

F500 CLASS

Specification Sheet

F500 Class Linear



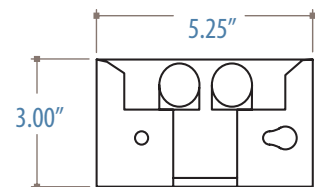
Description

The F500 Class is a low-profile suspended direct/indirect luminaire. Available in one or two T8/T5/T5 HO lamp versions. The F500 fixture is available with lens or a solid body feature. Configured in either individual or continuous runs, the F500 Class is designed for open offices, private offices, educational facilities, retail or other space where efficient and functional suspended fixtures are specified.

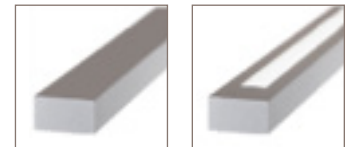
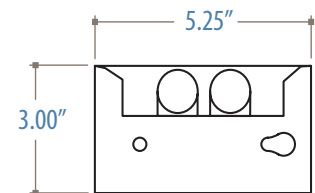
Product Line Specifications

- Construction:** Housing is 20 gauge CRS.
- Lengths:** 4' and 8' for continuous runs.
- End Caps:** Flat ends cap provides a clean finish.
- Reflectors:** Die-formed high reflective white CRS.
- Electrical:** Fixtures are UL/CUL listed.
- Circuit Options:** Single circuit, Dual circuit and Emergency circuit.
- Voltage:** 120V, 277V, 347V.
- Lamps:** Available in T5 or T8 up to 2 lamps
- Finish:** Durable, low gloss, textured white, powder coated finish. Custom colors available.
- Mounting:** Aircraft grade cable with fully adjustable Yoke mount.
- Ceiling Type:** 15/16" T-bar, 9/16" T-bar, Slot T, or Hard Ceiling mounting kits available.
- Shielding:** Louvers are available in semi-specular aluminum parabolic and optional opal diffuser. Opal diffusers are available as an option.

Frosted Acrylic Lens



Solid Body



F520 Indirect

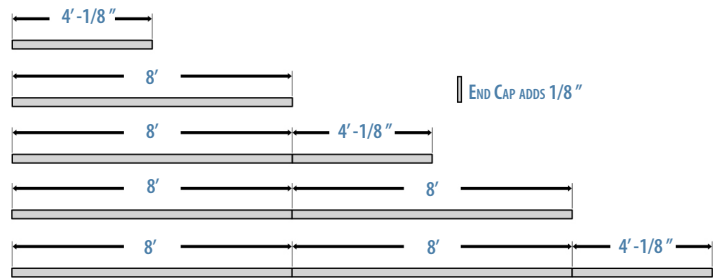
F550 Lens

Fixture Ordering Example:
F550-4-2-54-120-WHR-SB-S-NOL-WHT

Fixture Series	Fixture Length	Lamp Cross Section	Lamp Wattage	Voltage	Reflector	Ballast Type	Emergency Type	Switching	Lamp Color	Fixture Finish	Options
F520	4'	1	32= 32T5	120	WHR - Standard	SB- T5 Instant Start (<10% TH0)	Blank - (None)	S - Single Circuit	NOL - (Without Lamps)	WHT	Blank - (None)
F550	8'	2	28= 28T5	277	SPR - Specular	SP - T8 Programmed Rapid Start	EC - Emergency Circuit	D - Dual Circuit	LS30 - (3000K CRI ECO)		DC - Dust Cover
		3	54= 54T5HO	Mvolt= (120/277)		SD1 - T5 Dimming (line)	EB" - Emergency Battery Pack		LS35 - (3500K CRI ECO)		FF - Fast Blow Fuse
				347		SD2 - T5 Dimming (0% - 10%)	EHF - Emergency Through		LS41- (4100K CRI ECO)		FS - Slow Blow Fuse
						SD3 - T5 Dimming (Step)	Wiring (v./ Separate Feed)				NY - 14ga. Harness
						SH- T5 High Output	Wiring, Single Feed (Shared)				
						SD5 - T5 Programmed Rapid Start	Neutral				
						SD50 - T5HO Programmed Rapid Start					
						SD51- T5 Dimming (line)	"Standard Output= 1100 lumen.				
						SD52 - T5 Dimming (0% - 10%)	Consult Factory for other lumen				
						SD53- T5 Dimming (Step)	options. EB not available in 347v.				
						SD501 - T5HO Dimming (line)					
						SD502 - T5HO Dimming (0% - 10%)					
						SD503 - T5HO Dimming (Step)					

WALL MOUNT- Companion Wall Mount fixture available

END CAP KIT:- 500-WHT (One kit required per fixture run)



Hardware Ordering Example: SCF-Y-15C-FA-36

Prefix	Fixture Attachment	Ceiling Attachment	Suspension Type	Suspension Length
SCF - Single Circuit Feed	Y - Two Point	HC - Hard Ceiling	FA - Fully Adjustable	18 - (24" Adjustable Cable)
DCF - Dual Circuit Feed	S - Stem Mount	SC - Screw Slot Clip		24 - (30" Adjustable Cable)
ECF - Emergency Circuit Feed	(Consult Factory)	15C - 15/ 16" Tee Clip		36 - (42" Adjustable Cable)
NF - Non Power Feed		9C - 9/ 16" Tee Clip		72 - (78" Adjustable Cable)
				144 - (150" Adjustable Cable)

Aircraft Cable Hanging Kits Options:

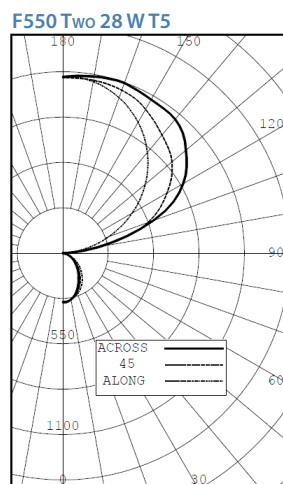
- Dual-point (Yoke) connection to the fixture
- Adjustable length cable
- Single or double feed, or non-feed connection
- Straight white cords
- Hard ceiling j-box bracket OR clips for wide (15/16"), narrow (9/16") or screw slot tees

Each kit comes with:

- Support clip for T-bars, OR strap for J-box, with threaded stud for cable connection
- One 5" white canopy and one 2" white canopy (hard ceiling kits have two 5" canopies)
- Aircraft cable
- Feed cord (except non-feed hangers)
- Fixture attachment hardware

Performance Optics

The F500 Class uses optic designs and current ballast technology to efficiently illuminate spaces and reduce energy consumption.



ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0 - 30	211	4.07	4.63
0 - 40	327	6.29	7.16
0 - 60	521	10.02	11.41
0 - 90	621	11.94	13.60
40 - 90	294	5.65	6.43
60 - 90	100	1.92	2.19
90 - 180	3946	75.89	86.40
0 - 180	4567	87.83	100.00

INTENSITY(CANDLEPOWER) SUMMARY

ANGLE	OUTPUT LUMENS				
	ALONG	22.5	45	67.5	ACROSS
0	297	297	297	297	297
5	294	294	294	295	298
15	277	276	272	269	269
25	247	243	233	222	219
35	206	200	183	172	168
45	159	152	136	126	123
55	113	106	96	88	86
65	71	66	60	56	54
75	33	32	29	28	26
85	5	6	7	6	6
90	0	0	0	0	0
95	37	95	73	59	54
105	206	351	416	402	398
115	396	531	651	720	741
125	573	664	807	881	916
135	730	801	904	994	1030
145	861	911	972	1032	1070
155	963	992	1036	1062	1085
165	1035	1044	1061	1077	1095
175	1071	1068	1065	1065	1079
180	1068	1068	1068	1068	1068



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