

**1 or 2 Lamp
CF TT5
Surface Direct/Indirect**

APPLICATION

- Architectural surface mounted luminaire for direct/indirect lighting for a glare-free illumination.
- For applications where plenum depth is limited.
- Inset frame design creates a floating appearance.

CONSTRUCTION/FINISH

- No visible welding, screws, latches, springs, hooks, rivets or plastic supports.
- Soft white baked enamel finish.
- Easy ballast access through lamp compartment.
- 3/4" frame and slim 2-5/16" housing provide the perception of a very low profile luminaire.

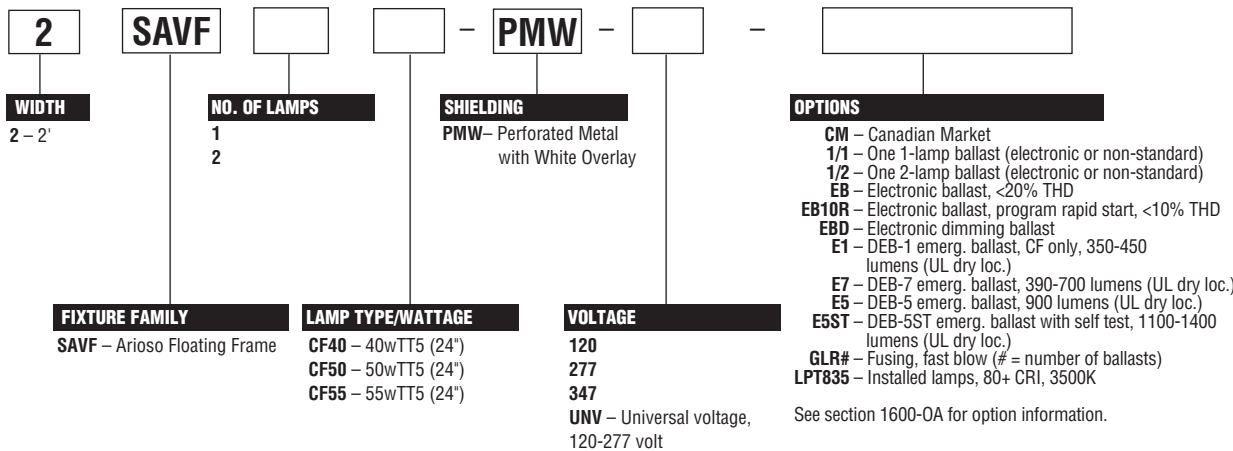
- Class P, HPF ballasts comply with ©Federal Ballast Law (Public Law 100-357,1988).
- UL listed for damp locations. C.S.A. certified optional.
- Self-contained fluorescent emergency power pack can be incorporated.

ENCLOSURES

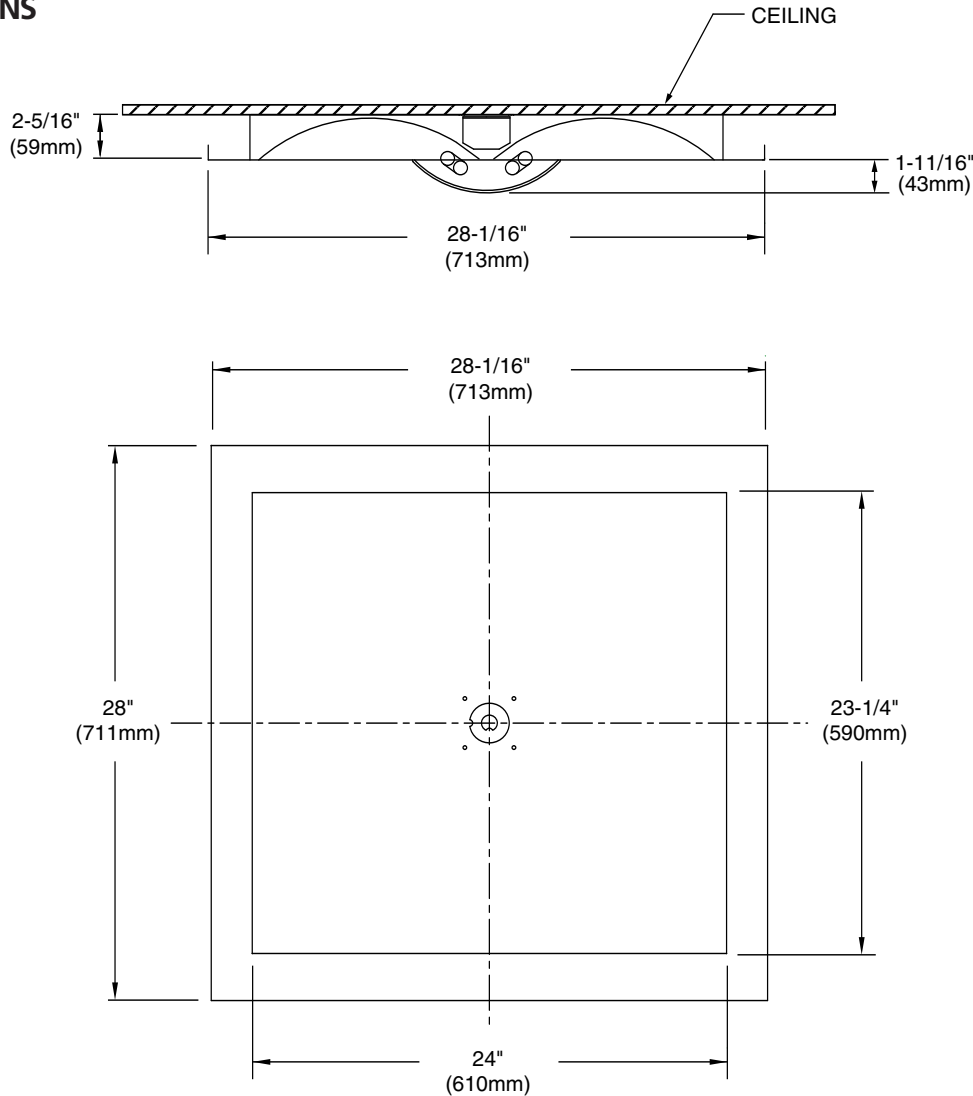
- Micro-perforated mesh lamp shields with narrow gap between provide soft awareness of light source.
- Soft white overlay on inside of micro-perforated mesh conceals lamp image and balances between reflected and direct light.
- Swing down lamp shields for easy relamping.

ELECTRICAL

CATALOG NUMBER



DIMENSIONS



PHOTOMETRIC DATA

CATALOG # 2SAVF2CF40-PMW-1/2-EB LAMPS = 40wT5 INPUT WATTS = 66
 TEST #26743 S/MH= 1.5 BALLAST = ELECTRONIC BALLAST FACTOR = .88

LER = 49

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$4.90 BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY = 57.8%

CANDLEPOWER				
Angle	End	45	Cross	
0	949	949	949	
5	951	979	995	
10	938	1002	1022	
15	914	1002	1041	
20	880	997	1032	
25	840	978	966	
30	788	922	903	
35	730	845	906	
40	665	774	897	
45	592	755	856	
50	518	718	807	
55	442	653	767	
60	367	595	724	
65	296	542	683	
70	229	490	624	
75	164	427	557	
80	103	353	490	
85	47	230	296	

MAINTAINED ILLUMINATION TABLE- Square Feet/Fixture*

- 80-50-20 Reflectances (Ceiling-Wall-Floor)
- LLF = 0.75 3150 Lumens/Lamp very clean
- Room width divided by room height = 5 or more, 2 or 1

Fixture Size & # of Lamps	Room Width Room Height =	Approx. Area (sq. ft.) per Fixture				
		10 ft-c	30 ft-c	50 ft-c	70 ft-c	100 ft-c
2' X 2' 2 Lamp CF40	5 2 1	- - 127	91 59 42	55 35 -	39 - -	- - -

*Observe Fixture S/MH Requirements for Specific Applications

AVERAGE LUMINANCE CD/SQ.M WITH 3150 LUMEN LAMPS

ANGLE	END	45°	CROSS
45	2255	2806	3261
55	2023	2888	3511
65	1764	3076	4071
75	1464	3529	4973
85	890	3704	5605

TYPICAL V.C.P.'s

Room Size	Mounting Height			
	Lengthwise		Crosswise	
	8.5	10	8.5	10
30x30	40	48	30	38
40x40	35	40	26	31
60x30	39	46	34	41
60x60	32	35	23	26
100x100	31	32	23	24

COEFFICIENT OF UTILIZATION

p/c pcc pw RCR	20			70			50		
	70	50	30	70	50	30	50	30	
0	68	68	68	67	67	67	64	64	
1	60	57	55	59	56	54	54	52	
2	55	50	45	53	47	44	46	42	
3	50	42	38	47	41	36	40	35	
4	45	38	32	44	36	32	34	30	
5	41	33	28	40	33	27	32	27	
6	38	29	23	36	28	23	28	23	
7	34	27	22	34	27	22	26	20	
8	33	25	19	32	23	19	23	19	
9	30	23	17	29	22	17	22	17	
10	28	20	16	28	20	16	20	16	

LIGHT DISTRIBUTION

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	810	12.9	22.2
0-40	1343	21.3	36.9
0-60	2494	39.6	68.5
0-90	3643	57.8	100.0

LLF = .75 LLF = LIGHT LOSS FACTOR LLF = LDD X LLD X BF LDD = VERY CLEAN 0.94 CLEAN 0.90
 LLD = 0.90 @ 40% RATED LAMP LIFE BF = .88 ELECTRONIC BALLAST & TTS LAMP (RELAMP AT 70% LAMP LIFE)

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 DB 07-07
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