

## SoftForm Series - Rectangular

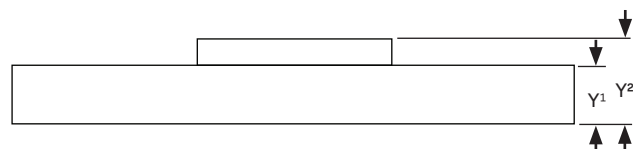
### Description

SoftForm Lighting features our unique sound attenuating fabric shielding media that provides a soft, visually comfortable, uniformly luminous appearance to the viewer, creating a sophisticated contemporary style along with volumetric (Lambertian) light distribution. **Biophilic designs** can be printed on the diffuser fabric enabling the designer to introduce design and/or biophilic elements into a space. Powered by a high efficacy LED light engine, SoftForm Lighting is the perfect choice of **biophilic lighting design** for many applications including schools, offices, commercial spaces, retail and healthcare facilities.

|                     |                                                                                                                                                                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Construction        | Extruded aluminum frame and back panel, steel driver box and attachment hardware.                                                                                                                                                                                           |
| MRI-Safe            | MRI Rated Safe Option; Non-ferrous metals                                                                                                                                                                                                                                   |
| Optics              | Fabric diffusion coupled with Lambertian distribution creates an optimal mix of illumination for both vertical and horizontal surfaces                                                                                                                                      |
| CCT                 | Static White: 2700K, 3000K, 3500K, 4000K, 4500K, 5000K<br>Color Tuning: 2700-5000K<br>RGBW: RGB with 2700K, 3000K, 3500K, 4000K, 4500K, 5000K                                                                                                                               |
| Voltage             | 120 or 277 volt. LM-80 L70 (70%) at 50,000 hours                                                                                                                                                                                                                            |
| Control Integration | 0-10V Low Voltage (internal / remote), 0.1% dimming standard                                                                                                                                                                                                                |
| Mounting            | Available with four (4) mounting options: <ul style="list-style-type: none"> <li>• Recessed Grid Ceiling (9/16" or 15/16")</li> <li>• Recessed Ceiling / Wall Drywall (Trim / Trimless)</li> <li>• Surface Ceiling / Wall Mount</li> <li>• Suspended Cloud Mount</li> </ul> |
| Finish              | White powder coat is standard for recessed applications. Surface and suspended frames available in Black, Silver, White and Custom finishes.                                                                                                                                |
| Listing             | UL Listed to meet U.S. and Canadian standards. Suitable for damp location application. Noise Reduction Coefficient (NRC) 0.25. Fabric - ASTM E84                                                                                                                            |
| Fire Rating         | ASTM - E84 - Class 1/Class A                                                                                                                                                                                                                                                |
| Sound Absorption    | NRC (Noise Reduction Coefficient) of 0.25                                                                                                                                                                                                                                   |

### Wattages

| Size              | STANDARD (SO) | LOW (LO) |
|-------------------|---------------|----------|
| 1' x 4' Rectangle | 38.4W         | 24.0W    |
| 1' x 8' Rectangle | 76.8W         | 48.0W    |
| 2' x 4' Rectangle | 76.8W         | 48.0W    |
| 3' x 8' Rectangle | 230.4W        | 144.0W   |
| 4' x 6' Rectangle | 230.4W        | 144.0W   |
| 4' x 8' Rectangle | 307.2W        | 192.0W   |



Recessed Mount shown with available biophilic graphic diffuser.



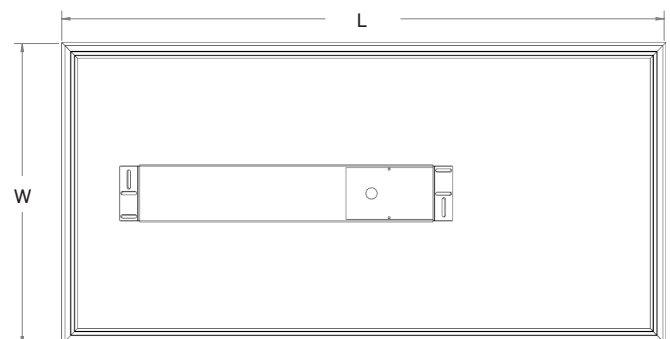
Suspension/Surface Mount shown in Black finish.



Recessed Mount shown in White finish.

### Dimensions

| Size    | Series              | L       | W       | Y <sup>1</sup> | Y <sup>2</sup> |
|---------|---------------------|---------|---------|----------------|----------------|
| 1' x 4' | 9/16 Recessed Grid  | 47.375" | 11.375" | 2.80"          | 4.17"          |
|         | 15/16 Recessed Grid | 47.00"  | 11.00"  | 2.80"          | 4.17"          |
|         | Surface/Suspension  | 48.00"  | 12.00"  | 3.50"          | 3.50"          |
| 1' x 8' | 9/16 Recessed Grid  | 93.625" | 11.375" | 2.80"          | 4.17"          |
|         | 15/16 Recessed Grid | 93.25"  | 11.00"  | 2.80"          | 4.17"          |
|         | Surface/Suspension  | 96.00"  | 36.00"  | 3.50"          | 3.50"          |
| 2' x 4' | 9/16 Recessed Grid  | 47.375" | 23.375" | 2.80"          | 4.17"          |
|         | 15/16 Recessed Grid | 47.00"  | 23.00"  | 2.80"          | 4.17"          |
|         | Surface/Suspension  | 48.00"  | 24.00"  | 3.50"          | 3.50"          |
| 3' x 8' | 9/16 Recessed Grid  | 93.625" | 35.375" | 2.80"          | 4.17"          |
|         | 15/16 Recessed Grid | 93.25"  | 35.00"  | 2.80"          | 4.17"          |
|         | Surface/Suspension  | 96.00"  | 36.00"  | 3.50"          | 3.50"          |
| 4' x 6' | 9/16 Recessed Grid  | 69.625" | 47.375" | 2.80"          | 4.17"          |
|         | 15/16 Recessed Grid | 69.25"  | 47.00"  | 2.80"          | 4.17"          |
|         | Surface/Suspension  | 72.00"  | 48.00"  | 3.50"          | 3.50"          |
| 4' x 8' | 9/16 Recessed Grid  | 93.625" | 47.375" | 2.80"          | 4.17"          |
|         | 15/16 Recessed Grid | 93.25"  | 47.00"  | 2.80"          | 4.17"          |
|         | Surface/Suspension  | 96.00"  | 48.00"  | 3.50"          | 3.50"          |



**Example** SFS-RDT-14R-SO-30-HTW-WH-IN-010-UNV

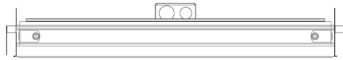
| Series                 | Mounting                          | Rect/Size                | Lumen Package             | CCT                      | Diffuser                             | Frame Color             | Driver      | Control             | Voltage        | Option    |
|------------------------|-----------------------------------|--------------------------|---------------------------|--------------------------|--------------------------------------|-------------------------|-------------|---------------------|----------------|-----------|
| SFS   Softform™ Series | RG916   Recessed Grid 9/16"       | 14R   1' x 4'            | L0   Low 6W/Sq Ft.        | 27   2700K               | HTW   High Transmission White Fabric | WH   White Powder Coat¹ | RM   Remote | 010   0-10V Dimming | UNV   120-277V | See Below |
|                        |                                   | 18R   1' x 8'            | 900Lm/Sq Ft.              | 30   3000K               |                                      |                         |             |                     |                |           |
|                        | RG1516   Recessed Grid 15/16"     | 24R   2' x 4'            | S0   Standard 9.6W/Sq Ft. | 35   3500K               | SFG   User Supplied Graphic          | BL   Black Powder Coat² |             |                     |                |           |
|                        |                                   | 38R   3' x 8'            | 1350Lm/Sq Ft.             | 40   4000K               |                                      |                         |             |                     |                |           |
|                        | RDT   Recessed Drywall, Trimmed   | 46R   4' x 6'            | 50   5000K                | SL   Silver Powder Coat² |                                      |                         |             |                     |                |           |
|                        |                                   | 48R   4' x 8'            | 27/50   2700-5000K        |                          |                                      |                         |             |                     |                |           |
|                        | TDTL   Recessed Drywall, Trimless | C   Custom               | RGB/27   RGB 2700K White  | C   Custom²              |                                      |                         |             |                     |                |           |
|                        |                                   |                          | RGB/30   RGB 3000K White  |                          |                                      |                         |             |                     |                |           |
|                        | SM   Surface Mount                |                          | RGB/35   RGB 3500K White  |                          |                                      |                         |             |                     |                |           |
|                        |                                   |                          | RGB/40   RGB 4000K White  |                          |                                      |                         |             |                     |                |           |
| SC   Suspended Cloud   |                                   | RGB/50   RGB 5000K White |                           |                          |                                      |                         |             |                     |                |           |

<sup>2</sup> Available for Surface and Suspended models

**Softform Lighting © 2022**    1809 Hur Industrial Blvd, Cedar Park, TX, 78613    Ph. 877.858.1167    [www.SoftFormLighting.com](http://www.SoftFormLighting.com)    Rev.1.04.23    Page 2 of 7

## SoftForm Series - Rectangular

### Mounting Details



**Recessed Grid Ceiling**  
(<sup>9</sup>/<sub>16</sub>" or <sup>15</sup>/<sub>16</sub>")

#### Weights & Mounting Points

| Size    | Weight*    | Mounting Points |
|---------|------------|-----------------|
| 1' x 4' | 17.69 Lbs. | 4               |
| 1' x 8' | 31.32 Lbs. | 6               |
| 2' x 4' | 28.17 Lbs. | 4               |
| 3' x 8' | 71.01 Lbs. | 8               |
| 4' x 6' | 69.93 Lbs. | 8               |
| 4' x 8' | 90.89 Lbs. | 8               |

\*Weight represents remote driver models.

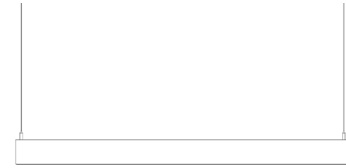


**Surface Mounted**

#### Weights & Mounting Points

| Size    | Weight*     |
|---------|-------------|
| 1' x 4' | 26.72 Lbs.  |
| 1' x 8' | 47.48 Lbs.  |
| 2' x 4' | 38.84 Lbs.  |
| 3' x 8' | 90.64 Lbs.  |
| 4' x 6' | 87.80 Lbs.  |
| 4' x 8' | 109.48 Lbs. |

\*Weight represents remote driver models.



**Suspension Mounted**

#### Weights & Mounting Points

| Size    | Weight*     | Mounting Points |
|---------|-------------|-----------------|
| 1' x 4' | 26.72 Lbs.  | 4               |
| 1' x 8' | 47.48 Lbs.  | 4               |
| 2' x 4' | 38.84 Lbs.  | 4               |
| 3' x 8' | 90.64 Lbs.  | 6               |
| 4' x 6' | 87.80 Lbs.  | 6               |
| 4' x 8' | 109.48 Lbs. | 6               |

\*Weight represents remote driver models.



**Recessed Drywall Trimmed/Trimless**

#### Weights

| Size    | Weight*    |
|---------|------------|
| 1' x 4' | 17.69 Lbs. |
| 1' x 8' | 31.32 Lbs. |
| 2' x 4' | 28.17 Lbs. |
| 3' x 8' | 71.01 Lbs. |
| 4' x 6' | 69.93 Lbs. |
| 4' x 8' | 90.89 Lbs. |

\*Weight represents remote driver models.

#### Important:

Recessed forms fit between ceiling grid flanges. Form frames for 9/16 and 15/16" grids are not interchangeable. Recessed forms fit between drop ceiling t-grid.

## SoftForm Series - Rectangular

### Custom Diffuser Imagery



Our large format, stretched fabric lighting forms make biophilic lighting design easy. Fabric diffusion allows for the implementation of the biophilic design element of soft, diffuse, visually comfortable light much like you would experience outside, in the shade of a tree. Our highly diffuse ambient lighting can also help those designers, working to attain a Well Building Certification, to achieve circadian stimulation thresholds.



SoftForm Lighting's fabric LED diffusion material enables the printing of graphic images. Print, in turn, allows the designer to introduce visually pleasing backlit graphic elements into any space. Additionally, printing can facilitate the introduction of additional biophilic design elements like analogous references and repeating biomorphic forms. Backlit elements are also useful for identity graphics like logos and wayfinding signage. For more information about biophilic design go to our biophilic design principles page.

Finally, fabric provides sound attention properties to all of our light forms. With an NRC (Noise Reduction Coefficient) of 0.25, SoftForm Lighting light forms are ideal for those areas where sound attenuating acoustical properties are important. Bring your Softform lighting to life with an abstract image from our gallery at [www.softformlighting.com/gallery](http://www.softformlighting.com/gallery).

#### White

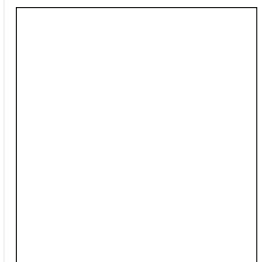
High Transmission White Fabric.



#### USG

#### User Supplied Graphic

Provide Softform with the image that you'd like to use.



### Design Options

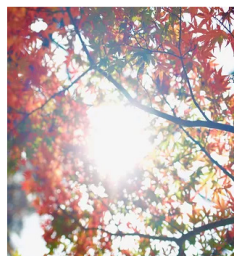
#### Abstract

Choose from our sampling of abstract images to add repeating biomorphic forms to your design solution.



#### Environmental

Introduce scenes from the outdoors integrated into your SoftForm Lighting form.



#### Featured Artist

**Chuck Helfer**, Vermont based photographer who specializes in landscape and flower photography.



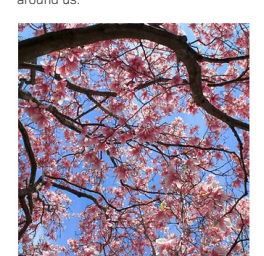
#### Featured Artist

**Sam Koerbel**, photography is an incredible way for me to share with the world what I see in a split second.



#### Featured Artist

**Ryan Linton**, my love of traveling and photography coupled with my work in the architectural lighting industry has given me a unique appreciation of how light interacts with the world around us.



## SoftForm Series - Rectangular

### Lumen Information

| Size            | CCT/CRI: 2700, 80  |                    | CCT/CRI: 3000, 80    |                    | CCT/CRI: 3500, 80  |                    | CCT/CRI: 4000, 80    |                    | CCT/CRI: 5000, 80    |                    |
|-----------------|--------------------|--------------------|----------------------|--------------------|--------------------|--------------------|----------------------|--------------------|----------------------|--------------------|
|                 | SO                 | LO                 | SO                   | LO                 | SO                 | LO                 | SO                   | LO                 | SO                   | LO                 |
| 1'x4' Rectangle | 4800Lm<br>125Lm/W  | 3096Lm<br>129Lm/W  | 5068.8Lm<br>132Lm/W  | 3264Lm<br>136Lm/W  | 5184Lm<br>135Lm/W  | 3336Lm<br>139Lm/W  | 5337.6Lm<br>139Lm/W  | 3432Lm<br>143Lm/W  | 5337.6Lm<br>139Lm/W  | 3432Lm<br>143Lm/W  |
| 1'x8' Rectangle | 9600Lm<br>125Lm/W  | 6192Lm<br>129Lm/W  | 10137.6Lm<br>132Lm/W | 6528Lm<br>136Lm/W  | 10368Lm<br>135Lm/W | 6672Lm<br>139Lm/W  | 10675.2Lm<br>139Lm/W | 6864Lm<br>143Lm/W  | 10675.2Lm<br>139Lm/W | 6864Lm<br>143Lm/W  |
| 2'x4' Rectangle | 9600Lm<br>125Lm/W  | 6192Lm<br>129Lm/W  | 10137.6Lm<br>132Lm/W | 6528Lm<br>136Lm/W  | 10368Lm<br>135Lm/W | 6672Lm<br>139Lm/W  | 10675.2Lm<br>139Lm/W | 6864Lm<br>143Lm/W  | 10675.2Lm<br>139Lm/W | 6864Lm<br>143Lm/W  |
| 3'x8' Rectangle | 28800Lm<br>125Lm/W | 18576Lm<br>129Lm/W | 30412.8Lm<br>132Lm/W | 19584Lm<br>136Lm/W | 31104Lm<br>135Lm/W | 20016Lm<br>139Lm/W | 32025.6Lm<br>139Lm/W | 20592Lm<br>143Lm/W | 32025.6Lm<br>139Lm/W | 20592Lm<br>143Lm/W |
| 4'x6' Rectangle | 28800Lm<br>125Lm/W | 18576Lm<br>129Lm/W | 30412.8Lm<br>132Lm/W | 19584Lm<br>136Lm/W | 31104Lm<br>135Lm/W | 20016Lm<br>139Lm/W | 32025.6Lm<br>139Lm/W | 20592Lm<br>143Lm/W | 32025.6Lm<br>139Lm/W | 20592Lm<br>143Lm/W |
| 4'x8' Rectangle | 38400Lm<br>125Lm/W | 24768Lm<br>129Lm/W | 40550.4Lm<br>132Lm/W | 26112Lm<br>136Lm/W | 41472Lm<br>135Lm/W | 26688Lm<br>139Lm/W | 42700.8Lm<br>139Lm/W | 27456Lm<br>143Lm/W | 42700.8Lm<br>139Lm/W | 27456Lm<br>143Lm/W |

### Lumen Information (RGB + White)

| Size            | CCT/CRI: 2700, 80   |                   | CCT/CRI: 3000, 80   |                   | CCT/CRI: 3500, 80   |                    | CCT/CRI: 4000, 80    |                    | CCT/CRI: 5000, 80    |                    |
|-----------------|---------------------|-------------------|---------------------|-------------------|---------------------|--------------------|----------------------|--------------------|----------------------|--------------------|
|                 | SO                  | LO                | SO                  | LO                | SO                  | LO                 | SO                   | LO                 | SO                   | LO                 |
| 1'x4' Rectangle | 5299.2Lm<br>91Lm/W  | 3408Lm<br>93Lm/W  | 3494.4Lm<br>96Lm/W  | 2232Lm<br>97Lm/W  | 3686.4Lm<br>98Lm/W  | 2328Lm<br>100Lm/W  | 3763.2Lm<br>101Lm/W  | 2400Lm<br>102Lm/W  | 3878.4Lm<br>101Lm/W  | 2448Lm<br>102Lm/W  |
| 1'x8' Rectangle | 10598.4Lm<br>91Lm/W | 6816Lm<br>93Lm/W  | 6988.8Lm<br>96Lm/W  | 4464Lm<br>97Lm/W  | 7372.8Lm<br>98Lm/W  | 4656Lm<br>100Lm/W  | 7526.4Lm<br>101Lm/W  | 4800Lm<br>102Lm/W  | 7756.8Lm<br>101Lm/W  | 4896Lm<br>102Lm/W  |
| 2'x4' Rectangle | 10598.4Lm<br>91Lm/W | 6816Lm<br>93Lm/W  | 6988.8Lm<br>96Lm/W  | 4464Lm<br>97Lm/W  | 7372.8Lm<br>98Lm/W  | 4656Lm<br>100Lm/W  | 7526.4Lm<br>101Lm/W  | 4800Lm<br>102Lm/W  | 7756.8Lm<br>101Lm/W  | 4896Lm<br>102Lm/W  |
| 3'x8' Rectangle | 31795.2Lm<br>91Lm/W | 20448Lm<br>93Lm/W | 20966.4Lm<br>96Lm/W | 13392Lm<br>97Lm/W | 22118.4Lm<br>98Lm/W | 13968Lm<br>100Lm/W | 22579.2Lm<br>101Lm/W | 14400Lm<br>102Lm/W | 23270.4Lm<br>101Lm/W | 14688Lm<br>102Lm/W |
| 4'x6' Rectangle | 31795.2Lm<br>91Lm/W | 20448Lm<br>93Lm/W | 20966.4Lm<br>96Lm/W | 13392Lm<br>97Lm/W | 22118.4Lm<br>98Lm/W | 13968Lm<br>100Lm/W | 22579.2Lm<br>101Lm/W | 14400Lm<br>102Lm/W | 23270.4Lm<br>101Lm/W | 14688Lm<br>102Lm/W |
| 4'x8' Rectangle | 42393.6Lm<br>91Lm/W | 27264Lm<br>93Lm/W | 27955.2Lm<br>96Lm/W | 17856Lm<br>97Lm/W | 29491.2Lm<br>98Lm/W | 18624Lm<br>100Lm/W | 30105.6Lm<br>101Lm/W | 19200Lm<br>102Lm/W | 31027.2Lm<br>101Lm/W | 19584Lm<br>102Lm/W |

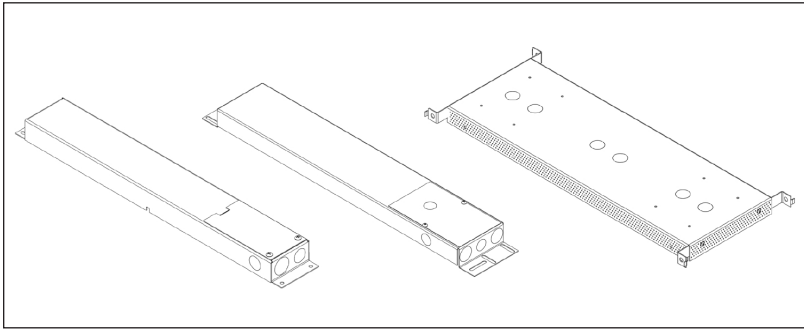
### Lumen Information (Tunable)

| Size            | CCT/CRI: 2700 - 5000, 80 |                    |
|-----------------|--------------------------|--------------------|
|                 | SO                       | LO                 |
| 1'x4' Rectangle | 3878.4Lm<br>138Lm/W      | 2448Lm<br>142Lm/W  |
| 1'x8' Rectangle | 7756.8Lm<br>138Lm/W      | 4896Lm<br>142Lm/W  |
| 2'x4' Rectangle | 7756.8Lm<br>138Lm/W      | 4896Lm<br>142Lm/W  |
| 3'x8' Rectangle | 23270.4Lm<br>138Lm/W     | 14688Lm<br>142Lm/W |
| 4'x6' Rectangle | 23270.4Lm<br>138Lm/W     | 14688Lm<br>142Lm/W |
| 4'x8' Rectangle | 31027.2Lm<br>138Lm/W     | 19584Lm<br>142Lm/W |

\*The values for RGBW options represent the White diode only and will vary depending on programming. The Tunable White values are an average of the two diodes output and efficacy.

## SoftForm Series - Rectangular

### Power & Control Mounting



#### Integrated Driver

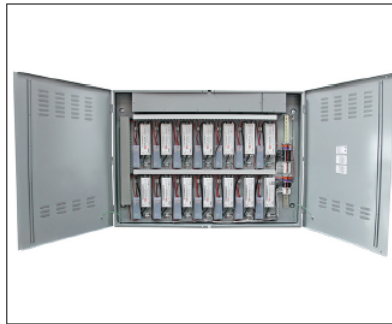
Allows AC electrical connection to be made directly to the power supplies directly at the luminaire via trade sized electrical knockouts..

#### Remote Driver

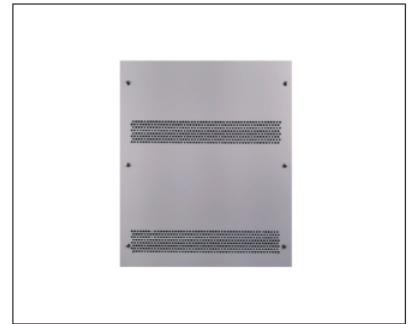
Drivers can be installed remotely in a location that may be more suitable for AC electrical connection or easy maintenance access. Drivers can optionally be stored in one of our UL Listed VLT Power Panel enclosures, available in various sizes to fit your application. Refer to the VLT catalog, product cutsheet, or contact us for more info.



HELD 5n1-96  
8.66" x 3.75" x 1.57"



Large Power Panel  
48" x 36" x 4.56"



Mini Power Panel  
15" x 17.85" x 4.06"

# SoftForm Series - Rectangular

## Photometry

