



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

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Cat.No: \_\_\_\_\_

Type: \_\_\_\_\_

Lumens: \_\_\_\_\_ Qty: \_\_\_\_\_

Notes: \_\_\_\_\_

#### Ordering guide

Example: FSSEZ440L840-UNV-DIM

| Series                    | Length<br>(nominal) | Lumens <sup>1</sup><br>(nominal) | Color temp.<br>(K)                                                               | Voltage                             | Driver               | Options                                                                                                                                                                                                                     |
|---------------------------|---------------------|----------------------------------|----------------------------------------------------------------------------------|-------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FSSEZ                     |                     |                                  | —                                                                                | UNV —                               | DIM                  |                                                                                                                                                                                                                             |
| FSSEZ FluxStream strip EZ | 4' 4' length        | 40L 4000 lumens                  | 830 80 CRI, 3000K<br>835 80 CRI, 3500K<br>840 80 CRI, 4000K<br>850 80 CRI, 5000K | UNV Universal<br>voltage<br>120-277 | DIM 0-10V<br>Dimming | EMLED <sup>3</sup> Factory wired Bodine BSL310LP integral<br>emergency pack. Nominal 1100 lm                                                                                                                                |
|                           | 8' 8' length        | 80L 8000 lumens                  |                                                                                  |                                     |                      | LSXR10 120-347V motion sensor, factory installed<br>on end cap<br>PAF Paint after fabrication for extra corrosion<br>resistance (white)<br>BAC <sup>4</sup> Meets the requirements of the<br>Buy American Act of 1933 (BAA) |

#### Footnotes

- 1 Nominal delivered lumens at 25°C ambient.
- 2 8' is tandem (2) 4' lenses with single piece 8' body.
- 3 EMLED on 8' model illuminates 4' section in emergency mode.
- 4 Failure to properly select the "BAC" suffix could result in you receiving product that is not BAA compliant product with no recourse for an RMA or refund. This BAC designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies.
- 5 Consult Signify to confirm whether specific accessories are BAA-compliant.

#### Accessories<sup>5</sup> (order separately)

- FSSD4L - 4' Diffuse replacement lens
  - LSXR10 - Low bay PIR motion sensor, 120-277V
  - FSSWG4 - 4' Wire guard (order two for 8' model)
  - FSTH - Sliding hanger bracket (set of 2)
- (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.

PAF (Paint after fabrication) option is required for all products that will be used in a damp or humid location, such as under a canopy or covered parking area.

# FSSEZ FluxStream strip EZ LED

4' and 8'

## 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
- 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)
- 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 EMLD option.

- 8' tandem unit is two 4' optical assemblies with a center mullion on a single full length chassis.
- Enclosed lens minimizes penetration of dust, insects, and other debris into the LED compartment.
- 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](http://www.philips.com/warranties) for complete warranty information.

## Finish

- Baked white acrylic matte high reflectance paint finish
- PAF (Paint after fabrication) option, which is required for all products that will be used in damp or humid locations, such as a canopy or covered parking area, provides extra corrosion resistance.

## 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.

## Materials

- Heavy gauge cold rolled steel housing and end caps

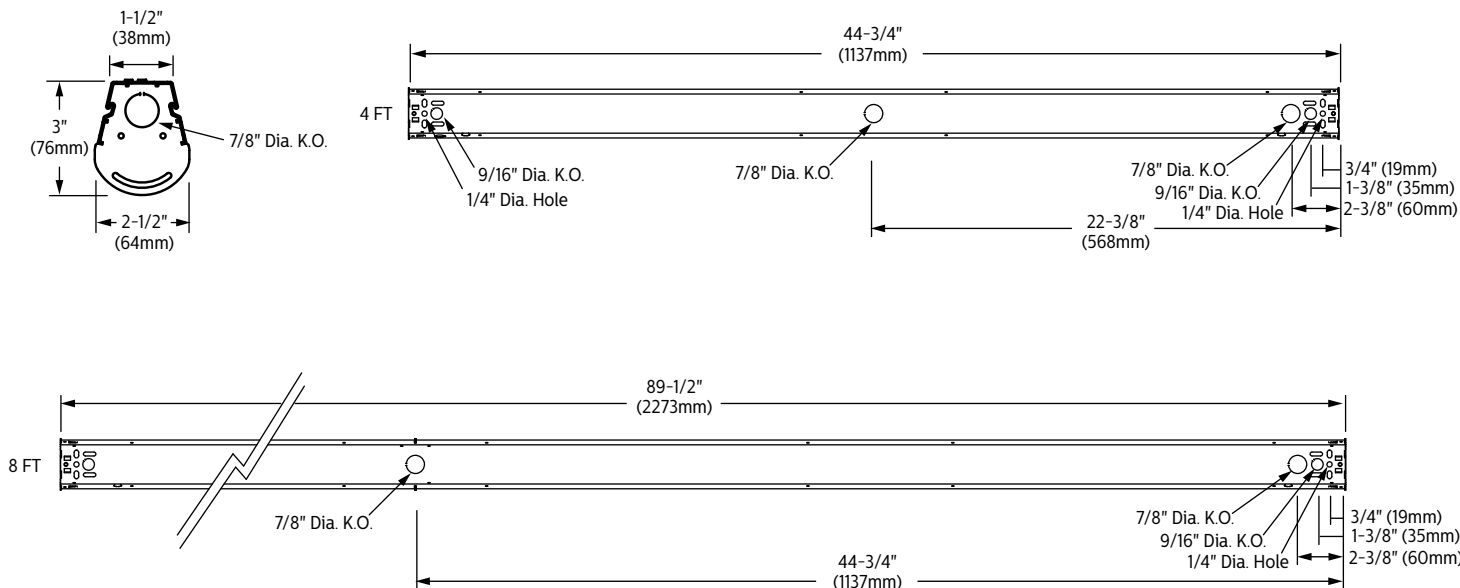
## Labels

- cETLus listed (-20°C to 25°C)
- Suitable for damp locations

## Performance data

| Fixture      | Lumens | Wattage | Efficacy |
|--------------|--------|---------|----------|
| FSSEZ440L840 | 4130lm | 31W     | 133lm/w  |
| FSSEZ880L840 | 8260lm | 62W     | 133lm/w  |

## Dimensions



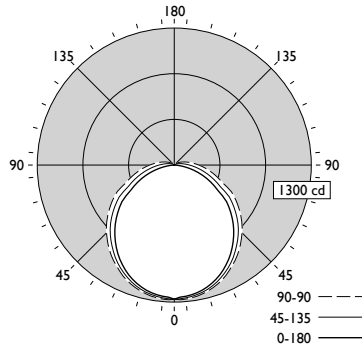
# FSSEZ FluxStream strip EZ LED

4' and 8'

## Photometry

### FSSEZ440L840-UNV

|                                 |      |
|---------------------------------|------|
| Luminaire Lumens                | 4130 |
| Luminaire Efficacy Rating (LER) | 133  |
| Total Luminaire Watts           | 31   |
| Spacing Criterion (0-180)       | 1.3  |



| Candela Distribution |      |      |       |      |  |
|----------------------|------|------|-------|------|--|
|                      | End  | 45   | Cross | 90   |  |
| 0                    | 1050 | 1050 | 1050  | 1050 |  |
| 5                    | 1031 | 1045 | 1053  | 1045 |  |
| 15                   | 989  | 1010 | 1025  | 1010 |  |
| 25                   | 904  | 938  | 967   | 938  |  |
| 35                   | 786  | 837  | 881   | 837  |  |
| 45                   | 647  | 726  | 782   | 726  |  |
| 55                   | 493  | 587  | 667   | 587  |  |
| 65                   | 309  | 421  | 545   | 421  |  |
| 75                   | 155  | 303  | 398   | 303  |  |
| 85                   | 29   | 204  | 298   | 204  |  |

| Zonal Lumen Summary |        |            |
|---------------------|--------|------------|
| Zone                | Lumens | %Luminaire |
| 0-30                | 817    | 22.4       |
| 0-40                | 1341   | 36.7       |
| 0-60                | 2416   | 66.1       |
| 0-90                | 3357   | 91.9       |
| 90-180              | 296    | 8.1        |
| 0-180               | 3653   | 100        |

| Avg. Luminance (cd/m²) |       |       |       |
|------------------------|-------|-------|-------|
|                        | 0     | 45    | Cross |
| 45                     | 13707 | 11958 | 11915 |
| 55                     | 12754 | 10817 | 11115 |
| 65                     | 10675 | 9122  | 10361 |
| 75                     | 8488  | 8267  | 9143  |
| 85                     | 4081  | 7810  | 8995  |

| Coefficients of Utilization % |     |     |     |     |     |     |     |     |
|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Pc---                         | 80  |     |     | 70  |     |     | 50  |     |
| Pw---                         | 70  | 50  | 30  | 70  | 50  | 30  | 50  | 30  |
| RCR                           |     |     |     |     |     |     |     |     |
| 0                             | 117 | 117 | 117 | 113 | 113 | 113 | 107 | 107 |
| 1                             | 105 | 98  | 93  | 101 | 95  | 92  | 91  | 86  |
| 2                             | 94  | 85  | 78  | 91  | 82  | 76  | 78  | 72  |
| 3                             | 85  | 75  | 66  | 82  | 72  | 65  | 68  | 61  |
| 4                             | 79  | 66  | 56  | 76  | 64  | 56  | 60  | 53  |
| 5                             | 71  | 58  | 48  | 68  | 56  | 47  | 54  | 46  |
| 6                             | 67  | 53  | 44  | 64  | 51  | 42  | 48  | 40  |
| 7                             | 61  | 47  | 39  | 58  | 46  | 38  | 44  | 36  |
| 8                             | 56  | 44  | 34  | 55  | 41  | 34  | 40  | 33  |
| 9                             | 54  | 40  | 32  | 52  | 39  | 30  | 36  | 29  |
| 10                            | 50  | 37  | 29  | 48  | 36  | 28  | 34  | 27  |

## Accessories<sup>5</sup>



| 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.<br><br>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) |                                                                                                                                               |
| LSXR10                 | Low bay pir motion sensor (120-277v)                                                  |                                                                                                                                               |
| FSSWG4                 | 4' Wire guard (order two for 8' models)                                               |                                                                                                                                               |
| FSSD4L                 | 4' Diffuse replacement lens                                                           |                                                                                                                                               |

<sup>5</sup> Consult Signify to confirm whether specific accessories are BAA-compliant.



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