

## SoftForm Series - Circular

### 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 Color Tuning: 2700-5000K 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 three (3) mounting options: <ul style="list-style-type: none"> <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



Recessed Mount shown with available biophilic graphic diffuser.



Suspension/Surface Mount shown in Black finish.



Biophilic Elements



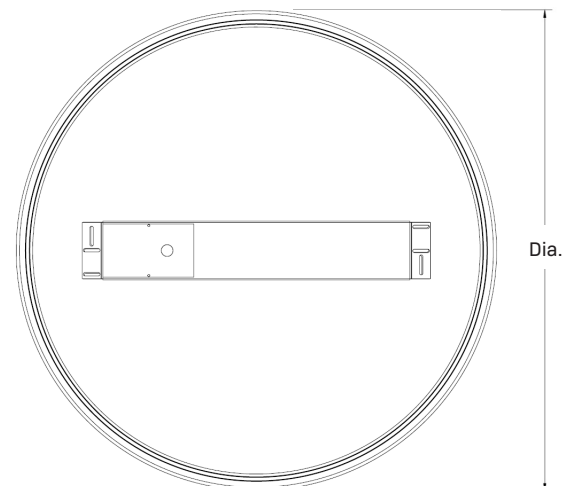
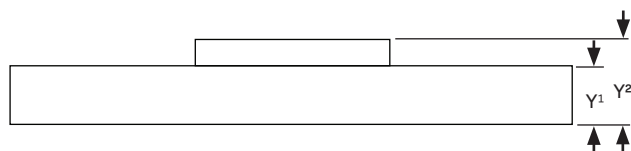
Recessed Mount shown in White finish.

### Dimensions

Size	Series	Dia	Y <sup>1</sup>	Y <sup>2</sup>
36"	Recessed Drywall	36"	2.80"	4.17"
	Surface/Suspension	36"	3.50"	3.50"
48"	Recessed Drywall	48"	2.80"	4.17"
	Surface/Suspension	48"	3.50"	3.50"
60"	Recessed Drywall	60"	2.80"	4.17"
	Surface/Suspension	60"	3.50"	3.50"
72"	Recessed Drywall	72"	2.80"	4.17"
	Surface/Suspension	72"	3.50"	3.50"

### Wattages

Size	STANDARD (SO)	LOW (LO)
36" Circular	67.2W	42W
48" Circular	115.2W	72W
60" Circular	182.4W	114W
72" Circular	268.8W	168W



## SoftForm Series - Circular

### Ordering Guide

Example SFS-RDT-36C-SO-30-HTW-WH-IN-010-UNV-EL

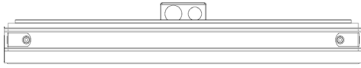
<b>SFS</b>	-		-		-		-		-		-		-		-		-		-	
Series	Mounting	Circ/Size	Lumen Package	CCT	Diffuser	Frame Color	Driver	Control	Voltage	Option										
SFS   Softform™ Series	RDT   Recessed Drywall, Trimmed	36C   36"	LO   Low 6W/Sq Ft. 900Lm/Sq Ft.	27   2700K	HTW   High Transmission White Fabric	WH   White Powder Coat <sup>1,2</sup>	RM   Remote	010   0-10V Dimming	UNV   120-277V	See Below										
		48C   48"	30   3000K																	
	TDTL   Recessed Drywall, Trimless	60C   60"	SO   Standard 9.6W/Sq Ft. 1350Lm/Sq Ft.	35   3500K	SFG   User Supplied Graphic	BL   Black Powder Coat <sup>2</sup>														
		72C   72"	40   4000K																	
	SM   Surface Mount			50   5000K			SL   Silver Powder Coat <sup>2</sup>													
	SC   Suspended Cloud			27/50   2700-5000K			C   Custom <sup>2</sup>													
				RGB/27   RGB 2700K White																
				RGB/30   RGB 3000K White																
				RGB/35   RGB 3500K White																
				RGB/40   RGB 4000K White																
			RGB/50   RGB 5000K White																	

<sup>1</sup> All Recessed models are White finish  
<sup>2</sup> Available for Surface and Suspended models

Options	
AMP	Antimicrobial Paint
EL	LED emergency driver that enables operation in the event of a power failure. Not available with SM mounting combined with IN drivers.
MRI	Non-ferrous construction. REQUIRES RM (Remote Driver) option for MRI safe installations. MRI power filtering by others.

## SoftForm Series - Circular

### Mounting Details



Recessed Drywall Mounted

#### Weights

Size	Weight*
36"	24.70 Lbs.
48"	39.32 Lbs.
60"	57.62 Lbs.
72"	90.64 Lbs.

\*Weight represents remote driver models.

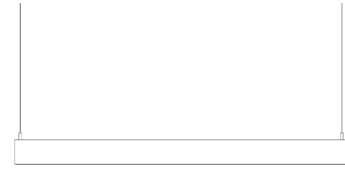


Surface Mounted

#### Weights

Size	Weight*
36"	32.99 Lbs.
48"	50.38 Lbs.
60"	71.45 Lbs.
72"	90.64 Lbs.

\*Weight represents remote driver models.



Suspension Mounted

#### Weights & Mounting Points

Size	Weight*	Mounting Points
36"	35.99 Lbs.	4
48"	53.38 Lbs.	6
60"	74.45 Lbs.	4
72"	90.64 Lbs.	8

\*Weight represents remote driver models.

## SoftForm Series - Circular

### 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

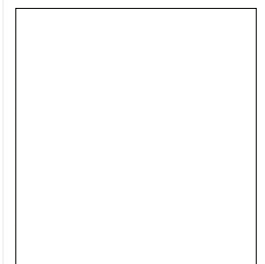
High Transmission White Fabric.



#### USG

#### User Supplied Graphic

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



### Design Options

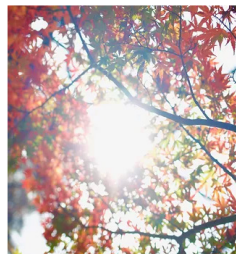
#### Abstract

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.



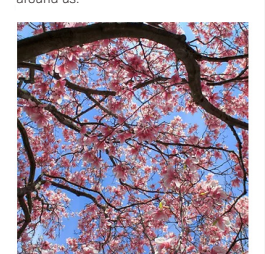
#### Featured Artist

**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 - Circular

### 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
36" Circular	8400Lm	5418Lm	8870Lm	5712Lm	9072Lm	5838Lm	9340Lm	6006Lm	9340Lm	6006Lm
	125Lm/W	129Lm/W	132Lm/W	136Lm/W	135Lm/W	139Lm/W	139Lm/W	143Lm/W	139Lm/W	143Lm/W
48" Circular	14400Lm	9288Lm	15206.4Lm	9792Lm	15552Lm	10008Lm	16012.8Lm	10296Lm	16012.8Lm	10296Lm
	125Lm/W	129Lm/W	132Lm/W	136Lm/W	135Lm/W	139Lm/W	139Lm/W	143Lm/W	139Lm/W	143Lm/W
60" Circular	22800Lm	14706Lm	24076.8Lm	15504Lm	24624Lm	15846Lm	25353.6Lm	16302Lm	25353.6Lm	16302Lm
	125Lm/W	129Lm/W	132Lm/W	136Lm/W	135Lm/W	139Lm/W	139Lm/W	143Lm/W	139Lm/W	143Lm/W
72" Circular	33600Lm	21672Lm	35481Lm	22848Lm	36288Lm	23352Lm	37363.2Lm	24024Lm	37363.2Lm	24024Lm
	125Lm/W	129Lm/W	132Lm/W	136Lm/W	135Lm/W	139Lm/W	139Lm/W	143Lm/W	139Lm/W	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
36" Circular	9273.6Lm	5964Lm	6115.2Lm	3906Lm	6451.2Lm	4074Lm	6585.6Lm	4200Lm	6787.2Lm	4284Lm
	91Lm/W	93Lm/W	96Lm/W	97Lm/W	98Lm/W	100Lm/W	101Lm/W	102Lm/W	101Lm/W	102Lm/W
48" Circular	14400Lm	9288Lm	15206.4Lm	9792Lm	15552Lm	10008Lm	16012.8Lm	10296Lm	16012.8Lm	10296Lm
	91Lm/W	93Lm/W	96Lm/W	97Lm/W	98Lm/W	100Lm/W	101Lm/W	102Lm/W	101Lm/W	102Lm/W
60" Circular	22800Lm	14706Lm	24076.8Lm	15504Lm	24624Lm	15846Lm	25353.6Lm	16302Lm	25353.6Lm	16302Lm
	91Lm/W	93Lm/W	96Lm/W	97Lm/W	98Lm/W	100Lm/W	101Lm/W	102Lm/W	101Lm/W	102Lm/W
72" Circular	24460.8Lm	15624Lm	25804.8Lm	16296Lm	26342.4Lm	16800Lm	27148.8Lm	17136Lm	27148.8Lm	17136Lm
	91Lm/W	93Lm/W	96Lm/W	97Lm/W	98Lm/W	100Lm/W	101Lm/W	102Lm/W	101Lm/W	102Lm/W

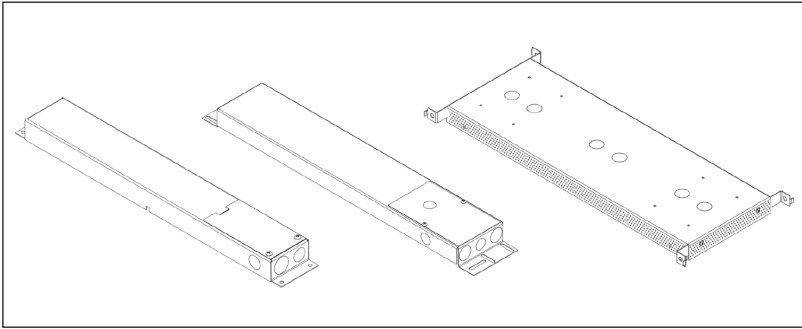
### Lumen Information (Tunable)

Size	CCT/CRI: 2700 - 5000, 80	
	SO	LO
36" Circular	9273.6Lm	5964Lm
	138Lm/W	142Lm/W
48" Circular	15897.6Lm	10224Lm
	138Lm/W	142Lm/W
60" Circular	25171Lm	16188Lm
	138Lm/W	142Lm/W
72" Circular	37094.4Lm	23856Lm
	138Lm/W	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 - Circular

### Power & Control Mounting



#### Integrated Driver

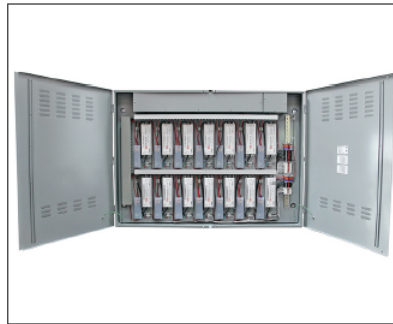
Allows AC electrical connection to be made directly to the power supplies directly at the luminaire via trade sized electrical knockouts.

#### Remote Driver

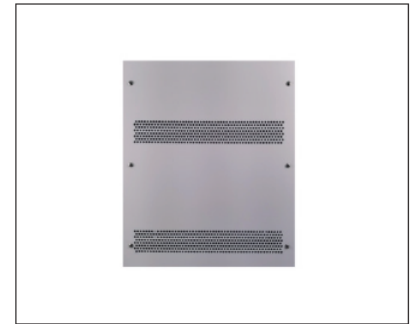
Drivers can be installed remotely in a location that may be more suitable for AC electrical connection or easy maintenance access. Drivers can optionally be stored in one of our UL Listed VLT Power Panel enclosures, available in various sizes to fit your application. Refer to the VLT catalog, product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

## Photometry

