50 Watts | Efficacy: 111 lm/W | 82.8 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
0	1212	1212	1212		
5	1199	1205	1212	114	
15	1141	1142	1140	321	
25	1027	1009	995	464	
35	861	830	797	518	
45	670	630	582	486	
55	477	439	393	393	
65	300	277	247	275	
75	155	146	133	155	
85	44	47	44	52	
90	5	11	13		
95	34	38	39	45	
105	143	147	143	155	
115	288	289	278	284	
125	461	456	441	406	
135	645	637	623	491	
145	828	815	806	510	
155	983	971	964	447	
165	1093	1077	1076	305	
175	1147	1134	1133	108	
180	1146	1146	1146		

LUMEN SUMMARY	Zone	Lumens	% Fixture
0 - 30	899	16	
0 - 40	1418	26	
0 - 60	2297	42	
0 - 90	2778	50	
90 - 120	484	9	
90 - 150	1891	34	
90 - 180	2750	50	
0 - 180	5528	100	

LX4D-4-P8/835-A-ASY Total Luminaire Output: 1824 lumens; 25 Watts | Efficacy: 73 lm/W | 83.9 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle				Zonal Lumens
		0°	90°	180°	270°	
0	684	684	684	684		
5	673	765	681	615	65	
15	642	887	658	467	187	
25	586	884	606	377	283	
35	507	756	526	319	333	
45	411	572	426	269	327	
55	305	386	319	213	277	
65	201	235	209	150	200	
75	105	124	112	85	115	
85	32	41	33	27	37	
90	0	0	0	0		

LUMEN SUMMARY	Zone	Lumens	% Fixture
0 - 30	536	29	
0 - 40	868	48	
0 - 60	1472	81	
0 - 90	1824	100	
0 - 180	1824	100	

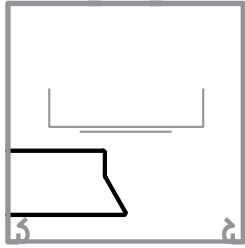


LX4

tunable **WHITE** | PoE

4" CONTINUOUS – SUSPENDED

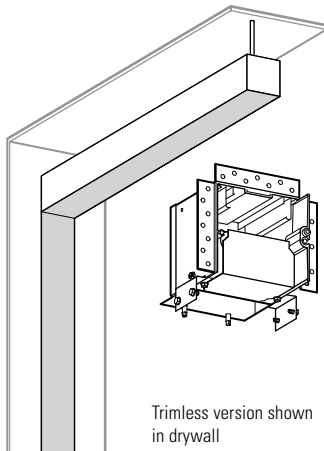
ASYMMETRIC REFLECTOR DETAIL



Reflector will shadow 50% of the lens.

LX4V90R CORNER ACCESSORY

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

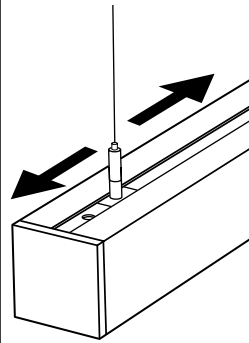


Trimless version shown in drywall

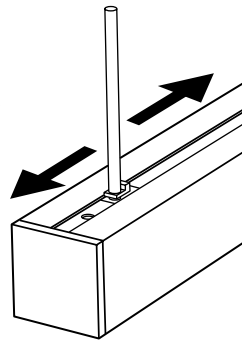
FIXTURE DETAILS

LX4D MOUNTING DETAIL

AIRCRAFT CABLE DETAIL

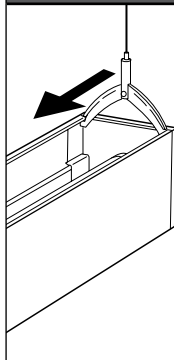


MICROSTEM DETAIL

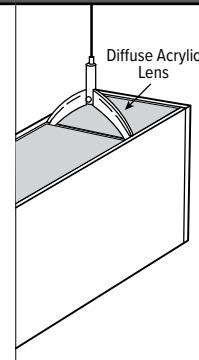


Aircraft cable and microstem mounting accessories can be repositioned along the length of the channel, providing flexible mounting locations to suit any application. Lock into place using a #8 screw (provided).

LX4U, LX4UD INDIRECT HANGER DETAIL

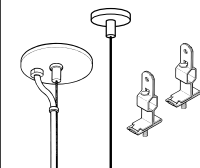


Indirect hanger can be repositioned along the length of the channel providing flexible mounting locations to suit any application.



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



Notes:

- Fixtures are provided with adjustable length aircraft cables and mounting hardware for 1" grid and hardpan, determined by cord length.
- Electrical supply is brought into each fixture, either as part of a row or as a stand-alone unit. One power drop per node required.
- One 5" canopy included for each fixture. One 2" canopy included for opposite end of fixture or at end of row.

LX4D BACK VIEW

