



FluxStream EZ LED wrapround

4', 4000 lumens



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

Project:	
Location:	
Cat.No:	
Туре:	
Lumens:	Qty:
Notes:	

#### Ordering guide

Series	Length	Lumens <sup>1</sup>	Color temp.	Voltage	Options	
	(nominal)	(nominal)	(K)			
FSWEZ	4	40L	-	UNV -		
FSWEZ FluxStream wraparound EZ	4 4' length	<b>40L</b> 4000 lumens	830 80 CRI, 3000K 835 80 CRI, 3500K 840 80 CRI, 4000K	UNV Universal voltage 120- 277	Factory wired Bodine BSL310LF emergency pack. Nominal 1100 LSXR10 120-347V motion sensor, factor cap	lm

<sup>1.</sup> 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.

Light to go
Compatible configurations

FSWEZ440L830-UNV FSWEZ440L835-UNV FSWEZ440L840-UNV FSTH FSWJ DACH48 FKR-126 DACH48-1-SC Example: FSWEZ440L840-UNV

every job **matters** 

Luminaire

## 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**

 $\cdot \ \mathsf{Contoured} \ \mathsf{frosted} \ \mathsf{acrylic} \ \mathsf{lens}$ 

#### **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)

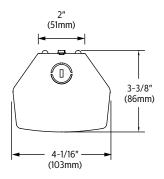
#### **Materials**

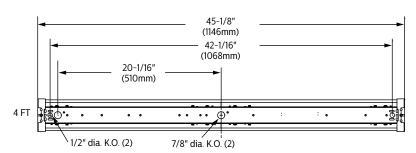
 Heavy gauge cold rolled steel housing and LED pan. Polycarbonate injection molded end caps

#### Labels

- · cETLus listed
- · Suitable for damp locations

#### **Dimensions**





# 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 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 0-40 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**















Accessory Cat- alog Code	Description						
FSTH	Sliding hanger bracket (pair)						
SV5F12	12" Stem and canopy kit						
SV5F18	18" Stem and canopy kit						
SV5F24	24" Stem and canopy kit White stem and canopy kit, 1/4" trade size (1/2" O.D.) locknuts included. \						
SV5F36	36" Stem and canopy kit with 9/16" k.O. on base of housing.						
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)						
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)  Adjustable cable hanger kit with white straight 18/4 cord (single)						
DACHxx-2-SC							
DACHxx-2-CC	xx=cable length in inches, enter 48" to 180" lengths in 12" increments  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 (1	20-277v)					
FSWD4L	4' Diffuse replacement lens						

