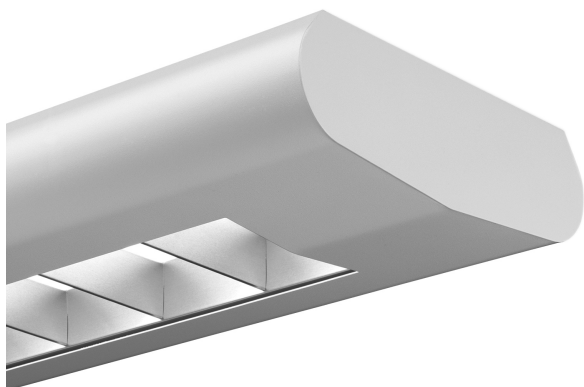


# FINELITE

## Series 10 Technical Sheet



Date

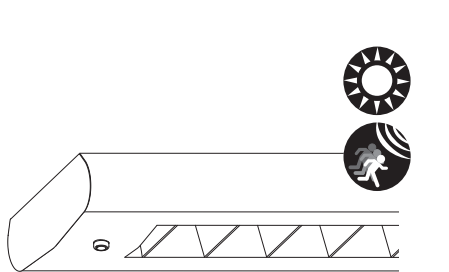
Project

Type

Comments

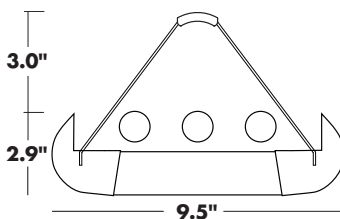
### DESCRIPTION

Series 10 is an indirect/direct luminaire with four different uplight options, five different downlight options and two reflector choices. Luminaire options include using up to three T8, T5, or T5HO lamps.



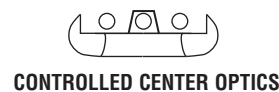
### INTEGRATED SENSORS:

Series 10 can be specified with integrated daylight or occupancy sensors.

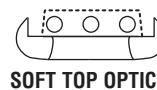


### DIMENSIONS / LAMPING:

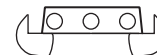
Available in 1, 2, or 3 T8, T5 or T5HO lamps.



CONTROLLED CENTER OPTICS



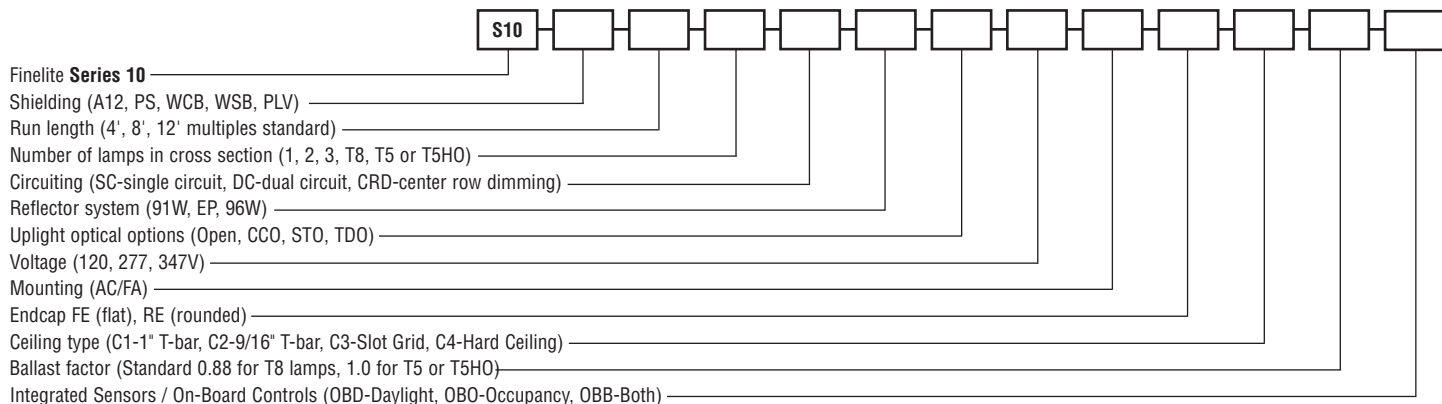
SOFT TOP OPTICS



TOTALLY DIRECT OPTICS

### ORDERING GUIDE

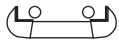
Sample Number: S10 - PLV - 32' - 3T8 - DC - 91W - CCO - 277 - FA 50" - FE - C1 - 0.88 - OBO



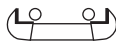
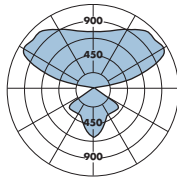
# FINELITE

## Series 10 Technical Sheet

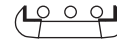
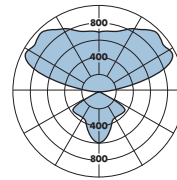
### PHOTOMETRY



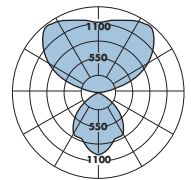
S10: 2 T8-WCB-EP-OPEN  
Efficiency: 88.4%  
Peak Candela Value: 1032@ 135°  
LSI Report: 50844



S10: 2 T8-PLV-EP-OPEN  
Efficiency: 80.7%  
Peak Candela Value: 965@ 135°  
LSI Report: 50832



S10: 3 T8-PLV-EP-OPEN  
Efficiency: 81.8%  
Peak Candela Value: 1384@ 135°  
LSI Report: 50833



CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	621	621	621	621	621	
5	615	616	608	605	599	57
15	561	553	525	508	497	149
25	485	462	411	389	381	195
35	396	357	302	339	367	217
45	299	253	263	317	377	228
55	197	167	222	316	379	218
65	97	104	142	146	138	127
75	49	50	51	56	55	56
85	11	14	14	15	14	15
90	0	0	0	0	0	
95	32	127	136	154	140	140
105	147	367	535	552	537	476
115	277	484	741	936	973	682
125	398	548	815	954	1018	677
135	507	588	811	972	1032	607
145	601	642	778	898	941	485
155	673	692	730	795	830	345
165	719	724	734	745	752	208
175	740	741	736	732	734	70
180	738	738	738	738	738	

CANDLEPOWER SUMMARY						
	0	22.5	45	67.5	90	Flux
0	574	574	574	574	574	
5	569	568	562	558	553	53
15	519	509	482	472	463	137
25	449	422	378	362	359	181
35	367	325	283	326	356	203
45	273	225	246	317	367	214
55	170	138	203	298	362	200
65	69	74	114	121	118	102
75	25	26	25	33	41	32
85	5	6	6	9	11	8
90	0	0	0	0	0	
95	41	112	118	133	117	125
105	122	331	494	517	501	436
115	226	421	670	869	908	620
125	340	486	732	876	937	613
135	444	535	746	903	965	558
145	537	585	730	850	894	452
155	612	640	689	760	799	325
165	664	673	694	709	717	196
175	689	688	691	689	691	66
180	690	690	690	690	690	

CANDLEPOWER SUMMARY						
	0	22.5	45	67.5	90	Flux
0	988	988	988	988	988	
5	978	980	974	970	965	92
15	894	892	881	884	882	250
25	779	768	754	779	798	356
35	639	619	627	726	800	421
45	479	461	544	605	648	419
55	302	304	357	407	455	321
65	119	141	155	157	158	151
75	46	47	41	56	69	54
85	7	9	10	15	17	13
90	0	0	0	0	0	
95	32	114	111	126	113	123
105	177	464	566	533	507	506
115	355	619	932	1091	1111	828
125	539	736	1067	1267	1331	894
135	715	827	1105	1308	1384	829
145	869	931	1104	1261	1321	689
155	990	1020	1082	1169	1215	506
165	1073	1081	1101	1122	1134	312
175	1114	1115	1111	1106	1109	106
180	1113	1113	1113	1113	1113	

— Refer to [www.finelite.com](http://www.finelite.com) for additional photometry and product information.

### SPECIFICATIONS

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

**ENDCAPS:** Flat Endcap (FE) standard, 18-gauge die-formed steel endcaps, adds 0.1" at each end. Optional: Rounded Endcap (RE), injection molded sculpted endcap with 0.100" reveal. No exposed fasteners, holes or knock-outs. Rounded Endcap adds 5.125" at each end.

**REFLECTORS:** Standard 91% reflective white (91W) side reflectors. Optional: Extended Performance specular (EP) side reflectors. 96% reflective white side reflectors (96W).

#### UPLIGHT OPTICAL OPTIONS:

- Open No uplight optical control.
- CCO Controlled Center Optics, covers center lamp, 95% downlight (center only);
- STO Soft Top Optics, 0.063" perforations cover the top surface;
- TDO Totally Direct Optics, solid top above lamps, 0/100.

#### DOWNLIGHT SHIELDING OPTIONS:

- A12 A12 Diffuser lens, acrylic UV stabilized, 0.100" thick;
- PS Perf Shield, white, curved shield with 0.063" perforations covering the surface;
- WCB White Cross Blade Baffle, white cross blades

- 3.0" apart;
- WSB White Straight Blade Baffle, white blades 3.0" apart;
- PLV Parabolic Louver, semi-specular louvers 3.0" apart;

**ACCESSORIES:** Optional Lamp Guard, 063 clear acrylic, UV stabilized; Optional Dust Cover, clear acrylic. NOTE: Will significantly impact light level performance.

**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.

**INTEGRATED SENSORS:** Series 10 can be specified with integrated sensors from Wattstopper, Philips, and Lutron. **Daylight Sensors:** Wattstopper sensors can be supplied with either a closed loop 0-10v dimming (handheld remote supplied) or closed loop single zone switching system. The Lutron sensor is directional and for use with Ecosystem ballasts. The Philips sensor is a closed loop 0-10v sensor for use with Advance Mark 7 ballasts. **Occupancy Sensor:** Wattstopper occupancy sensor is a PIR sensor with additional hold-off daylight feature.

**LAMPING:** 1, 2, or 3 lamp cross sections with T8 or T5/T5HO lamps. Lamp diffuser included with T5HO lamps.

**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). Contact factory for multiple ballast factors in one luminaire.

**MOUNTING OPTIONS:** Standard semi-adjustable aircraft cable (AC) (±0.5") in lengths of 12", 15", 18", 21", 24", 27", 30", 36". Mounting connects to fixture with factory-installed Level and Lock Assembly™ – which allows side-to-side fixture leveling and locks it into place. Optional Adders: fully adjustable aircraft cable (FA) in lengths up to 250".

**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.

**FINISHES:** Finelite Signal White standard. 185 colors available from Tiger Drylac's RAL color chart for a nominal adder.

**LENGTHS:** 4', 8', 12' section lengths can be combined to make longer runs. Contact factory for additional lengths. Optional Rounded Endcap (RE) adds 5.125" to each end.

**WEIGHT:** Fixture weight = 3 lb/ft.

**WALL MOUNT:** Complementary wall mount available.