

FIXTURE TYPE \_\_\_\_\_

PROJECT NAME \_\_\_\_\_

LOCATION \_\_\_\_\_



# FlexFit™ Static White (Indoor)

SINGLE COLOR FLEXIBLE LED SHEET



## I Description

FlexFit is an incredibly versatile back-lighting system that's perfect for signs, light boxes, or any translucent surface. Create nearly limitless shapes! FlexFit is cuttable at every single diode, allowing the installer to easily maneuver around obstructions or other imperfections within the mounting surface on-site. The product can be secured with screws or adhered using the integral 3M® VHB backing.

## I Features

- Cuttable Around Every Diode to Create Unique Shape
- Screw Mount or 3M™ Adhesive Options For Easy Installation
- 5-Year Warranty
- 50,000 Hour Life
- UL-Listed

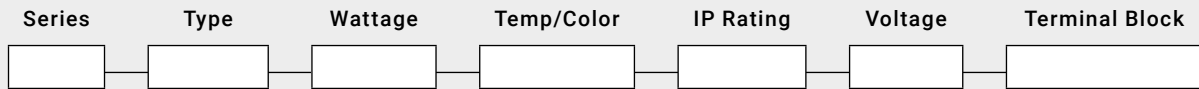
## I Series Spec

|                 |                                      |
|-----------------|--------------------------------------|
| Series          | FF2-SW                               |
| Temp/Color      | 2400K–5000K                          |
| Input Voltage   | 24V DC/Constant Voltage              |
| Beam Spread     | 120°                                 |
| Max Connection  | 96W per Power Feed                   |
| CRI             | 96+                                  |
| LED Count       | 144 per Square Foot                  |
| Cut Intervals   | Vertically & Horizontally Every 1.0" |
| Dimming Options | PWM, Triac, 0–10V, DMX, DALI         |
| FF2 Dimensions  | 12" × 24" × 0.06"                    |
| Operating Temp. | -4°F (-20°C) to 113°F (45°C)         |
| Storage Temp.   | -4°F (-20°C) to 140°F (60°C)         |

Conforms to ANSI/UL Standard 2108  
Certified to CAN/CSA Standard C22.2 NO. 250.0



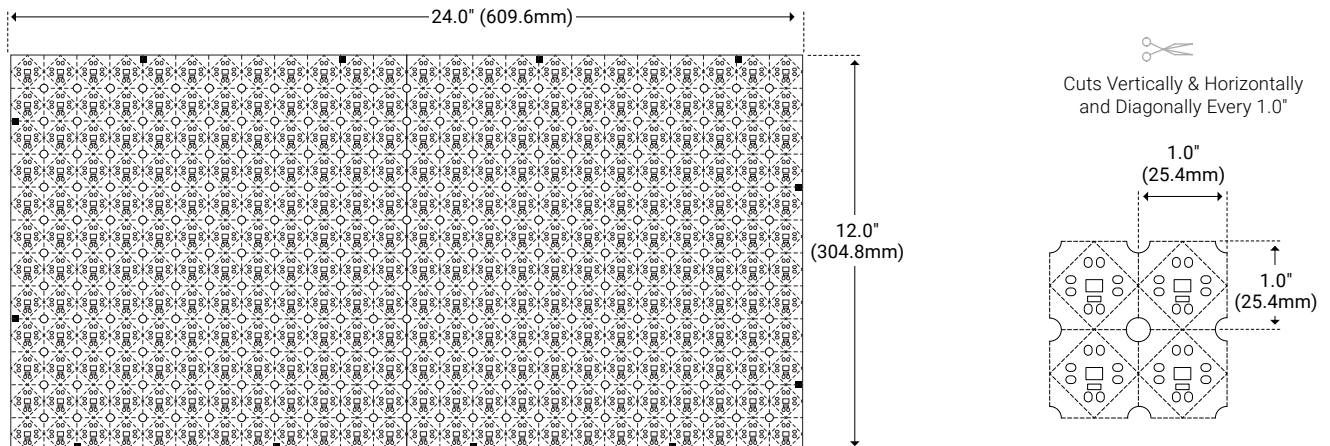
## I Product Code Builder



| Series                                                                                 | Type                    | Wattage                                                                                                                                            |
|----------------------------------------------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| FF2 — FlexFit™ 1x2                                                                     | SW — Static White       | 5W — 5 Watts per ft <sup>2</sup><br>10W — 10 Watts per ft <sup>2</sup><br>15W — 15 Watts per ft <sup>2</sup><br>20W — 20 Watts per ft <sup>2</sup> |
| Temp/Color                                                                             | IP Rating               | Voltage                                                                                                                                            |
| 24K — 2400K<br>27K — 2700K<br>30K — 3000K<br>35K — 3500K<br>40K — 4000K<br>50K — 5000K | IP20 — IP20 (Dry Rated) | 24V — 24V DC                                                                                                                                       |
| Terminal Block                                                                         |                         |                                                                                                                                                    |
| TB — Terminal Block                                                                    |                         |                                                                                                                                                    |

Example: FF2-SW-20W-24K-IP20-24V-TB

## I Dimensions





## I Series Data

|               |                   | 24K  | 27K  | 30K  | 35K  | 40K  | 50K  | Wattage <sup>†</sup> | Efficiency <sup>†</sup><br>(lm/W) | Total # of<br>2x1 Panels <sup>†</sup> |
|---------------|-------------------|------|------|------|------|------|------|----------------------|-----------------------------------|---------------------------------------|
| 5W<br>Lumens  | 1 ft <sup>2</sup> | 441  | 476  | 494  | 480  | 512  | 526  | 5                    | 97                                | 9.6                                   |
|               | 2 ft <sup>2</sup> | 882  | 952  | 988  | 961  | 1024 | 1053 | 10                   |                                   |                                       |
| 10W<br>Lumens | 1 ft <sup>2</sup> | 853  | 921  | 956  | 973  | 991  | 1019 | 10                   | 99                                | 5                                     |
|               | 2 ft <sup>2</sup> | 1706 | 1842 | 1912 | 1946 | 1981 | 2037 | 19                   |                                   |                                       |
| 15W<br>Lumens | 1 ft <sup>2</sup> | 1212 | 1309 | 1359 | 1383 | 1408 | 1447 | 14                   | 98                                | 3.4                                   |
|               | 2 ft <sup>2</sup> | 2424 | 2618 | 2717 | 2765 | 2815 | 2895 | 28                   |                                   |                                       |
| 20W<br>Lumens | 1 ft <sup>2</sup> | 1584 | 1710 | 1776 | 1807 | 1840 | 1892 | 18                   | 96                                | 2.6                                   |
|               | 2 ft <sup>2</sup> | 3168 | 3421 | 3551 | 3614 | 3679 | 3783 | 37                   |                                   |                                       |

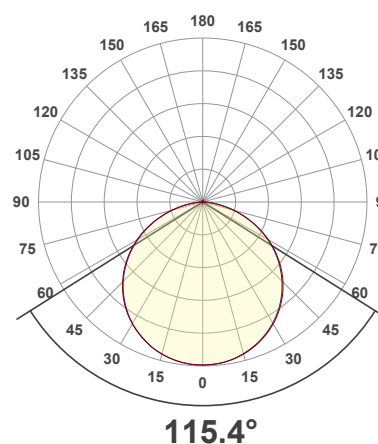
<sup>†</sup> Data is extracted from 3000K panel.

## I TM30 Data

|     |       | CRI  | Rf   | Rg   | R9 |
|-----|-------|------|------|------|----|
| 10W | 2400K | 92.3 | 91   | 98   | 56 |
|     | 2700K | 94.3 | 91.9 | 99.5 | 68 |
|     | 3000K | 92.7 | 90.7 | 98.2 | 60 |
|     | 3500K | 93.1 | 90.6 | 98.5 | 67 |
|     | 4000K | 93.2 | 89.4 | 97.3 | 68 |
|     | 5000K | 94   | 90   | 98   | 77 |

## I Polar Plot

FF2-SW-10W-30K-IP20-24V-TB

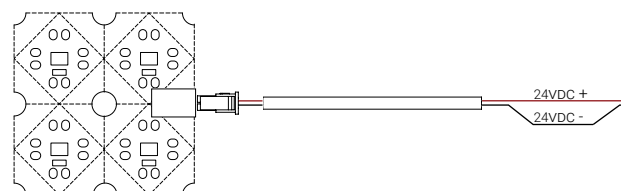


## I Power Feed Accessories

### Lead



| Unit Number | Length |
|-------------|--------|
| FML-FF-2C-6 | 6 ft   |



### Jumper Cables



| Unit Number  | Length |
|--------------|--------|
| FMC-FF-2C-3I | 3 in   |

Two jumpers included per panel.

