

4" CONTINUOUS – SUSPENDED

LX4

tunable **COLOR**



LX4D Shown

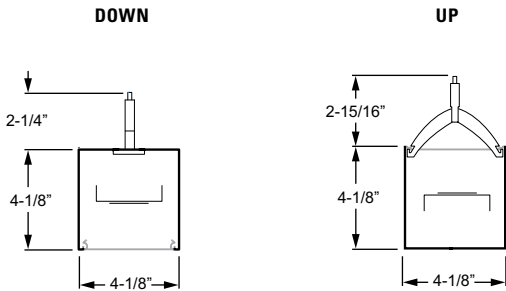
CATALOG #:	TYPE:
PROJECT:	NOTES:

EXAMPLE

LX4 D - 4 - L10/9TC - S - A - OPTIONS - DALI - 120

SERIES DIST. NOM. LENGTH LUMENS PER FOOT COLOR FIXTURE TYPE SHIELDING OPTIONS CONTROL VOLTAGE

CROSS SECTION



FEATURES

- ▶ Tunable color from 1650K to 8000K CCT, minimum 90 CRI.
- ▶ Sleek, linear design incorporates clean lines, slim styling, and a continuous row of light.
- ▶ Lumen output up to 1000 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 Color

DISTRIBUTION

D Down
U Up

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 +/-5%, see fixture performance data.

UPLIGHT OR DOWNLIGHT ONLY

EXAMPLE: L10/9TC

LUMEN PACKAGE	NOMINAL LUMENS PER FOOT
L10	1,000

COLOR

9TC Tunable color (90 CRI, 1650K–8000K and color)

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.

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

See page 3 for details.
BTL Bluetooth LE enabled
DALI DALI Type 8 enabled
DIM (1) 0-10V signal to control dimming
(1) 0-10V signal to control CCT
(will only control white light CCT range, will not have pure color output)
DMX DMX enabled
LUT Lutron Ecosystem enabled
WS Wattstopper DLM enabled

VOLTAGE

120 120V
277 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 – Five color, mid-power LED modules. On board thermal and optical feedback ensure color consistency of <2 step MacAdam ellipse (SDCM) and L70>50,000 hours. In-line spectral capture and storage results in consistent CRI and CCT across all arrays.

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.

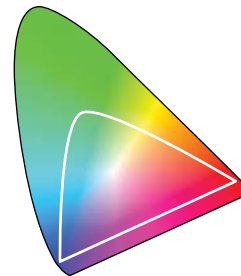
NOMINAL LENGTH	ACTUAL ILLUMINATED LENGTH	TOTAL FIXTURE LUMENS				FIXTURE CONFIGURATIONS							
		4000K	RED	BLUE	GREEN								
2	1', 10-1/8"	1932	296	179	1440	2' S							
4	3', 8-1/4"	3864	592	359	2880	4' S							
6	5', 6-3/8"	5796	888	538	4319	6' S							
8	7', 4-1/2"	7728	1183	717	5759	8' S							
10	9', 2-5/8"	9660	1479	897	7199	10' S							
12	11', 3/4"	11592	1775	1076	8639	12' S							
13	12', 10-7/8"	13524	2071	1255	10078	6' F	8' J						
15	14', 9"	15456	2367	1435	11518	8' F	8' J						
17	16', 7-1/8"	17388	2663	1614	12958	6' F	6' J	6' J					
19	18', 5-1/4"	19319	2959	1793	14398	8' F	4' J	8' J					
21	20', 3-3/8"	21251	3254	1973	15838	8' F	6' J	8' J					
23	22', 1-1/2"	23183	3550	2152	17277	8' F	8' J	8' J					
24	23', 11-5/8"	25115	3846	2331	18717	4' F	6' J	8' J	8' J				
26	25', 9-3/4"	27047	4142	2511	20157	4' F	8' J	8' J	8' J				
28	27', 7-7/8"	28979	4438	2690	21597	6' F	8' J	8' J	8' J				
30	29', 6"	30911	4734	2869	23036	8' F	8' J	8' J	8' J				
32	31', 4-1/8"	32843	5030	3049	24476	4' F	6' J	8' J	8' J	8' J			
34	33', 2-1/4"	34775	5325	3228	25916	4' F	8' J	8' J	8' J	8' J			
36	35', 3/8"	36707	5621	3407	27356	6' F	8' J	8' J	8' J	8' J			
37	36', 10-1/2"	38639	5917	3587	28796	8' F	8' J	8' J	8' J	8' J			
39	38', 8-5/8"	40571	6213	3766	30235	4' F	6' J	8' J	8' J	8' J	8' J		
41	40', 6-3/4"	42503	6509	3945	31675	4' F	8' J	8' J	8' J	8' J	8' J		
43	42', 4-7/8"	44435	6805	4125	33115	6' F	8' J	8' J	8' J	8' J	8' J		
45	44', 3"	46367	7101	4304	34555	8' F	8' J	8' J	8' J	8' J	8' J		
47	46', 1-1/8"	48299	7396	4483	35994	4' F	6' J	8' J	8' J	8' J	8' J	8' J	
48	47', 11-1/4"	50231	7692	4663	37434	4' F	8' J	8' J	8' J	8' J	8' J	8' J	
50	49', 9-3/8"	52163	7988	4842	38874	6' F	8' J	8' J	8' J	8' J	8' J	8' J	

TYPE	
S	Stand-Alone
F	Feeder
J	Joiner

MULTIPLIER TABLE

Use multiplier table to calculate additional options, based on 4000K CCT.

CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
2000K	0.58	0.58
2700K	0.85	0.83
3000K	0.96	0.94
3500K	0.98	0.97
4000K	1.00	1.00
5000K	0.99	0.99
6000K	0.99	0.99
8000K	0.99	0.99
Red	–	0.27
Blue	–	0.44
Green	–	0.54



SYSTEM WATTAGE

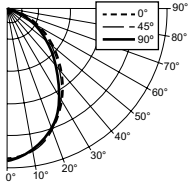
To calculate system wattage for nominal lengths greater than 12', use the table above to determine the fixture configuration and add their wattages from the table below.

LX4D | LX4U

NOMINAL LENGTH	AVERAGE WATTAGE
	L10
2'	28
4'	56
6'	84
8'	112
10'	140
12'	168

PHOTOMETRY

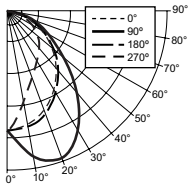
LX4D-4-L10/9TC-S-A-DALI Total Luminaire Output: 3864 lumens; 56 Watts
 Efficacy: 69 lm/W | 84.9 CRI; 3544K CCT | IES Spacing Crit.: End: 1.2, Across: 1.2, Diag.: 1.3



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
	0	1625	1625	1625	
	5	1605	1616	1629	153
	15	1529	1534	1539	432
	25	1379	1372	1364	631
	35	1167	1146	1119	716
	45	921	888	841	683
	55	669	630	584	562
	65	429	400	364	395
	75	222	209	196	222
	85	63	64	62	70
	90	0	0	0	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30	1216	32
	0 - 40	1932	50
	0 - 60	3176	82
	0 - 90	3864	100

LX4U-4-L10/9TC-S-A-DALI Total Luminaire Output: 3864 lumens; 56 Watts
 Efficacy: 69 lm/W | 84.9 CRI; 3544K CCT | IES Spacing Crit.: End: 1.2, Across: 1.2, Diag.: 1.3



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
	90	0	0	0	
	95	63	64	62	70
	105	222	209	196	222
	115	429	400	364	395
	125	669	630	584	562
	135	921	888	841	683
	145	1167	1146	1119	716
	155	1379	1372	1364	631
	165	1529	1534	1539	432
	175	1605	1616	1629	153
	180	1625	1625	1625	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	90 - 120	688	18
	90 - 130	1250	32
	90 - 150	2648	69
	90 - 180	3864	100

CONTROL DETAILS

DIM



DALI



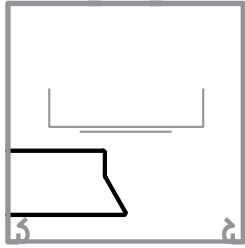
Lutron Ecosystem



Wattstopper DLM



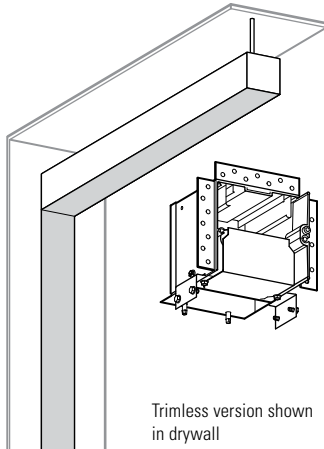
ASYMMETRIC REFLECTOR DETAIL



Reflector will shadow 50% of the lens.

LX4V90R CORNER ACCESSORY

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

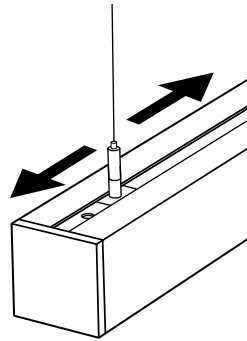


Trimless version shown in drywall

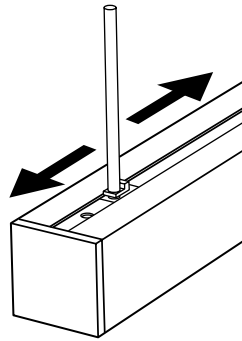
FIXTURE DETAILS

LX4D MOUNTING DETAIL

AIRCRAFT CABLE DETAIL

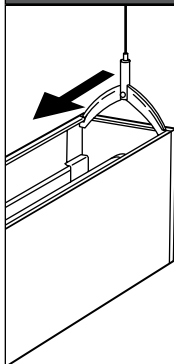


MICROSTEM DETAIL

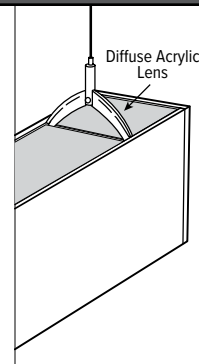


Aircraft cable and microstem mounting accessories can be repositioned along the length of the channel, providing flexible mounting locations to suit any application. Lock into place using a #8 screw (provided).

LX4U, LX4UD INDIRECT HANGER DETAIL



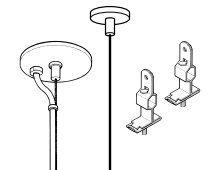
Indirect hanger can be repositioned along the length of the channel providing flexible mounting locations to suit any application.



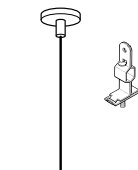
Diffuse acrylic lens is used in conjunction with indirect hanger bracket. Depending on desired location of indirect hanger, the lens may have to be cut to fit around the bracket.

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

