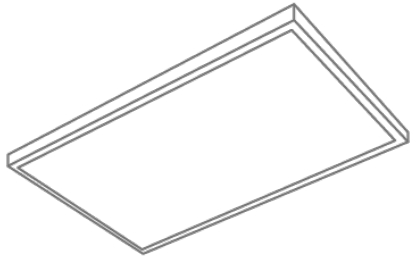




PROJECT	TYPE
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## SFR48 Recessed 4 x 8 Lay-in Fabric Light Form



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. Optionally, images 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 for the application of biophilic lighting design for many applications including schools, offices and other commercial spaces, retail and healthcare facilities.

**Construction** - extruded aluminum frame, steel back panel, driver box and attachment hardware. Non-ferrous construction for MRI applications available.

**Optics** - Fabric diffusion coupled with Lambertian distribution creates an optimal mix of illumination for both vertical and horizontal surfaces.

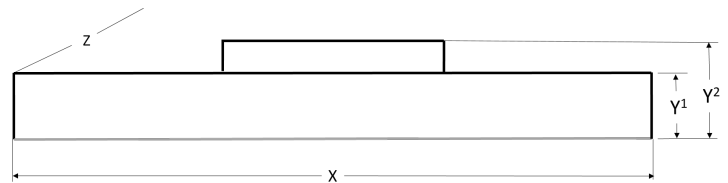
**Electrical** - 120 or 277 volt. LM-80 L70 (70%) at 50,000 hours.

**Control Integration** - 0-10V low voltage, 10% dimming standard.

**Mounting** - 9/16" or 15/16" T-grid ceiling systems. Universal mounting brackets for either flush or 5/16" (tegular) reveal.

**Finish** - White powder coat.

**Listings** - CSA Certified to meet U.S. and Canadian standards. Suitable for damp location application. Noise Reduction Coefficient (NRC) 0.25. Fabric - ASTM E84



**Important!** Recessed forms fit *between* ceiling grid flanges. Form frames for 9/16 and 15/16 grids are not interchangeable.

Axis	9/16	15/16
<b>X</b>	47-3/8"	47"
<b>Y<sup>1</sup></b>	2-5/8"	2-5/8"
<b>Y<sup>2</sup></b>	4"	4"
<b>Z</b>	93-5/8"	93-1/4"

### Specification Nomenclature

SFR48						
Series	Grid <sup>1,4</sup>	Diffuser		Lumens <sup>2,5</sup>		CCT <sup>2</sup> Voltage
<b>SFR48</b>	9/16 15/16	<b>HTW</b>	High Transmission White fabric	<b>LO</b>	8900	<b>30</b> 3000k <b>35</b> 3500k <b>40</b> 4000k <b>50</b> 5000k
		<b>SFGxxx</b>	softformlighting.com Gallery selection, replace xxx with image ID number	<b>SO</b>	17200	
		<b>USG<sup>6</sup></b>	User Supplied Graphic	<b>HO</b>	24800	
				<b>CLVxxxxxx<sup>8</sup></b>	Custom Lumen Value between LO and HO values, replace x with value	

See page 2 for options, accessories and notes.

Options	
<b>AMP</b>	Antimicrobial Paint
<b>EL<sup>9</sup></b>	LED emergency driver that enables emergency operation in the event of a power failure
<b>MRI</b>	Non-ferrous construction. Use <b>RDE</b> (Remote Driver Enclosure) for remote driver installation. MRI power filtering by others.
<b>PW1836</b>	6' Prewire, 1 Normal Power 18 Gauge 3 Wire Circuit
<b>PW1846LV1</b>	6' Prewire, 1 Normal Power 18 Gauge 3 Wire Circuit + 1 Low Voltage 18 Gauge 2 Wire Circuit
Accessories <sup>3</sup>	
<b>TFA<sup>7</sup></b>	Trimless Flange Adapter

Notes:

- 1. Important!** Recessed forms fit **between** ceiling grid flanges. Form frames for 9/16 and 15/16 grids are not interchangeable.
2. 80 CRI
3. Accessories ship separately.
4. Grid option defaults to 9/16 when TFA is selected.
5. Nominal values. Actual values may vary based on system optical and driver efficiencies and operational thermal conditions.
6. Print files need to be a minimum of **150 dpi at actual size** for optimal rendering. Accepted file types are AI, EPS, PDF, EPS, JPEG, TIFF.
7. Enables installation of light form into drywall ceiling construction. Light Form grid designation defaults to 9/16.
8. Within the capacity of the drivers and LEDs, customized driver programming can be utilized to achieve desired lumen values.
9. Not available with MRI option.

System Electrical Performance Data			
Output	HO	SO	LO
<b>Watts</b>	333.2	238.8	177.2

## Photometry

Calculated Delivered Lumens <sup>5</sup>						
High Output (HO), Standard Output (SO), Low Output (LO)						
CCT	HO	LPW	SO	LPW	LO	LPW
3000	23064	69	16556	73	8861	76
3500	23952	72	17192	76	9202	79
4000	24844	75	17832	79	9544	82
5000	24844	75	17832	79	9544	82