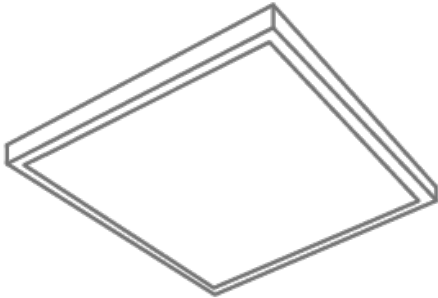




PROJECT	TYPE
---------	------

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.

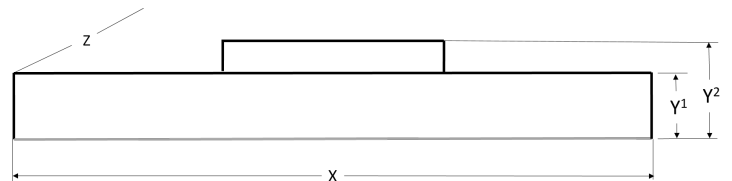
Electrical - 120 or 277 volt. LM-80 L70 (70%) at 50,000 hours.

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"
Y¹	2-5/8"	2-5/8"
Y²	4"	4"
Z	47-3/8"	47"

Specification Nomenclature

SFR44					
Series	Grid ^{1,4}	Diffuser		Lumens ^{2,5}	CCT ² Voltage
SFR44	9/16 15/16	HTW	High Transmission White fabric	LO 5300	30 3000k 35 3500k 40 4000k 50 5000k 120 277
			softformlighting.com Gallery selection, replace xxx with image ID number	SO 10500	
		SFGxxx		HO 14700	
		USG⁶	User Supplied Graphic	CLVxxxxxx⁸ Custom Lumen Value between LO and HO values, replace x with value	

See page 2 for options, accessories and notes.

Options	
AMP	Antimicrobial Paint
EL⁹	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	
TFA⁷	Trimless Flange Adapter

Notes:

- Important!** Recessed forms fit **between** ceiling grid flanges. Form frames for 9/16 and 15/16 grids are not interchangeable.
- 80 CRI
- Accessories ship separately.
- Grid option defaults to 9/16 when TFA is selected.
- Nominal values. Actual values may vary based on system optical and driver efficiencies and operational thermal conditions.
- 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.
- Enables installation of light form into drywall ceiling construction. Light Form grid designation defaults to 9/16.
- Within the capacity of the drivers and LEDs, customized driver programming can be utilized to achieve desired lumen values.
- Not available with MRI option.

System Electrical Performance Data			
Output	HO	SO	LO
Watts	166.7	116.9	58.4

Photometry

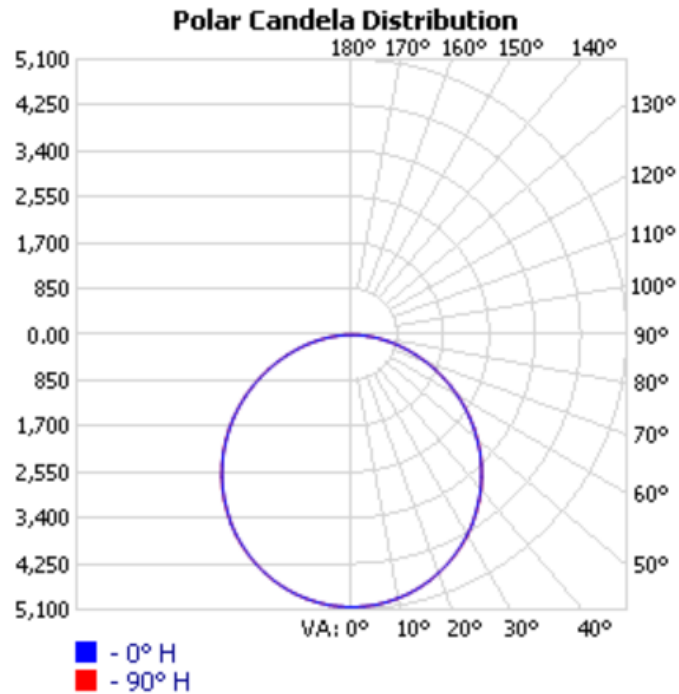
Calculated Delivered Lumens ⁵						
High Output (HO), Standard Output (SO), Low Output (LO), * = measured values						
CCT	HO	LPW	SO	LPW	LO	LPW
3000	13705	82	10140	87	5263	90
3500	14234	85	10531	90	5471	94
4000	*14762	*90	10922	93	5669	97
5000	14762	90	10922	93	5669	97

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