

PHILIPS
Day-Brite
CFI

Linear

FluxStream strip

2', 3', 4' and 8'



Project: _____
Location: _____
Cat.No: _____
Type: _____
Lumens: _____ Qty: _____
Notes: _____

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

Ordering guide

Example: FSS440L840-UNV-DIM

Series	Length (nominal)	Lumens ² (nominal)	Color temp. (K)	Voltage	Driver	Options
<input type="text" value="FSS"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> –	<input type="text"/> –	<input type="text"/> –	<input type="text"/>
FSS FluxStream strip	2' 2' length	20L 2000 lumens 30L 3000 lumens	830 80 CRI, 3000K 835 80 CRI, 3500K 840 80 CRI, 4000K 850³ 80 CRI, 5000K	UNV Universal voltage 120-277V 120⁴ 120V 277⁴ 277V 347⁵ 347V	DIM^{12,13} Dimming SDIM^{6,7} Step dimming to 40% input power XDIM^{4,6,7} MarkX phase dimming DALI⁸ DALI	EMLED^{5,6,9} Factory wired Philips Bodine BSL310LP integral emergency pack. Nominal 1100lm LSXR10 120-347V motion sensor, factory installed on end cap LSXR10ADC¹⁰ 120-347V motion sensor with photocell and hi/lo trim dimming, factory installed on end cap SWZDT¹⁰ Integral sensor, daylighting and occupancy, advanced grouping, with dwell time DAYOCC¹⁰ Integral sensor, daylighting and occupancy, Philips EasySense SNS102 PAF Paint after fabrication for extra corrosion resistance (white) BK Matte black paint color ST Satin aluminum paint color
	3' 3' length	30L 3000 lumens				
	4' 4' length	30L 3000 lumens 40L 4000 lumens 55L 5500 lumens 70L 7000 lumens				
	8' 8' length	60L 6000 lumens 80L 8000 lumens 110L 11000 lumens 140L 14000 lumens				

1. 8' is tandem (2) 4' lenses with single piece 8' body.
2. Nominal delivered lumens at 25° C ambient.
3. Not available in 3' model.
4. XDIM option must be specified with 120V or 277V option only.
5. 347V with EMLED only available in 8' models.
6. Not available in 2' or 3' model.
7. Not available in 4' 70L model or 8' 140L model.
8. DALI available up to 80L models only, consult factory for other options.
9. EMLED on 8' models illuminates 4' section in emergency mode.
10. Available with DIM driver option only.
11. Not available in 8' 110L or 140L models.
12. Integral SWZDT and DAYOCC options dimmable to 5% via wireless wall switch. See p.2.
13. Non-integral controls configurations are 0-10V dimmable to 1%.

Accessories (order separately)

- **FSSD2L** - 2' Diffuse replacement lens
- **FSSD3L** - 3' Diffuse replacement lens
- **FSSD4L** - 4' Diffuse replacement lens (order two for 8' models)
- **FSSWG4** - 4' wire guard (order two for 8' models)
- **FSTH** - Sliding hanger bracket (set of two)
- **LSXR10** - Low bay PIR motion sensor, 120-277V
- **LSXR10ADC** - Low bay PIR motion sensor with photocell and hi/lo trim dimming, 120-277V
- **FSSDEK** - Decorative plastic end cap (set of two)
- (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.



FSS FluxStream LED strip

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Features

- Compact design for installation in tight spaces
- Frosted acrylic diffuser provides wide light distribution and superior glare control
- Diffuser and LED plate snap into place allowing tool-free access to LED boards and driver
- 2', 3', 4' and 8' tandem lengths available to accommodate many field applications
- Up to 100,000 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)
- Continuous row mounting using standard end caps. No extra parts needed
- 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.
- Multiple driver options available with 0-10v as standard
- Enclosed lens minimizes penetration of dust, insects, and other debris into the LED compartment.
- 8' tandem unit is two 4' optical assemblies with a center mullion on a single full length chassis.
- Integral controls options include sensor mounted in control module extension mounted on fixture end (see dimension drawing). Controls are commissioned via intuitive Philips app on a Droid smartphone either through NFC or an IR blaster.
- Fluxstream luminaires are Designlights Consortium® qualified. Please see the DLC QPL list for exact catalog numbers (<http://www.designlights.org/QPL>).
- 5 year manufacturer's limited warranty Visit www.philips.com/warranties for complete warranty information.

Finish

- Baked white acrylic matte high reflectance paint finish
- PAF option gives extra corrosion resistance for canopy or humid applications.

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.
- Integral emergency driver with EMLED option. To estimate lumen output in emergency mode, multiply emergency pack wattage by efficacy, then by 1.10.

Materials

- Heavy gauge cold rolled steel housing, LED plate, and end caps

DAYOCC & SpaceWise DT (SWZDT)

- Commissioning via compatible Android phone and Philips Field App
- Dimming via compatible wireless wall switch only (see below)
- Register for the commissioning app at <http://registration.componentcloud.philips.com/appregistration/>
- Integral sensing options (DAYOCC, SWZDT) may not be combined
- For more information including recommended switches, refer to the following –

DAYOCC – www.lightingproducts.philips.com/documents/webdb2/DayBrite/pdf/DAYOCC_sensor.pdf

SWZDT – www.lightingproducts.philips.com/documents/webdb2/DayBrite/pdf/SWZDT_sensor.pdf between luminaires, and closest luminaire to wall switch

Labels

- cETLus listed
- Suitable for damp locations

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Performance data

Fixture	Lumens	Wattage	Efficacy
FSS220L	2000lm	17W	123lm/w
FSS330L	3000lm	26W	119lm/w
FSS440L	4000lm	31W	133lm/w
FSS455L	5500lm	45W	129lm/w
FSS470L	7000lm	58W	126lm/w

Ambient temperature data

Configuration	Ambient
FSS470L	-20°C to 30°C
FSS8110L	-20°C to 35°C
FSS8140L	-20°C to 25°C
EMLED option	Minimum 0°C
All others	-20°C to 40°C

Dimensions

