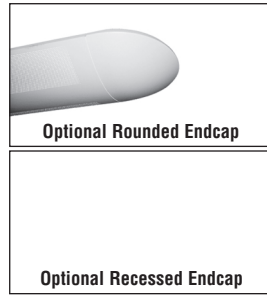


# FINELITE

## Series 5 - Technical Sheet



Signal White is standard finish



Date

Project

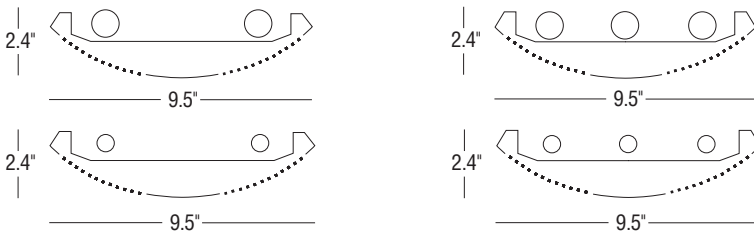
Type

Comments

### DESCRIPTION

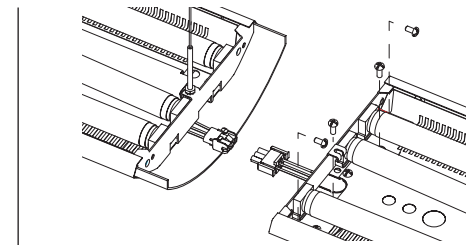
The Series 5 is a slim, curving 2.4" by 9.5", low-profile lighting fixture with optical performance and mechanical fit. The softly radiant downlight portion is achieved by a precision punched 0.062" diameter perforation pattern over most of the fixture surface.

### Perf or Indirect - T8 / T5HO



### DIMENSIONS / LAMPING:

Available in 2 or 4 T8 lamp cross sections.



### PRECISION JOINING:

Series 5's new 14-gauge die-formed steel joining aligner (tolerance 0.010") slides easily into the fixture and fits securely against the welded end bracket. Electrical wiring is easy with quick connect plugs.

### ORDERING GUIDE

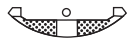
Sample Number: S5-P - 32' - 2T8 - SC - 91W - 277V - AC 18" - FE - C1 - 0.88

Finelite <b>Series 5-P</b> (Perforated), <b>Series 5-I</b> (Indirect)	<input type="checkbox"/>
Run length (4', 8' multiples standard)	<input type="checkbox"/>
Number of lamps in cross section (2, 3 T8, 1, 2, 3 T5, T5HO)	<input type="checkbox"/>
Circuiting ( <b>SC</b> - Single Circuit, <b>DC</b> - Dual Circuit)	<input type="checkbox"/>
Reflector system ( <b>91W</b> - 91% Reflective White, <b>EP</b> - Extended Performance, <b>SPEC</b> - Specular)	<input type="checkbox"/>
Voltage ( <b>120V</b> , <b>277V</b> , <b>347V</b> )	<input type="checkbox"/>
Mounting ( <b>AC</b> - semi-adjustable, <b>FA</b> - Fully Adjustable, <b>Stem</b> )	<input type="checkbox"/>
Endcap ( <b>FE</b> - Flat Endcap, <b>RE</b> - Rounded Endcap, <b>XE</b> - Recessed Endcap)	<input type="checkbox"/>
Ceiling Type ( <b>C1</b> - 1" T-Bar, <b>C2</b> - 9/16" T-Bar, <b>C3</b> - Slot Grid, <b>C4</b> - Hard Ceiling)	<input type="checkbox"/>
Ballast Factor (Standard <b>0.88</b> for T8 lamps, <b>1.0</b> for T5 or T5HO)	<input type="checkbox"/>

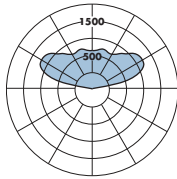
# FINELITE

## Series 5 - Technical Sheet

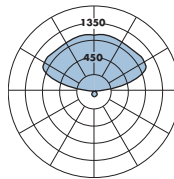
### PHOTOMETRY



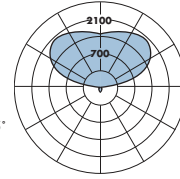
S5-P: 1 T5HO - EP  
 Distribution: 98% Up / 2% Down  
 Efficiency: 77.1%  
 Peak Candela Value: 1147@ 115°  
 LSI Report 52368



S5-P: 2 T8 - EP  
 Distribution: 92% Up / 8% Down  
 Efficiency: 78.6%  
 Peak Candela Value: 1072@ 180°  
 LSI Report 50255



S5-P: 3 T8 - EP  
 Distribution: 94% Up / 6% Down  
 Efficiency: 82.0%  
 Peak Candela Value: 1906@ 135°  
 LSI Report 46916



CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	22	22	22	22	22	
5	22	22	22	21	20	2
15	21	21	23	24	23	6
25	18	20	21	22	21	9
35	14	17	18	19	18	11
45	10	13	14	16	16	11
55	7	10	11	14	14	10
65	4	6	8	11	11	8
75	1	3	5	7	7	5
85	0	2	3	4	4	3
90	0	1	2	2	3	
95	30	172	111	83	44	131
105	142	412	717	780	765	604
115	271	458	806	1062	1147	747
125	396	482	771	990	1108	672
135	508	566	732	904	978	570
145	601	652	687	791	852	449
155	674	698	732	739	752	334
165	721	728	747	762	769	211
175	745	745	745	742	744	71
180	743	743	743	743	743	

CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	149	149	149	149	149	
5	149	149	148	148	146	14
15	139	140	142	145	144	40
25	121	125	128	132	130	59
35	98	104	107	113	112	67
45	70	78	84	93	94	65
55	43	53	64	76	78	57
65	23	31	44	58	61	43
75	10	16	27	40	43	29
85	1	8	14	23	26	16
90	0	8	15	13	23	
95	37	163	200	239	222	202
105	211	376	599	650	635	538
115	393	481	746	931	995	704
125	572	619	780	957	1030	708
135	731	769	837	948	994	661
145	864	885	914	962	988	579
155	969	979	999	1016	1015	460
165	1038	1043	1043	1049	1052	296
175	1075	1074	1069	1066	1066	102
180	1072	1072	1072	1072	1072	

CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	182	182	182	182	182	
5	182	183	182	181	178	17
15	170	173	176	180	178	50
25	148	155	159	165	162	73
35	120	131	134	143	140	84
45	86	99	104	117	116	81
55	53	68	78	93	93	70
65	28	40	52	69	71	52
75	12	21	31	47	48	34
85	2	11	17	27	28	19
90	1	7	19	17	29	
95	42	197	200	242	210	213
105	299	625	758	824	797	724
115	605	900	1261	1378	1387	1118
125	887	1139	1487	1728	1794	1272
135	1148	1343	1607	1824	1906	1217
145	1361	1495	1680	1838	1903	1042
155	1531	1603	1720	1810	1850	789
165	1640	1665	1716	1751	1776	485
175	1687	1682	1687	1682	1690	161
180	1675	1675	1675	1675	1675	

— Refer to [www.finelite.com](http://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 side of the fixture in two parallel columns.

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

Optional: Recessed Endcap (XE), die-cast aluminum Recessed Endcap with 1/8" reveal. Recessed endcap adds 1.5" each end.

Optional: Rounded Endcap (RE), injection molded sculpted endcap with 1/8" reveal. No exposed fasteners, holes or knockouts. Rounded Endcap adds 5.675" at each end.

**REFLECTORS:** Die-formed prepainted aluminum, 91% reflective white. Virgin acrylic UV-stabilized lens diffuser over perforations is standard. Options: Extended performance reflector (EP) with 95% reflective specular components; fully specular reflector system (SPEC) with specular slotted side reflectors. Optional Dust Cover for T8 lamps only. Contact factory.

**SUPPORT CABLES:** Plated steel cable and hardware.

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

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

**LAMPING:** Available in 2-or 3-lamp cross sections with T8, T5, and T5HO lamps.

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

**ELECTRICAL:** 120 or 277V prewired. Plug-together wiring standard. 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, low-profile emergency battery packs. Contact factory.

**BALLAST:** Electronic instant-start ballast <10% THD, 0.88 BF standard for T8 lamps. Electronic rapid-start ballasts <10% THD, 1.0 BF standard for T5/T5HO lamps. Optional adders: rapid-start ballasts (standard for T5/T5HO), 347V, emergency battery packs, dimming ballasts (controls by others). Requires low-profile ballasts and battery packs.

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

**WEIGHT:** Fixture weight = 2.5 lb/ft.

**LABELS:** Fixture and electrical components are ETL listed conforming to UL 1598 in the U.S.A., and Canada; ETL listed to certified CAN/CSA C22.2 No. 250.0. Fixtures will bear ETL labels.