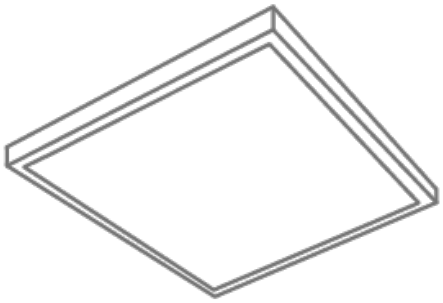
softform LIGHTING™

PROJECT	TYPE

SFR44 Recessed 4 x 4 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.

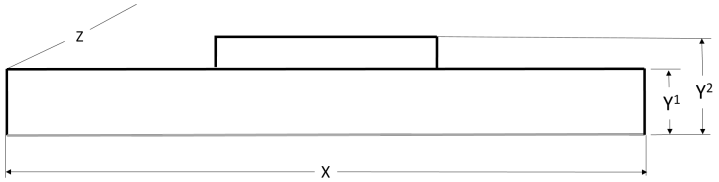
Electrical - 120 or 277 volt. LM-80 L70 (70%) at 50,000 hours.

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	47-3/8"	47"

Specification Nomenclature

SFR44

Series	Grid[1,5]	Diffuser		Lumens[2]	CCT[3]	Voltage
SFR44	**9/16** **15/16**	**HTW** **SFGxxx** **USG**[7]	High Transmission White fabric softformlighting.com Gallery selection, replace xxx with image ID number User Supplied Graphic	**LO** 7,100 **SO** 11,100 **HO** 14,700	**30** 3000k **35** 3500k **40** 4000k **50** 5000k	**120** **277**

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, driver ships separately for remote installation. MRI room EMI filter required (supplied 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[4]
TFA[8] 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. Nominal values. See photometry section for actual[6].
3. 80 CRI
4. Accessories ship separately.
5. Grid option defaults to 9/16 when TFA is selected.
6. Calculated values
7. 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.
8. Enables installation of light form into drywall ceiling construction. Light Form grid designation defaults to 9/16.
9. Not available with MRI option.

Photometry

System Electrical Performance Data			
Output	**HO**	**SO**	**LO**
Watts	164.3	119.4	88.6

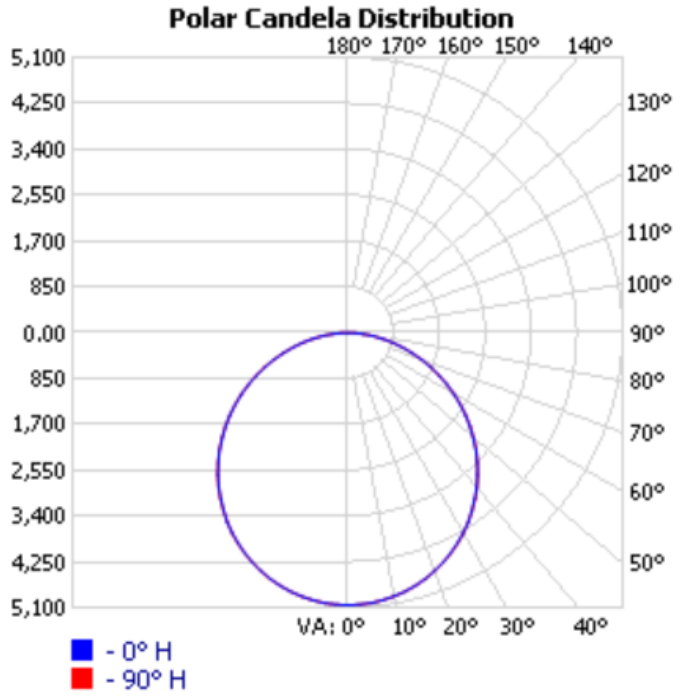
Calculated Delivered Lumens[6]						
High Output (**HO**), Standard Output (**SO**), Low Output (**LO**), ***** = measured values						
CCT	**HO**	**LPW**	**SO**	**LPW**	**LO**	**LPW**
3000	13704	83	10494	88	7998	90
3500	14234	87	10898	91	8306	94
4000	***14762**	***90**	11304	95	8616	97
5000	14762	90	11304	95	8616	97

See page 3 for LM-79 data

IESNA LM-79-08 Test # ITL90617

SFR44 0916 HTW HO 40 MVOLT

14,761 Delivered Lumens



ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% LUMINAIRE
0-30	3,930.3	26.6%
0-40	6,448.0	43.7%
0-60	11,456.8	77.6%
60-90	3,304.7	22.4%
70-100	1,454.1	9.9%
90-120	0.000	0%
0-90	14,761.5	100%
90-180	0.000	0%
0-180	14,761.5	100%

LUMENS PER ZONE			
ZONE	LUMENS	% TOTAL	ZONE
0-10	478.0	3.2%	90-100
10-20	1,370.8	9.3%	100-110
20-30	2,081.5	14.1%	110-120
30-40	2,517.6	17.1%	120-130
40-50	2,622.9	17.8%	130-140
50-60	2,385.9	16.2%	140-150
60-70	1,850.6	12.5%	150-160
70-80	1,115.7	7.6%	160-170
80-90	338.4	2.3%	170-180

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.08	1.03	.99	.95	1.06	1.01	.97	.84	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2	.98	.90	.83	.77	.96	.88	.82	.70	.84	.79	.74	.81	.77	.73	.78	.74	.71	.69
3	.90	.79	.70	.64	.87	.77	.69	.59	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4	.82	.70	.61	.54	.80	.68	.60	.51	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5	.75	.62	.53	.46	.73	.61	.52	.44	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6	.69	.56	.47	.40	.67	.55	.46	.39	.53	.45	.40	.51	.45	.39	.50	.44	.39	.37
7	.64	.51	.42	.36	.63	.50	.41	.34	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8	.60	.46	.38	.32	.58	.45	.37	.31	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9	.56	.42	.34	.28	.55	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.26
10	.52	.39	.31	.26	.51	.39	.31	.25	.38	.30	.26	.37	.30	.25	.36	.30	.25	.24