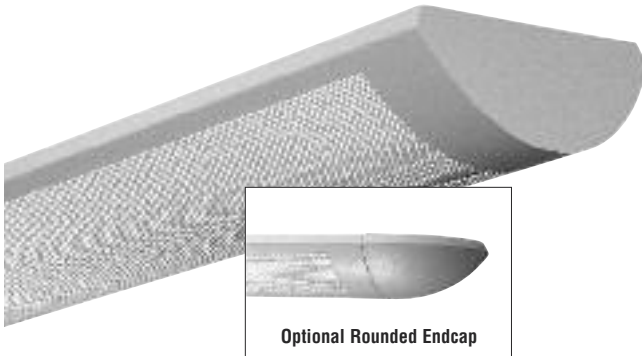


FINELITE

Series 8-FP Technical Sheet



Date

Project

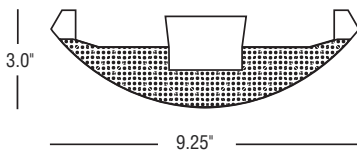
Type

Comments

DESCRIPTION

Series 8-FP, fully perforated, combines Finelite's precision design with the beauty of a fully perforated surface for dramatic elegance in any setting. Series 8-FP with optional EP reflector distributes 92% uplight and 8% downlight. It is available with 2 T8 lamps in lengths of 4', 8', and 12'. The Series 8 family also includes Series 8-P (perforated), Series 8-I (indirect) and Series 8-PW (perforated with windows). See separate technical sheets for each.

Series 8-FP Fully Perforated



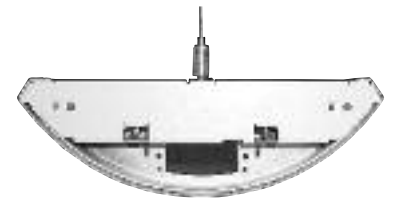
DIMENSIONS / LAMPING:

Available in 2, 3 or 4 T8 lamp cross sections.



STANDARD PLUG-TOGETHER WIRING:

An injection molded aligner sleeve (shown in place) fits into the internal joiner.



STANDARD DIE-FORMED JOINER

An internal die-formed joiner reinforces the joint for strength.

ORDERING GUIDE

Sample Number: S8-FP - 32' - 2T8 - SC - 91W - 277 - AC 18" - FE - C1



- Finelite **Series 8-FP (Fully Perforated)** _____
- Run length (4', 8', 12' multiples standard) _____
- Number of lamps in cross section (2 T8) _____
- Circuiting (SC-single circuit, DC-dual circuit) _____
- Reflector system (91W, EP) _____
- Voltage (120, 277, 347V) _____
- Mounting (AC/FA/Stem) _____
- Endcap FE (flat), RE (rounded) _____
- Ceiling type (C1-1" T-bar, C2-9/16" T-bar, C3-Slot Grid, C4-Hard Ceiling) _____

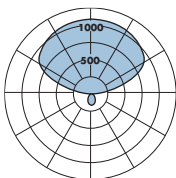
FINELITE

Series 8-FP Technical Sheet

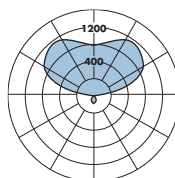
PHOTOMETRY



S8-FP: 2 T8 - 91W
 Distribution: 89% Up / 11% Down
 Efficiency: 68.5%
 Peak Candela Value: 1031@ 165°
 LSI Report 49423



S8-FP: 2 T8 - EP
 Distribution: 92% Up / 8% Down
 Efficiency: 71.2%
 Peak Candela Value: 1143@ 145°
 LSI Report 49488



CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	175	175	175	175	175	
5	174	175	175	174	172	17
15	163	165	167	171	170	47
25	143	148	152	157	157	70
35	116	124	129	138	138	81
45	84	95	103	115	117	80
55	52	65	76	92	95	69
65	28	38	53	69	73	52
75	12	19	33	48	51	35
85	1	9	18	30	33	20
90	0	7	12	19	38	
95	39	93	112	133	140	121
105	196	299	349	369	378	344
115	377	447	577	625	633	532
125	548	604	698	795	823	622
135	702	750	804	868	895	622
145	830	865	904	934	949	564
155	933	950	979	997	1005	450
165	1000	1006	1018	1025	1031	288
175	1033	1032	1032	1027	1029	98
180	1031	1031	1031	1031	1031	

CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	122	122	122	122	122	
5	122	122	122	121	119	12
15	114	115	117	119	119	33
25	100	104	107	111	109	49
35	82	88	91	97	97	57
45	61	68	72	81	82	56
55	39	47	54	65	66	49
65	22	28	37	48	50	37
75	11	15	23	34	35	25
85	4	8	13	21	23	15
90	0	7	12	17	29	
95	36	96	104	123	128	117
105	156	361	430	431	419	398
115	307	523	712	798	807	636
125	452	663	835	960	1006	713
135	585	757	943	1033	1094	691
145	699	819	986	1092	1143	598
155	790	851	970	1054	1094	442
165	851	872	920	960	981	260
175	877	880	883	882	886	84
180	878	878	878	878	878	

— Refer to www.finelite.com for additional photometry and product information.

SPECIFICATIONS

CONSTRUCTION: Body is 20-gauge die-formed steel with 18-gauge die-formed internal joiner system, plug-together wiring standard. All components are hard-tooled to tolerances of 0.010".

Precision-punched 0.062 diameter perforations cover the bottom of the fixture.

ENDCAPS: Flat Endcap (FE) standard, 18-gauge die-formed steel endcaps, add 0.1 at each end.

Optional: Rounded Endcap (RE), injection molded sculpted endcap with 0.100 reveal. No exposed fasteners, holes or knockouts. Rounded Endcap adds 5.105 at each end.

REFLECTORS: Die-formed prepainted aluminum, 91% reflective white (91W). Virgin acrylic UV-stabilized lens diffuser over perforations is standard. Optional: Extended performance reflector system.

CORNER: Optional one piece die-formed 90° corner. Consult Factory.

ELECTRICAL: 120 or 277V prewired. Fixture and electrical components are UL/C-UL listed and fixture will bear UL/C-UL labels. Optional Adders: 347V prewired, dual circuit, emergency circuits, emergency battery packs. Contact factory.

LAMPING: Available in 2-lamp T8 cross sections.

BALLAST: Electronic instant-start ballast <10% THD, 0.88 BF is standard. Specify ballast factor if not standard (contact factory). Optional adders: rapid-start ballasts, 347V, emergency battery packs, dimming ballasts (controls by others).

MOUNTING OPTIONS: Semi-adjustable aircraft cable, (AC) ± 0.5" in lengths of 12", 15", 18", 21", 24", 27", 30", and 36". Order length, e.g., AC 18". Optional Adders: fully adjustable aircraft cable (FA) in lengths up to 150". Rigid stems (Stem).

SUPPORT CABLES: Plated steel cable and hardware.

FEED: 18-gauge straight cord. 14 gauge feed cord used when fixture current exceeds 6 amps. Optional Adders: Coil Cord Feed, Rigid Stem Feed.

FINISHES: Signal White standard. Optional Adders: 185 colors available from Tiger Drylac's RAL color chart.

LENGTHS: 4', 8', and 12' section lengths can be combined to make longer runs. Contact factory for additional lengths.

WEIGHT: Fixture weight = 5.0 lb/ft.

SEE ALSO: Series 8-P (perforated), Series 8-I (100% indirect), and Series 8-PW (perforated with windows) technical sheets.