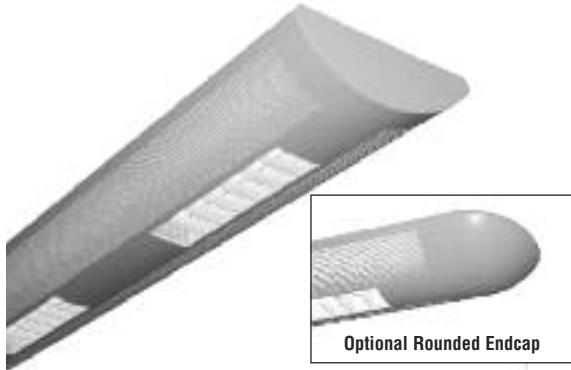


FINELITE

Series 8-PW Technical Sheet



DESCRIPTION

Series 8 Perf with Windows provides the best of both worlds—indirect light for luminous, uniform ceilings and 10-15% downlight for additional visual interest. Series 8 provides users more alternatives for lighting a multitude of spaces whether they be general offices, training centers or conference rooms. The Series 8 family also includes Series 8-P (perforated), Series 8-I (indirect) and Series 8-FP (fully perforated). See separate technical sheets for each.

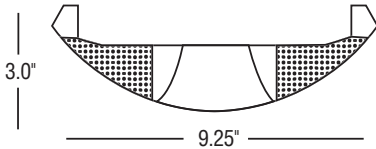
Date

Project

Type

Comments

Series 8-PW Perforated Windows



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 jointer.

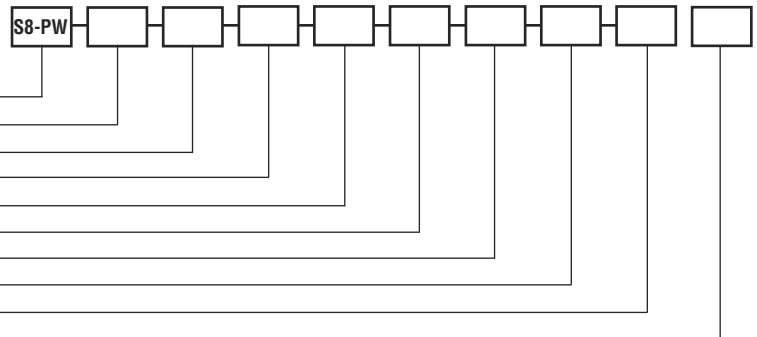


STANDARD DIE-FORMED JOINER:

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

ORDERING GUIDE

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



- Finelite **Series 8-PW (Perforated with Windows)**
- Run length (4', 8', 12' multiples standard)
- Number of lamps in cross section (2, 3, 4 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)

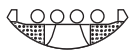
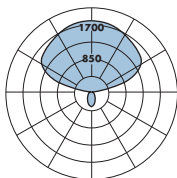
FINELITE

Series 8-PW Technical Sheet

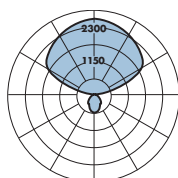
PHOTOMETRY



S8-PW: 3 T8 - 91W
 Distribution: 90% Up / 10% Down
 Efficiency: 78.1%
 Peak Candela Value: 1737@ 180°
 LSI Report 50502



S8-PW: 4 T8 - 91W
 Distribution: 88% Up / 12% Down
 Efficiency: 79.0%
 Peak Candela Value: 2443@ 180°
 LSI Report 50503



CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	335	335	335	335	335	
5	329	331	335	335	334	32
15	290	297	302	306	307	85
25	242	250	251	260	262	116
35	187	192	195	192	192	120
45	128	136	140	144	146	109
55	83	90	102	128	138	97
65	49	57	74	93	100	74
75	22	30	46	61	67	48
85	3	13	23	35	38	26
90	0	5	19	27	33	
95	64	173	188	209	208	196
105	344	530	679	730	720	647
115	655	758	1004	1141	1168	941
125	948	1018	1172	1349	1409	1054
135	1208	1259	1330	1433	1474	1037
145	1421	1456	1491	1535	1554	936
155	1586	1607	1625	1641	1648	749
165	1690	1701	1706	1709	1713	482
175	1740	1743	1735	1728	1729	165
180	1737	1737	1737	1737	1737	

CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	601	601	601	601	601	
5	586	581	575	573	567	54
15	511	497	488	489	492	139
25	416	397	386	400	429	185
35	312	299	315	373	388	207
45	204	204	239	245	248	178
55	137	146	154	176	188	142
65	78	88	104	125	135	106
75	38	47	62	80	86	67
85	9	21	31	44	48	34
90	0	6	19	31	34	
95	85	172	183	215	199	201
105	482	687	712	737	723	719
115	912	1049	1285	1321	1315	1176
125	1324	1409	1591	1797	1848	1423
135	1687	1743	1854	1977	2019	1436
145	1992	2030	2072	2148	2176	1306
155	2223	2244	2258	2278	2289	1044
165	2373	2381	2384	2384	2388	674
175	2448	2447	2438	2425	2426	232
180	2443	2443	2443	2443	2443	

— 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.

BAFFLES: Perforated baffles in two window sections per 4' 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, (91W). Virgin acrylic-UV-stabilized lens diffuser over perforations is standard. *Optional: Extended Performance Reflector System.*

ACCESSORIES: Optional dust cover, clear acrylic. NOTE: Will significantly impact light level performance. Consult Factory.

CORNER: Optional one piece die-formed 90 corner. Contact factory.

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

LAMPING: Available in 2, 3, and 4 T8 lamp cross sections. 2-lamp is outboard.

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). One ballast every 4' maximum.

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 (fixture). RAL 7047 (light gray) standard (baffle). 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-FP (fully perforated) technical sheets.