4" CONTINUOUS – WALL MOUNT

LX4W

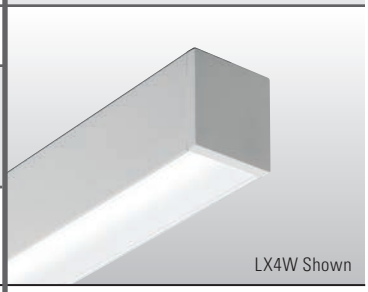
PoE

CATALOG #: | TYPE:

PROJECT: | NOTES:

EXAMPLE **LX4W- 4 - P8/835 - S - A - OPTIONS - POE N**

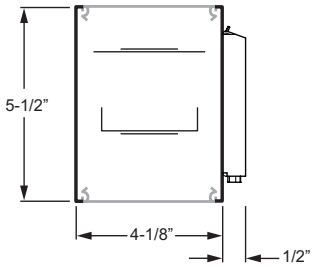
SERIES	NOM. LENGTH	LUMENS PER FOOT	CRI & CCT	FIXTURE TYPE	SHIELDING	OPTIONS/ ACCESSORIES	CONTROL



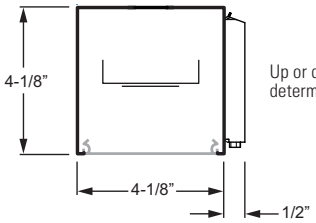
LX4W Shown

CROSS SECTION

LX4WUD



LX4W



Up or down orientation is determined during installation.

ORDERING INFORMATION

SERIES

LX4W	4" Continuous – Wall Mount Up or Down – PoE
LX4WUD	4" Continuous – Wall Mount Up Down – PoE (not available with 2' fixtures)

NOMINAL LENGTH

See page 3 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 unassembled. Specify lengths per chart on page 3.
Example: **36** = 35'-3/8".

Contact apps@hew.com for layout assistance.

LED PACKAGE

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

LX4W

EXAMPLE: P8/835		
LUMEN PACKAGE	**NOMINAL LUMENS PER FOOT**	**MINIMUM CRI & CCT**
P8	800	**827** = 80 CRI, 2700K **830** = 80 CRI, 3000K **835** = 80 CRI, 3500K **840** = 80 CRI, 4000K

LX4WUD

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

EXAMPLE: P8U/P8D/835			
P8	800	**827** = 80 CRI, 2700K **830** = 80 CRI, 3000K **835** = 80 CRI, 3500K **840** = 80 CRI, 4000K	**U or D**

FIXTURE TYPE

S	Stand-alone, 2'-12' nominal
F/JA/JB	Row mount for runs greater than 12' nominal

SHIELDING

A	Diffuse acrylic

OPTIONS

For color options, visit the LX4W online at hew.com.

ASY	Asymmetric reflector (reduces fixture output by 34%). Field installed. For LX4WUD, only available in downlight. See page 2 for details.

ACCESSORIES

See hew.com/poe for compatible sensors & switches

CONTROL

For additional PoE info, see hew.com/poe

LX4WUD 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.
- 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.
- Fixture attaches to wall bracket for simple installation.
- Linear extrusion contains snap-in light cartridges for ease of installation and maintenance.
- LX4 system includes suspended, recessed, surface mount, and corner configurations, see hew.com.
- Diffuse acrylic lens shields LEDs from view.
- This fixture is proudly made in the USA.

SYSTEM REQUIREMENTS

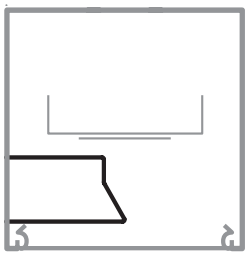
- Lighting system (site software)
- Gateway or alternate server (runs software)
- PoE switches or Ethernet switches and mid-span power injectors
- See hew.com/poe for details

PoE

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.
Mounting – Wall mount. Powder coated, die-formed C.R.S. receiving bracket mounted to fixture which attaches to galvanized, wall mounted bracket.
Labels – cCSAus certified as luminaire suitable for dry or damp locations.
Warranty – 5-year limited warranty, see hew.com/warranty.

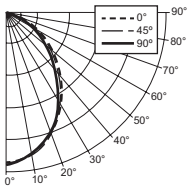
ASYMMETRIC REFLECTOR DETAIL



Reflector will shadow 50% of the lens.

PHOTOMETRY

LX4W-4-P8/835-A Total Luminaire Output: 2764 lumens; 25 Watts | Efficacy: 111 lm/W | 82.7 CRI; 3500K CCT



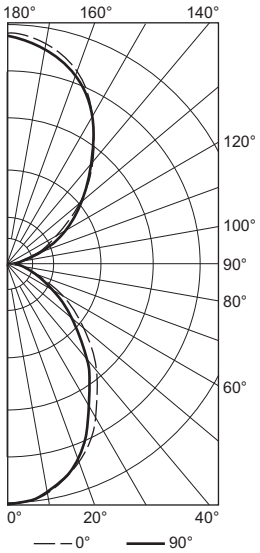
CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle 0°	45°	90°	Zonal Lumens
0	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

LX4WUD-4-P8U/P8D/835-A Total Luminaire Output: 5528 lumens; 50 Watts | Efficacy: 111 lm/W | 82.8 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION

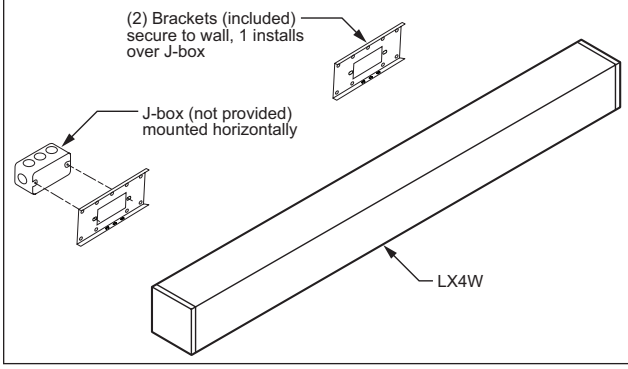
Vertical Angle	Horizontal Angle 0°	45°	90°	Zonal Lumens
0	1212	1212	1212	
5	1199	1205	1212	114
15	1141	1142	1140	321
25	1027	1009	995	464
35	861	830	797	518
45	670	630	582	486
55	477	439	393	393
65	300	277	247	275
75	155	146	133	155
85	44	47	44	52
90	5	11	13	
95	34	38	39	45
105	143	147	143	155
115	288	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

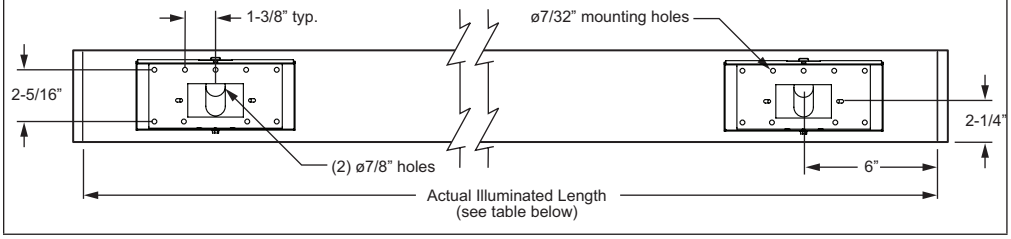
FIXTURE DETAILS

MOUNTING DETAILS



FIXTURE DETAILS

BACK VIEW



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 SYSTEM WATTAGE (U OR D)	EFFICACY (lm/W)	NODE QUANTITY [1]		FIXTURE CONFIGURATIONS						
						U OR D	UD							
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' **JA**					
15	**14', 9"**	751	11055	100	110.5	2	4	8' **F**	8' **JA**					
17	**16', 7-1/8"**	751	12392	111	111.6	3	5	6' **F**	6' **JA**	6' **JB**				
19	**18', 5-1/4"**	751	13818	125	110.5	3	5	8' **F**	4' **JA**	8' **JB**				
21	**20', 3-3/8"**	743	15156	136	111.4	3	6	8' **F**	6' **JA**	8' **JB**				
23	**22', 1-1/2"**	751	16582	150	110.5	3	6	8' **F**	8' **JA**	8' **JB**				
24	**23', 11-5/8"**	751	17920	161	111.3	4	7	4' **F**	6' **JA**	8' **JB**	8' **JA**			
26	**25', 9-3/4"**	751	19346	175	110.5	4	7	4' **F**	8' **JA**	8' **JB**	8' **JA**			
28	**27', 7-7/8"**	743	20683	186	111.2	4	8	6' **F**	8' **JA**	8' **JB**	8' **JA**			
30	**29', 6"**	751	22109	200	110.5	4	8	8' **F**	8' **JA**	8' **JB**	8' **JA**			
32	**31', 4-1/8"**	751	23447	211	111.1	5	9	4' **F**	6' **JA**	8' **JB**	8' **JA**	8' **JB**		
34	**33', 2-1/4"**	751	24873	225	110.5	5	9	4' **F**	8' **JA**	8' **JB**	8' **JA**	8' **JB**		
36	**35', 3/8"**	743	26211	236	111.1	5	10	6' **F**	8' **JA**	8' **JB**	8' **JA**	8' **JB**		
37	**36', 10-1/2"**	751	27637	250	110.5	5	10	8' **F**	8' **JA**	8' **JB**	8' **JA**	8' **JB**		
39	**38', 8-5/8"**	751	28974	261	111.0	6	11	4' **F**	6' **JA**	8' **JB**	8' **JA**	8' **JB**	8' **JA**	
41	**40', 6-3/4"**	751	30400	275	110.5	6	11	4' **F**	8' **JA**	8' **JB**	8' **JA**	8' **JB**	8' **JA**	
43	**42', 4-7/8"**	743	31738	286	111.0	6	12	6' **F**	8' **JA**	8' **JB**	8' **JA**	8' **JB**	8' **JA**	
45	**44', 3"**	751	33164	300	110.5	6	12	8' **F**	8' **JA**	8' **JB**	8' **JA**	8' **JB**	8' **JA**	
47	**46', 1-1/8"**	751	34502	311	110.9	7	13	4' **F**	6' **JA**	8' **JB**	8' **JA**	8' **JB**	8' **JA**	8' **JB**
48	**47', 11-1/4"**	743	35928	325	110.5	7	13	4' **F**	8' **JA**	8' **JB**	8' **JA**	8' **JB**	8' **JA**	8' **JB**
50	**49', 9-3/8"**	751	37266	336	110.9	7	14	6' **F**	8' **JA**	8' **JB**	8' **JA**	8' **JB**	8' **JA**	8' **JB**

TYPE	
S	Stand-Alone
F	Feeder
JA	Joiner-A
JB	Joiner-B

[1] One power drop per node required.

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Results scaled based on relative CCT output.
- Use multiplier table to calculate additional options.

MULTIPLIER TABLES

COLOR TEMPERATURE	
CCT/CRI	**CONVERSION FACTOR**
3000K/80CRI	0.97
3500K/80CRI	1.00
4000K/80CRI	1.03