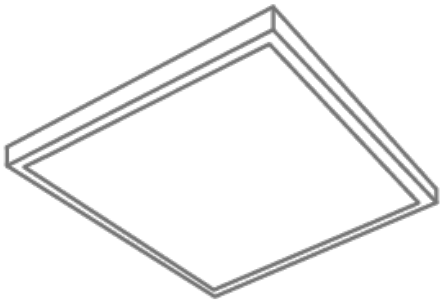
softform LIGHTING™

PROJECT	TYPE

SFR46 Recessed 4 x 6 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.

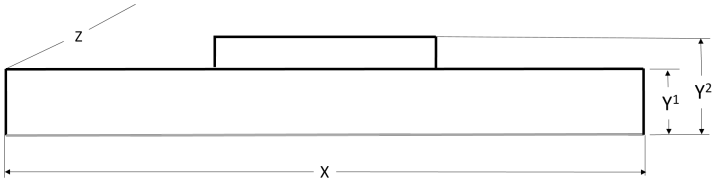
Electrical - 120 or 277 volt. LM-80 L70 (70%) at 50,000 hours.

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**
X	47-3/8"	47"
Y^1	2-5/8"	2-5/8"
Y^2	4"	4"
Z	68-1/2"	69-1/4"

Specification Nomenclature

SFR46

Series	Grid[1,4]	Diffuser		Lumens[2,5]		CCT[2]	Voltage
SFR46	**9/16** **15/16**	**HTW**	High Transmission White fabric	**LO**	6600	**30** 3000k **35** 3500k **40** 4000k **50** 5000k	**120** **277**
		SFGxxx	softformlighting.com Gallery selection, replace xxx with image ID number	**SO**	13300		
		USG[6]	User Supplied Graphic	**HO**	18500		
				CLVxxxxxx[8]	Custom Lumen Value between LO and HO values, replace x with value		

See page 2 for options, accessories and notes.

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

Photometry

System Electrical Performance Data			
Output	**HO**	**SO**	**LO**
Watts	250.0	175.4	87.5

Calculated Delivered Lumens[5]						
High Output (**HO**), Standard Output (**SO**), Low Output (**LO**)						
CCT	**HO**	**LPW**	**SO**	**LPW**	**LO**	**LPW**
3000	17298	69	12802	73	6645	75
3500	17965	72	13296	76	6902	79
4000	18632	75	13789	79	7158	82
5000	18632	75	13789	79	7158	82