

F400 CLASS

Specification Sheet

F400 Class Linear

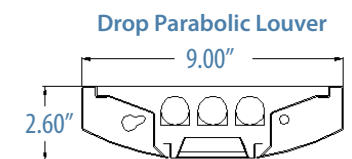
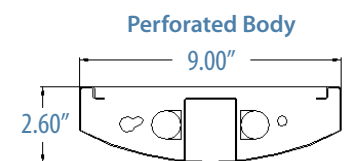
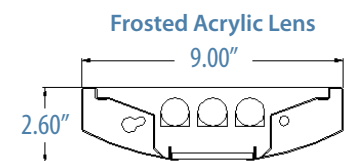


Description

The F400 Class is a low-profile suspended direct/indirect luminaire. The F400 fixture is available with lens, flush baffle, perforation, or a solid body feature. Configured in either individual or continuous runs, the F400 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 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.



F420
Indirect

F445
Flush Baffle

F430
Perf

F450
Lens

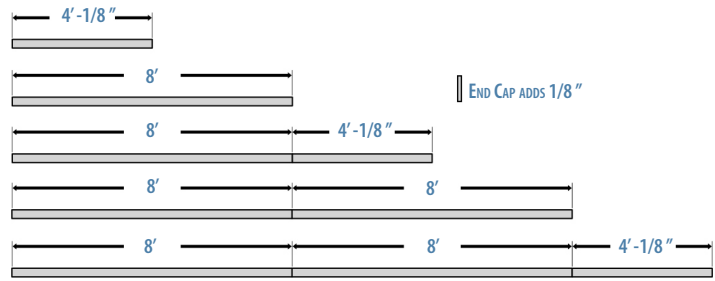
Fixture Ordering Example:

F445-4-3-32-120-WHR-SSB-SB-S-NOL-WHT

Fixture Series	Fixture Length	Lamp Cross Section (F430 is 2 only)	Lamp Wattage	Voltage	Reflector	Baffle	Shielding	Ballast Type	Emergency Type	Switching	Lamp Color	Fixture Finish	Options
F420	4'	1	32= 32T8	120	WHR - Standard	SSB - Specular	Blank - (None)	SB - T8 Instant Start (< 10% THD)	Blank - (None)	S - Single Circuit	NOL - (Without Lamps)	WHT	Blank - (None)
F430	8'	2	28= 28T5	277	SPR - Specular	WHB-White	OPL - Opal Diffuser	SP - T8 Programmed Rapid Start	EC - Emergency Circuit	D - Dual Circuit	L830 - (3000K CRI ECO)		DC - Dust Cover
F445		3	54= 54T5HO	Mvolt=(120/277)				SD1 - T8 Dimming (Line)	EB* -Emergency Battery Pack		L835 - (3500K CRI ECO)		FF - Fast Blow Fuse
F450				347				SD2 - T8 Dimming (0% - 10%)	EHF - Emergency Through		L841- (4100K CRI ECO)		FS - Slow Blow Fuse
								SD3 - T8 Dimming (Step)	Wiring (w/ Separate Feed)				NY - 14ga. Harness
								SH - T8 High Output	Wiring, Single Feed (Shared Neutral)				
								SD5 - T5 Programmed Rapid Start					
								SD50 - T5HO Programmed Rapid Start					
								SD51 - T5 Dimming (Line)	*Standard Output = 1100 lumen. Consult Factory for other lumen options. EB available in 347v.				
								SD52 - T5 Dimming (0% - 10%)					
								SD53 - T5 Dimming (Step)					
								SD501 - T5HO Dimming (Line)					
								SD502 - T5HO Dimming (0% - 10%)					
								SD503 - T5HO Dimming (Step)					

WALL MOUNT- Companion Wall Mount fixture available

END CAP KIT-: 400-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:

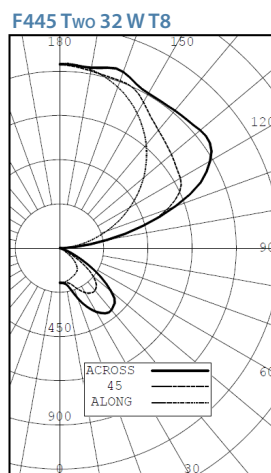
- Dual-point (Yoke) connection to the fixture
- Adjustable length cable
- Single or double feed, or non-feed connection
- Straight white cords
- Hard ceiling j-box bracket OR clips for wide (15/16"), narrow (9/16") or screw slot tees

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 F400 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	183	3.21	4.20
0 - 40	355	6.23	8.14
0 - 60	693	12.15	15.87
0 - 90	747	13.11	17.13
40 - 90	392	6.88	8.99
60 - 90	55	0.96	1.26
90 - 180	3617	63.46	82.87
0 - 180	4364	76.57	100.00

INTENSITY(CANDLEPOWER) SUMMARY

ANGLE	OUTPUT LUMENS				
	ALONG	22.5	45	67.5	ACROSS
0	177	177	177	177	177
5	177	177	178	179	179
15	170	174	185	205	216
25	160	174	235	302	330
35	150	185	280	363	406
45	123	171	266	342	397
55	64	94	162	219	257
65	10	14	30	69	93
75	3	3	4	6	9
85	2	2	3	3	2
90	1	2	4	5	6
95	35	100	91	81	79
105	176	359	442	440	439
115	336	449	675	769	794
125	489	550	725	883	935
135	627	681	762	874	921
145	743	780	814	874	908
155	835	844	897	911	923
165	902	898	909	932	951
175	938	934	928	926	934
180	936	936	936	936	936



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Compliant to UL 1598