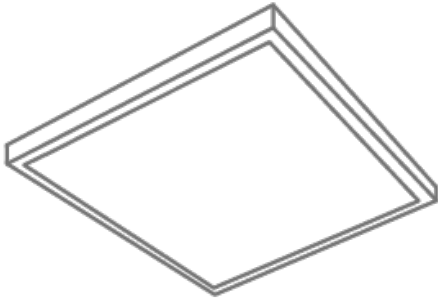




PROJECT	TYPE
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SFR22 Recessed 2 x 2 Lay-in Fabric Light Form



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.

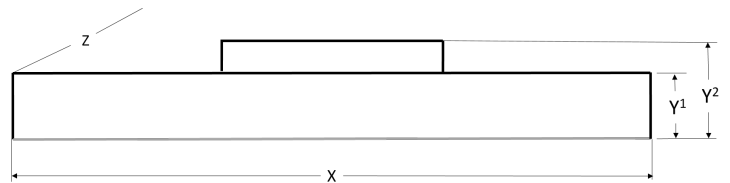
Electrical - 120 or 277 volt. LM-80 L70 (70%) at 50,000 hours.

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" (tegar) 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	23-3/8"	23"
Y¹	2-5/8"	2-5/8"
Y²	4"	4"
Z	23-3/8"	23"

Specification Nomenclature

SFR22							
Series	Grid ^{1,4}	Diffuser		Lumens ^{2,5}		CCT ²	Voltage
SFR22	9/16	HTW	High Transmission White fabric	LO	1400	30 3000k	120
			softformlighting.com Gallery selection, replace xxx with image ID number	SO	2700	35 3500k	
	15/16	SFGxxx		HO	4300	40 4000k	
			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	55.0	33.7	16.5

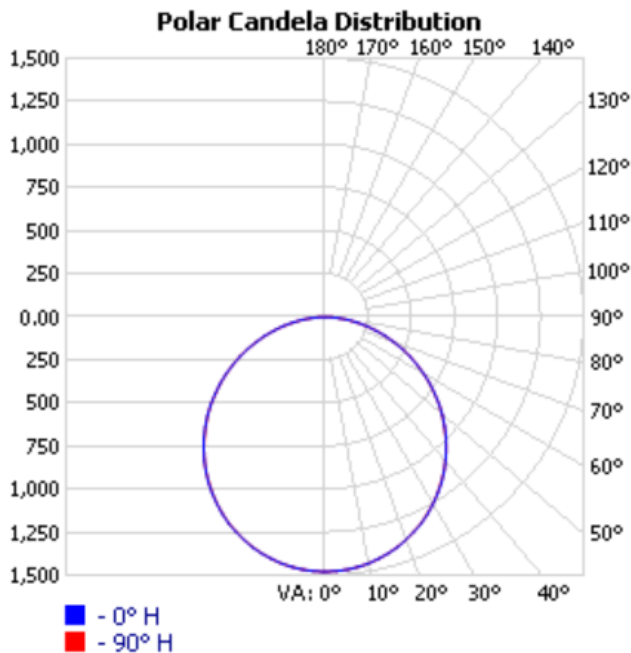
Photometry

Calculated Delivered Lumens ⁵						
High Output (HO), Standard Output (SO), Low Output (LO), * = measured values						
CCT	HO	LPW	SO	LPW	LO	LPW
3000	4115	75	2718	81	1406	85
3500	4174	76	2757	82	1426	86
4000	*4307	*78	2845	84	1472	89
5000	4441	81	2933	87	1518	92

See page 3 for LM-79 data

SFR22 0916 HTW HO 40 MVOLT

4,307 Delivered Lumens



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	1,149.3	26.7%
0-40	1,884.2	43.7%
0-60	3,344.8	77.7%
60-90	962.1	22.3%
70-100	423.0	9.8%
90-120	0.000	0%
0-90	4,306.9	100%
90-180	0.000	0%
0-180	4,306.9	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE
0-10	140.0	3.2%	90-100
10-20	401.0	9.3%	100-110
20-30	608.4	14.1%	110-120
30-40	735.0	17.1%	120-130
40-50	765.0	17.8%	130-140
50-60	695.5	16.1%	140-150
60-70	539.1	12.5%	150-160
70-80	325.0	7.5%	160-170
80-90	98.0	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	.46	.57	.50	.45	.55	.49	.45	.42
6	.69	.56	.47	.40	.68	.55	.46	.39	.53	.46	.40	.51	.45	.39	.50	.44	.39	.37
7	.64	.51	.42	.36	.63	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8	.60	.46	.38	.32	.58	.46	.37	.31	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9	.56	.42	.34	.29	.55	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.26
10	.52	.39	.31	.26	.51	.39	.31	.25	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24