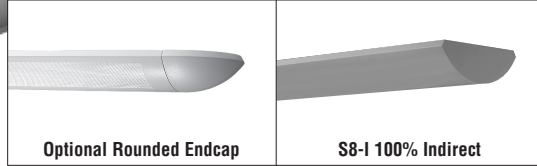
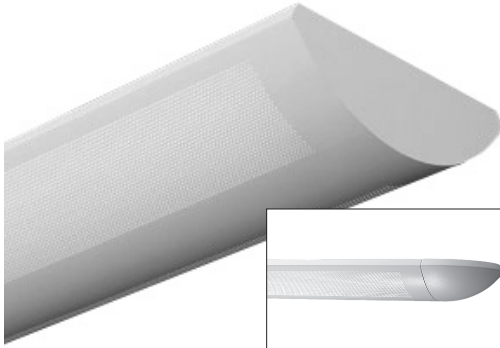


FINELITE

Series 8-P and 8-I Technical Sheet



Date

Project

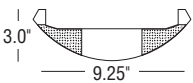
Type

Comments

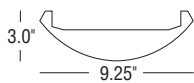
DESCRIPTION

Series 8 adds dramatic elegance and style to any setting. Available with two rows of perforations (S8-P) or 100% indirect (S8-I), Series 8 looks modern and beautiful in any application. S8-P distributes light approximately 97% indirect and 3% direct. The Series 8 family also includes Series 8-FP (fully perforated) and Series 8-PW (perforated with windows). See separate technical sheets for each.

Series 8 - Perforated

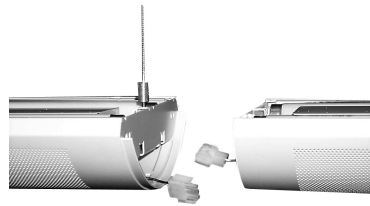


Series 8 - Indirect



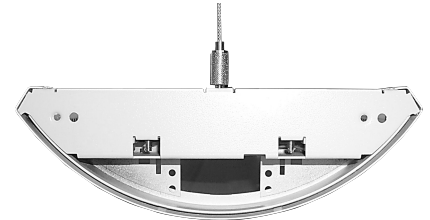
DIMENSIONS / LAMPING:

Available in 1, 2 or 3 T8 lamp cross sections.



STANDARD PLUG-TOGETHER WIRING

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

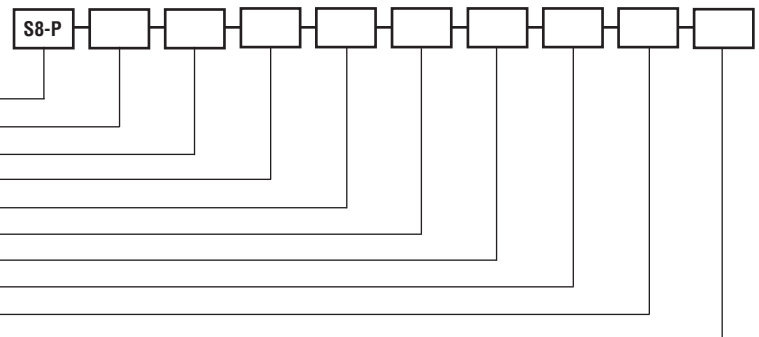


STANDARD DIE-FORMED JOINER

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

ORDERING GUIDE

Sample Number: S8-P - 32' - 2T8 - SC - 91W - 277 - AC 18" - FE - C1 - 0.88

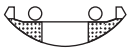


Finelite **Series 8-P (Perforated), Series 8-I (Indirect)** _____
 Run length (4', 8', 12' multiples standard) _____
 Number of lamps in cross section (1, 2, 3 T8) _____
 Circuiting (SC-single circuit, DC-dual circuit) _____
 Reflector system (91W, EP) _____
 Voltage (120, 277, 347V) _____
 Mounting (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) _____
 Ballast Factor (Standard 0.88 for T8 lamps) _____

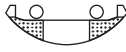
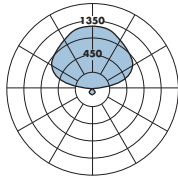
FINELITE

Series 8-P and 8-I Technical Sheet

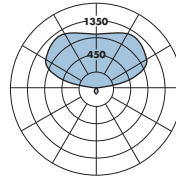
PHOTOMETRY



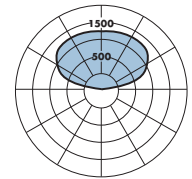
S8-P: 2 T8 - 91W
 Distribution: 93% Up / 7% Down
 Efficiency: 77.9%
 Peak Candela Value: 1199@ 180°
 LSI Report 48499



S8-P: 2 T8 - EP
 Distribution: 96% Up / 4% Down
 Efficiency: 81.8%
 Peak Candela Value: 1206@ 155°
 LSI Report 48502



S8-I: 2 T8-91W
 Distribution: 100% Up
 Efficiency: 93.1%
 Peak Candela Value: 1225@ 165°
 LSI Report 48508



CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	108	108	108	108	108	
5	108	108	108	107	106	10
15	100	102	105	109	108	30
25	87	91	97	101	100	44
35	68	76	82	89	90	51
45	49	60	68	79	81	52
55	31	43	55	67	71	48
65	18	27	41	54	58	40
75	9	15	28	41	44	29
85	2	10	17	27	30	19
90	0	8	20	17	34	
95	53	167	210	225	224	201
105	254	357	492	564	594	485
115	464	499	663	751	780	629
125	661	675	761	874	914	693
135	835	848	873	934	962	687
145	979	989	996	1014	1025	627
155	1091	1094	1103	1104	1106	508
165	1165	1165	1167	1165	1166	330
175	1200	1200	1198	1191	1191	114
180	1199	1199	1199	1199	1199	

CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	335	335	335	335	335	
5	63	63	62	62	60	6
15	59	59	63	65	64	17
25	52	55	59	61	60	26
35	42	47	51	55	55	32
45	31	37	42	47	48	32
55	20	27	34	40	42	29
65	12	18	25	32	34	24
75	6	11	18	25	26	19
85	2	8	12	17	18	13
90	0	7	17	9	24	
95	45	182	194	216	208	202
105	216	426	594	646	658	556
115	407	580	798	949	978	745
125	584	745	896	1037	1098	788
135	741	870	1009	1093	1153	758
145	874	947	1087	1163	1203	664
155	975	1009	1103	1173	1206	506
165	1044	1058	1079	1103	1121	307
175	1077	1078	1081	1077	1081	103
180	1079	1079	1079	1079	1079	

CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
90	0	0	0	0	0	
95	60	205	232	238	229	222
105	289	474	627	695	725	607
115	537	680	839	950	986	800
125	763	859	1023	1120	1151	886
135	966	1019	1141	1243	1282	875
145	1131	1156	1231	1299	1329	771
155	1261	1267	1304	1336	1352	603
165	1349	1345	1354	1357	1364	383
175	1388	1385	1384	1376	1376	132
180	1388	1388	1388	1388	1388	

— 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 (P) cover the bottom side of the fixture in two parallel columns. Optional: Series 8 100% Indirect (I).

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, (91W). Virgin acrylic UV-stabilized lens diffuser over perforations is standard. Optional: Extended Performance Reflector System (EP). Optional Dust Cover for T8 lamps only. Contact factory.

ACCESSORY: Optional Dust Cover, clear acrylic. NOTE: Will significantly impact light level performance. Consult Factory.

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 1, 2, or 3 T8 lamp 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 250". Rigid stems (Stem).

SUPPORT CABLES: Plated steel cable and hardware.

FEED: 18-gauge straight cord. 14-gauge feed cord used when fixture current exceeds 5 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-FP (fully perforated), and Series 8-PW (perforated with windows) technical sheets.