PHILIPS

Day-Brite
CFI

Linear

FluxStream EZ LED wraparound

4', 4000 lumens

Project:

Location:

Cat.No:

Type:

Lumens: _____ Qty: _____

Notes:

Philips Day-Brite / CFI FluxStream EZ LED wraparound is a high performing luminaire delivering smooth diffused light ideal for light industrial, commercial and residential applications with the unparalleled energy efficiency of Philips LED lighting.

Ordering guide

Example: FSWEZ440L840-UNV

Series	Length (nominal)	Lumens[1] (nominal)	Color temp. (K)	Voltage	Options
FSWEZ	4	40L	⬜ –	UNV –	⬜
FSWEZ FluxStream wraparound EZ	**4** 4' length	**40L** 4000 lumens	**830** 80 CRI, 3000K **835** 80 CRI, 3500K **840** 80 CRI, 4000K	**UNV** Universal voltage 120-277	**EMLED** Factory wired Philips Bodine BSL310LP integral emergency pack. Nominal 1100 lm **LSXR10** 120-347V motion sensor, factory installed on end cap **LSXR10ADC** 120-347V motion sensor with photocell and hi/lo trim dimming, factory installed on end cap

1. Nominal delivered lumens at 25°C ambient.

Accessories (order separately)

- **FSWD4L** – FluxStream Wraparound 4' diffuse replacement lens
- **LSXR10** – Low bay PIR motion sensor, 120-277V
- **FSTH** – Sliding hanger bracket (set of 2)
- **FSWJ** – Continuous row joiner (one per joint required)
- (See last page for details and more options)

General notes

Many luminaire components, such as reflectors, refractors, lenses, sockets, lampholders, and LEDs are made from various types of plastics which can be adversely affected by airborne contaminants. If sulfur based chemicals, petroleum based products, cleaning solutions, or other contaminants are expected in the intended area of use, consult factory for compatibility.

ETL
LISTED
c US

FSWEZ   FluxStream EZ LED wraparound

4', 4000 lumens

Features

· Compact design for installation in tight spaces

· Frosted acrylic diffuser provides wide light distribution and superior glare control

· Injection molded lens retainer provides positive diffuser retention and easy tool–free access to LED boards and driver

· Convenient nominal 4' length accommodates many field applications

· Up to 50,000 hour predicted L70 LED lumen maintenance provides long service life to reduce maintenance costs

· Can be surface mounted on ceilings or walls, or suspended via chain, pendants or cables

· Wall mountable – ADA compliant

· Ideal for cold applications (–20°C to 25°C)

· FSWJ accessory required for continuous row mounting, one FSWJ at each joint

· 7/8" knock out provided at each end and on base of luminaire. Note: Center knockout is covered and not useable in 4' version with EMLED option.

· Enclosed lens minimizes penetration of dust, insects, and other debris into the lamp compartment

· 5 year manufacturer's limited warranty. Visit www.philips.com/warranties for complete warranty information

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. Predicted L70 lifetime based on LED manufacturer's supplied LM–80 data and in–situ laboratory testing. (http://www.designlights.org/QPL)
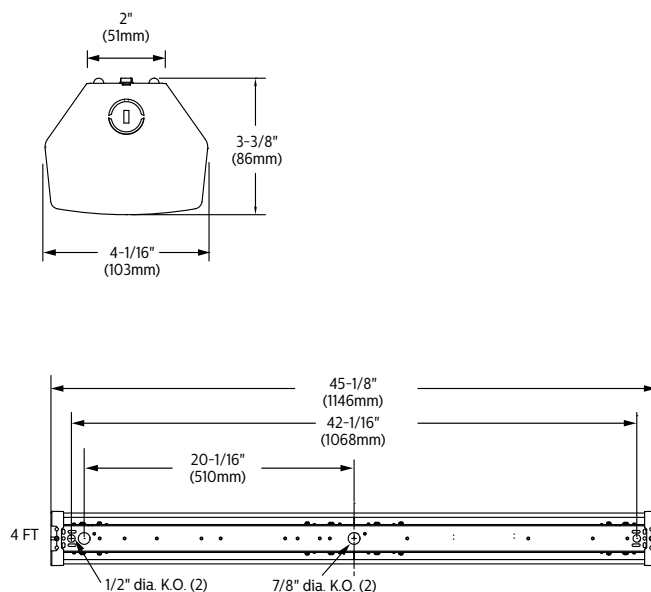
Materials

· Heavy gauge cold rolled steel housing and LED pan. Polycarbonate injection molded end caps

Labels

· cETLus listed

· Suitable for damp locations

Dimensions

2"
(51mm)

3-3/8"
(86mm)

4-1/16"
(103mm)

45-1/8"
(1146mm)

42-1/16"
(1068mm)

20-1/16"
(510mm)

4 FT

1/2" dia. K.O. (2)   7/8" dia. K.O. (2)

FSWEZ   FluxStream EZ LED wraparound

4', 4000 lumens

Photometry

4' FluxStream EZ wraparound LED, 4000 nominal delivered lumens   LER - 104

Catalog No.	FSWEZ440L840-UNV
Test No.	37443
S/MH	1.3
Lamp Type	LED
Lumens	3325
Input Watts	32

Comparative yearly lighting energy cost per 1000 lumens − **$2.31** 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.

Candlepower

Angle	End	45	Cross	Back-45
0	906	906	906	906
5	892	903	909	903
15	862	883	895	883
25	799	833	852	833
35	707	756	780	756
45	593	661	689	661
55	429	543	577	543
65	291	386	439	386
75	153	261	303	261
85	36	147	198	147

Light Distribution

Degrees	Lumens	% Luminaire
0-30	718	21.5
0-40	1189	35.7
0-60	2165	64.9
0-90	2956	88.7
0-180	3333	100

Average Luminance

Zone	End	45°	Cross
45	16190	7464	6347
55	13966	5970	5063
65	12209	4261	3785
75	9391	2989	2649
85	4390	1800	1808

Coefficients of Utilization

EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)

pfc =	20							
Ceil		80			70		50	
Wall	70	50	30	70	50	30	50	30
RCR								
0	115	115	115	112	112	112	105	105
1	105	98	94	101	95	92	90	85
2	94	85	79	91	82	76	78	71
3	85	75	66	81	71	65	68	60
4	78	66	56	75	64	56	59	53
5	71	58	50	68	56	47	54	46
6	66	53	44	64	51	42	47	40
7	60	47	39	58	46	38	44	35
8	56	42	34	55	41	34	40	33
9	53	40	30	51	39	30	36	29
10	50	36	28	47	35	28	34	27

Accessories

Bracket   Stem   Chain   Pull chain   Cable   Row mount   LSXR

Accessory Catalog Code	Description	
FSTH	Sliding hanger bracket (pair)	
SV5F12	12" Stem and canopy kit	White stem and canopy kit, 1/4" trade size (1/2" O.D.) locknuts included. Works with 9/16" k.O. on base of housing.
SV5F18	18" Stem and canopy kit	
SV5F24	24" Stem and canopy kit	
SV5F36	36" Stem and canopy kit	
SV5F48	48" Stem and canopy kit	
FKR-126	Chain hanger set (pair)	Includes two 5' heavy duty link chains with "V" hooks. Attaches to base of housing.
DACHxx	Adjustable cable hanger kit (single)	Works with 1/4" hole on base of housing or FSTH hanger bracket. **xx**=cable length in inches, enter 48" to 180" lengths in 12" increments
DACHxx-1-SC	Adjustable cable hanger kit with white straight 18/3 cord (single)	
DACHxx-1-CC	Adjustable cable hanger kit with white coiled 18/3 cord (single)	
DACHxx-2-SC	Adjustable cable hanger kit with white straight 18/4 cord (single)	
DACHxx-2-CC	Adjustable cable hanger kit with white coiled 18/4 cord (single)	
DACHxx-1D-SC	Adjustable cable hanger kit with white straight 18/5 cord with dimming leads (single)	
FSWJ	External continuous row joiner (one per joint).	FSJW accessory required for continuous row mounting
LSXR10	Low bay pir motion sensor (120-277v)	
LSXR10ADC	Low bay pir motion sensor with photocell and hi/lo trim dimming (120-277v)	
FSWD4L	4' Diffuse replacement lens	