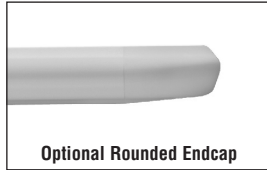
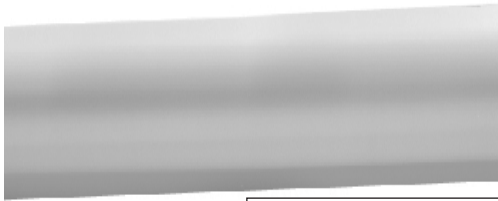


FINELITE

Series 3 Technical Sheet



DESCRIPTION

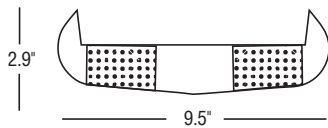
Series 3 has precision cut 0.125" perforations in the bottom of the fixture giving it approximately 95% uplight and 5% downlight. Available in one, two, or three lamp cross sections, this versatile fixture is perfect for open offices, classrooms, libraries, and conference rooms.

Date

Project

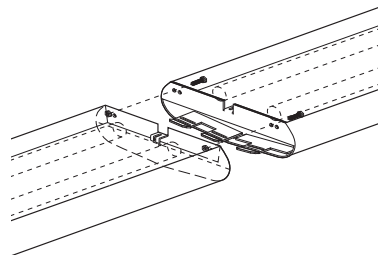
Type

Comments



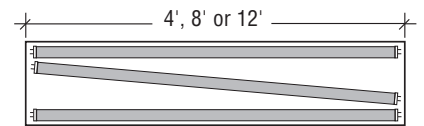
DIMENSIONS / LAMPING:

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



PRECISION JOINING:

Fixtures connect to each other with die-formed internal joiners. All hardware is located in the lamp compartment. No disassembly required.



UNIQUE ANGLED-LAMP DESIGN:

Finelite's unique, angled-lamp design reduces the labor needed to attach fixtures to support cables. Meets all lamp and socket manufacturer's specifications.

ORDERING GUIDE

Sample Number: S3 - 32' - 2T8 - SC - 91W - 277 - AC 18" - RE - C1

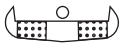


- Finelite **Series 3** _____
- Run length (4', 8', 12' multiples standard) _____
- Number of lamps in cross section (1, 2, 3 T8) _____
- Circuiting (SC-single circuit, DC-dual circuit) _____
- Reflector system (91W, EP) _____
- Voltage (120, 277, 347V) _____
- Mounting (AC, FA, Stem) _____
- Endcap FE (flat), RE (rounded) _____
- Ceiling type (C1-1" T-bar, C2-9/16" T-bar, C3-Slot Grid, C4-Hard Ceiling) _____

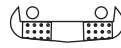
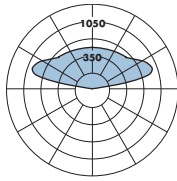
FINELITE

Series 3 Technical Sheet

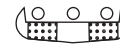
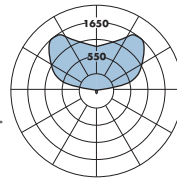
PHOTOMETRY



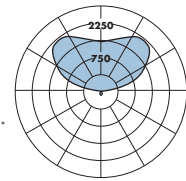
S3: 1 T8 - EP
 Distribution: 99% Up / 1% Down
 Efficiency: 86.5%
 Peak Candela Value: 552@ 155"
 LSI Report 47800



S3: 2 T8 - EP
 Distribution: 97% Up / 3% Down
 Efficiency: 92.0%
 Peak Candela Value: 1598@ 145"
 LSI Report 47706



S3: 3 T8 - EP
 Distribution: 97% Up / 3% Down
 Efficiency: 85.2%
 Peak Candela Value: 2206@ 145"
 LSI Report 47801



CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	2	2	2	2	2	
5	3	3	3	2	1	0
15	3	3	4	4	4	1
25	2	3	4	4	3	2
35	1	3	3	4	3	2
45	1	2	3	3	2	2
55	1	2	3	2	2	2
65	1	2	2	2	2	2
75	1	2	2	2	2	2
85	0	2	2	2	2	2
90	0	0	1	0	1	
95	14	138	128	99	89	136
105	85	258	522	664	705	477
115	182	266	507	692	747	478
125	276	331	443	601	667	415
135	363	398	467	530	561	359
145	436	457	497	537	552	311
155	494	505	524	544	552	242
165	534	538	543	548	551	154
175	552	556	553	549	550	53
180	553	553	553	553	553	

CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	88	88	88	88	88	
5	89	90	90	89	85	8
15	84	84	88	90	93	25
25	75	80	84	79	65	36
35	62	71	47	25	21	30
45	47	56	19	21	19	24
55	32	22	15	12	10	16
65	15	10	8	8	7	9
75	2	4	3	4	3	3
85	0	0	0	0	0	0
90	3	1	6	0	0	
95	29	210	194	221	183	214
105	179	519	706	814	806	662
115	361	790	963	1088	1145	889
125	544	894	1236	1336	1350	987
135	710	927	1351	1551	1582	959
145	848	997	1280	1517	1598	786
155	959	1049	1174	1295	1378	544
165	1034	1073	1131	1165	1193	319
175	1071	1071	1080	1076	1089	103
180	1066	1066	1066	1066	1066	

CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	120	120	120	120	120	
5	121	123	123	122	116	12
15	114	116	119	125	123	34
25	101	108	118	105	102	49
35	85	98	74	43	39	46
45	66	79	35	31	28	36
55	47	40	26	22	18	27
65	26	19	16	16	14	18
75	8	11	10	10	8	10
85	2	6	5	5	4	5
90	0	3	3	3	2	
95	49	182	167	162	144	186
105	290	698	822	872	854	778
115	593	1072	1343	1452	1465	1211
125	883	1277	1690	1869	1917	1390
135	1142	1396	1860	2108	2161	1354
145	1366	1542	1853	2122	2206	1145
155	1541	1651	1799	1941	2019	831
165	1664	1711	1782	1829	1857	501
175	1721	1730	1736	1733	1741	166
180	1724	1724	1724	1724	1724	

— 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".

ENDCAPS: Flat 18-gauge die-formed steel endcaps standard. Optional: Injection molded sculpted endcap "Georgia Gulf-8150" white special purpose PVC compound. V094 and L5 rated, UV stabilized with anti-static compound added. Subjected to test ASTM D-635, with no exposed fasteners, holes or knockouts. RE=Rounded Endcap. FE =Flat Endcap.

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

SUPPORT CABLES: Stainless steel with plated hardware.

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).

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

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

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. Fixture and electrical components are UL and C-UL listed and fixture will

bear UL and C-UL labels. Optional Adders: 347V prewired, dual circuit, emergency circuits, emergency battery packs. Contact factory.

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).

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

WEIGHT: Fixture weight = 3 lb/ft.