

PHILIPS
Day-Brite
CFI

Linear

FluxStream EZ

4', 3800 lumens



Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

The Philips Day-Brite / Philips CFI FluxStream EZ LED strip provides the best value proposition of performance and economy, making it ideal for a variety of residential and commercial applications.

Ordering guide

Example: LF4EZ3840ULAG

Family	Length	Series	Lumen Package	Color Temp.	Voltage	Options
<input type="text" value="LF"/>	<input type="text" value="4"/>	<input type="text" value="EZ"/>	<input type="text" value="38"/>	<input type="text"/>	<input type="text" value="U"/>	<input type="text" value="LAG"/>
LF FluxStream	4 4'	EZ	38 3800 lumens	40 4000K 30 3000K	U Universal voltage, 120-277V	LAG LED Driver (non-dim)

Accessories (order separately)

- **FH360-UNV** 120-277V motion sensor, field installed via 7/8" KO on end cap



LF4EZ FluxStream EZ LED strip

4', 3800 lumens

Features

- Sleek and compact design ideal for installation in tight spaces.
- Rugged 100% frost acrylic lens shields LEDs from direct view.
- Capable of providing 3800 lm per 4' (nominal) length.
- Long life LEDs provide 50,000 hours (L70) LED lumen maintenance free system life at 25°C ambient.
- Supplied with mounting hanger brackets (2) and v-hooks (2) (chain supplied by others) for ease of installation.
- Shift and lock optical tray for secure and easy access to the electrical compartment.
- Wall mountable – ADA compliant.
- Slide on LED pan and single grounding screw for easy installation.
- Ideal for installation in refrigerated areas (down to 0°C).
- Enclosed lens prevents penetration of dust, insects and other debris into the lamp compartment.
- Fully enclosed wiring and fully enclosed wiring and diodes.
- 80+ CRI and excellent color consistency.
- 1" spacing between luminaires is required for access to the electrical compartment.

Finish

- Baked white acrylic matte high reflectance paint finish.

Shielding

- Contoured frosted acrylic lens.

Electrical

- LED boards and drivers are RoHS (Restriction of Hazardous Substances) compliant. Total system life rated at 50,000 hours. Maximum ambient temperature of 25°C. Suitable for cold locations - minimum ambient temperature of 0°C. Predicted L70 lifetime based on LED manufacturer's supplied LM-80 data and in-situ laboratory testing.

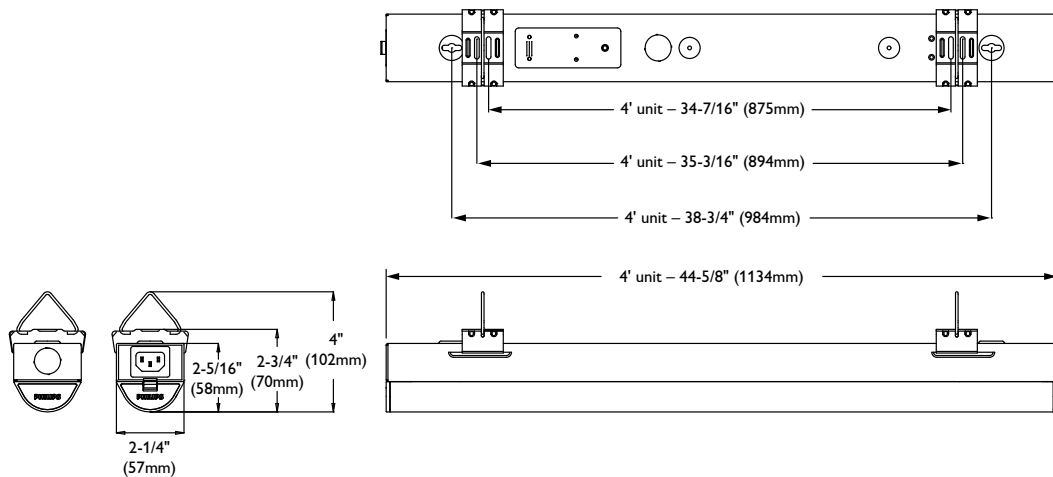
Materials

- Heavy gauge cold rolled steel housing and LED panel post-painted white.

Labels

- cULus listed. Suitable for damp locations.
- 5 year warranty based on 25°C ambient

Dimensions



LF4EZ FluxStream EZ LED strip

4', 3800 lumens

Photometry

Fluxstream EZ, 4000K, 4042 delivered lumens

Catalog No.	LF4EZ3840ULAG	Candlepower					Light Distribution			Average Luminance			
		Angle	End	45	Cross	Back-45	Degrees	Lumens	% Fixture	Angle	End	45'	Cross
Test No.	32331	0	1145	1145	1145	1145	0-30	895	22.1	45	15159	13148	12983
S/MH	1.3	5	1136	1139	1146	1139	0-40	1472	36.4	55	14119	11963	12011
Lamp Type	29WLED	15	1091	1104	1115	1104	0-60	2654	65.6	65	12527	10764	10978
Lumens/Lamp	4042	25	1002	1030	1053	1030	0-90	3725	92.1	75	9892	9725	10073
Input Watts	42	35	873	925	964	925	0-180	4046	100.0	85	4657	9091	9552
		45	715	797	852	797							
		55	545	648	721	648							
		65	362	497	577	497							
		75	181	356	438	356							
		85	33	237	316	237							
		95	1	153	227	153							
		105	1	91	155	91							
		115	1	50	99	50							
		125	1	21	57	21							
		135	1	6	26	6							
		145	1	1	7	1							
		155	1	1	1	1							
		165	1	1	1	1							
		175	1	1	1	1							

EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
pcc	80			70			50		
	70	50	30	70	50	30	50	30	
RCR									
0	116	116	116	113	113	113	107	107	
1	105	98	93	101	95	92	90	86	
2	94	85	78	91	82	76	78	71	
3	85	75	66	82	71	64	68	60	
4	78	66	56	75	64	55	59	53	
5	71	58	48	68	56	47	54	46	
6	66	53	42	64	51	41	48	40	
7	60	47	39	58	46	38	44	36	
8	56	42	34	55	41	34	40	33	
9	53	40	30	52	39	30	36	29	
10	50	36	28	47	35	28	34	27	

Comparative yearly lighting energy cost per 1000 lumens – **\$2.50** based on 3000 hrs. and \$.08 pwr KWH.

The photometric results were obtained in the Philips Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.

Photometric values based on test performed in compliance with LM-79.

Fluxstream EZ, 3000K, 3937 delivered lumens

Catalog No.	LF4EZ3830ULAG	Candlepower					Light Distribution			Average Luminance			
		Angle	End	45	Cross	Back-45	Degrees	Lumens	% Fixture	Angle	End	45'	Cross
Test No.	32333	0	1115	1115	1115	1115	0-30	872	22.1	45	14744	12830	12619
S/MH	1.3	5	1106	1110	1117	1110	0-40	1434	36.4	55	13768	11682	11658
Lamp Type	29WLED	15	1063	1076	1087	1076	0-60	2585	65.6	65	12261	10492	10644
Lumens/Lamp	3937	25	979	1004	1025	1004	0-90	3628	92.1	75	9712	9481	9749
Input Watts	43	35	852	901	939	901	0-180	3941	100.0	85	4682	8869	9227
		45	696	778	828	778							
		55	532	633	699	633							
		65	354	484	559	484							
		75	177	347	424	347							
		85	33	231	305	231							
		95	2	150	219	150							
		105	1	89	151	89							
		115	1	48	97	48							
		125	1	21	56	21							
		135	1	6	25	6							
		145	1	1	6	1							
		155	1	1	1	1							
		165	1	1	1	1							
		175	1	1	1	1							

EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
pcc	80			70			50		
	70	50	30	70	50	30	50	30	
RCR									
0	116	116	116	113	113	113	107	107	
1	105	98	93	101	95	92	90	86	
2	94	85	78	91	82	76	78	71	
3	85	75	66	82	71	64	68	60	
4	78	66	56	75	64	55	59	53	
5	71	58	48	68	56	47	54	46	
6	66	53	42	64	51	41	48	40	
7	60	47	39	58	46	38	44	36	
8	56	42	34	55	41	34	40	33	
9	53	40	30	52	39	30	36	29	
10	50	36	28	47	35	28	34	27	

Comparative yearly lighting energy cost per 1000 lumens – **\$2.58** based on 3000 hrs. and \$.08 pwr KWH.

The photometric results were obtained in the Philips Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.

Photometric values based on test performed in compliance with LM-79.



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

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