

**2, 3, or 4 Lamp
T5, T5HO, or 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.
- Easy installation – body mounts to ceiling, and frame snaps into place.
- Style matched to Arioso semi-recessed.

CONSTRUCTION/FINISH

- No visible welding, screws, latches, springs, hooks, rivets or plastic supports.
- Soft white baked enamel finish.
- Easy ballast access through removable back reflector.
- Slim 2-1/4" housing provides the perception of a very low profile luminaire.

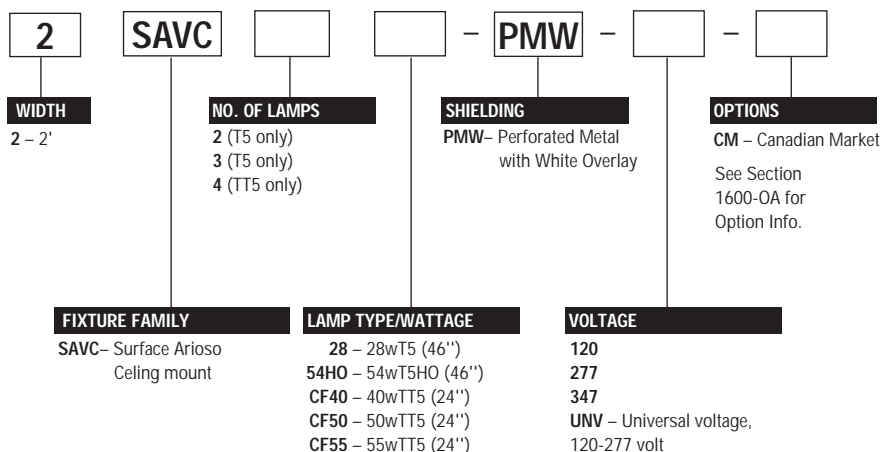
ELECTRICAL

- 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 shield provides soft awareness of light source.
- Swing down lamp shield for easy relamping.
- Soft white overlay on inside of micro-perforated mesh conceals lamp image and balances reflected and direct light.

CATALOG NUMBER

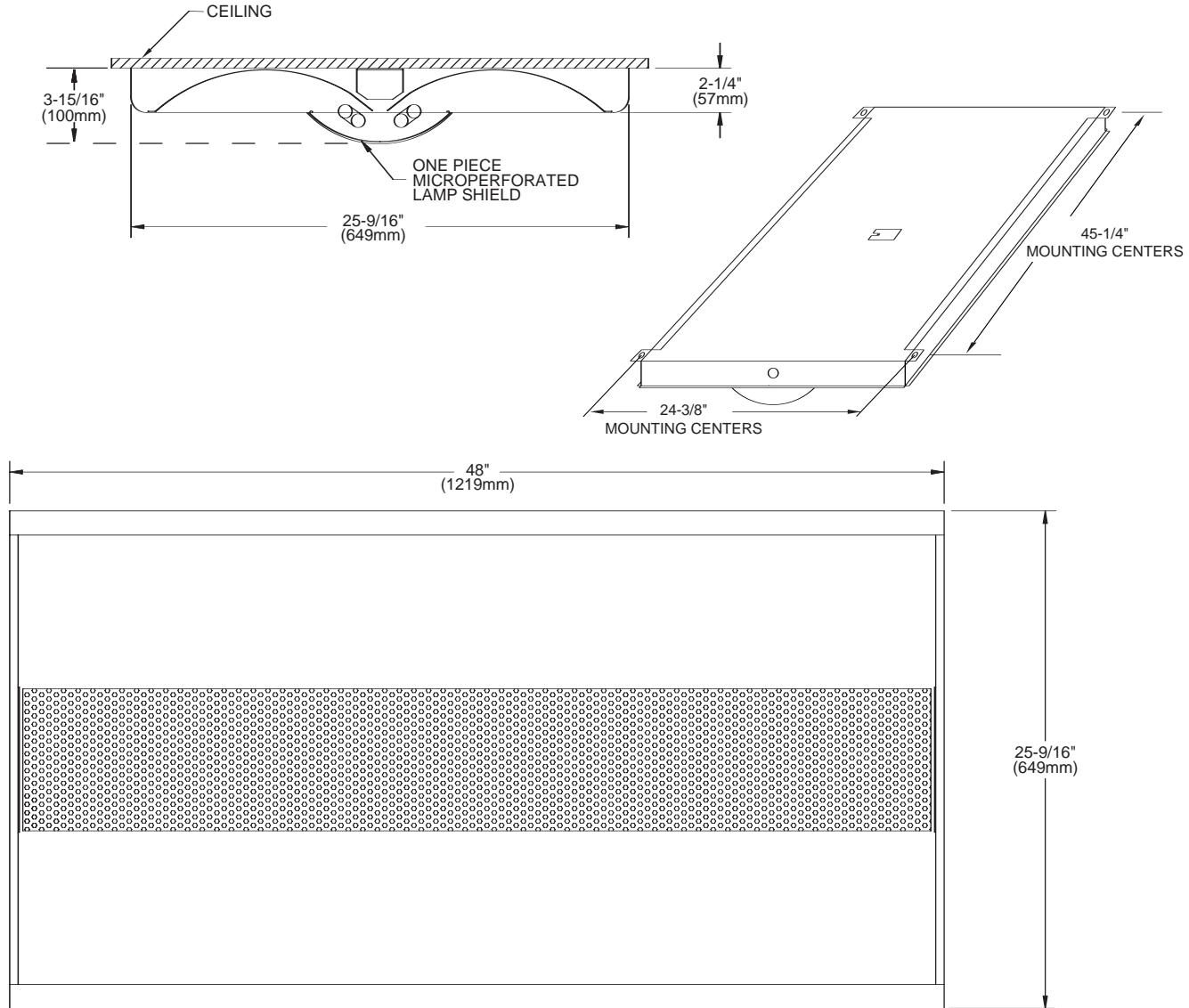


NOTES:

- With generic Electronic Ballasts (Brand selected by Day-Brite)
Suffix Catalog # with- **Ballast Quantity** - / - **EB Lamps Per Ballast**.

Example: -1/2-EB = One 2 Lamp Electronic Ballast.

DIMENSIONS



PHOTOMETRIC DATA

CATALOG # 2SAVC4CF40-PMW-1/2-EB LAMPS = 40wT5

INPUT WATTS = 130

LER = 56

TEST #F23877 SMH= 1.3

BALLAST = ELECTRONIC

BALLAST FACTOR = .88

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$4.29 BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY= 66.2%

CANDLEPOWER				
Angle	End	45	Cross	
0	2524	2524	2524	
5	2530	2514	2504	
10	2492	2484	2479	
15	2434	2439	2439	
20	2349	2372	2390	
25	2241	2283	2317	
30	2116	2176	2233	
35	1966	2059	2131	
40	1798	1920	2020	
45	1610	1770	1899	
50	1407	1617	1770	
55	1178	1450	1638	
60	947	1291	1513	
65	723	1134	1394	
70	525	997	1280	
75	353	877	1110	
80	203	715	963	
85	83	523	695	

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 4'	5	-	-	125	89	63
4 Lamp	2	-	138	83	59	41
	1	-	100	60	43	-

*Observe Fixture S/MH Requirements for Specific Applications

AVERAGE LUMINANCE CD/SQ.M WITH 3150 LUMEN LAMPS

ANGLE	END	45°	CROSS
45	3230	3551	3810
55	2914	3587	4052
65	2427	3807	4680
75	1935	4807	6085
85	1351	8514	11314

TYPICAL V.C.P.'s

Room Size	Mounting Height			
	Lengthwise	Crosswise	8.5	10
30x30	38	46	26	35
40x40	32	38	21	27
60x30	36	43	30	38
60x60	28	32	17	21
100x100	25	27	14	16

COEFFICIENT OF UTILIZATION

pfc pcc pw RCR	20			70			50		
	70	50	30	70	50	30	50	30	30
0	79	79	79	77	77	77	72	72	72
1	69	67	63	68	65	61	61	59	59
2	63	56	52	61	56	51	54	50	46
3	57	50	44	56	48	42	46	41	36
4	53	44	38	51	42	36	40	35	30
5	47	39	33	46	38	32	36	32	27
6	44	34	28	42	34	28	33	28	23
7	40	32	26	40	30	25	29	25	20
8	38	28	23	36	28	23	28	23	18
9	35	27	20	34	26	20	25	20	15
10	34	25	19	33	23	19	23	19	14

LIGHT DISTRIBUTION

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1979	15.7	23.7
0-40	3263	25.9	39.2
0-60	5904	46.9	70.8
0-90	8331	66.1	99.9
90-180	4	0.0	0.1
0-180	8335	66.2	100.0

LLF = .75 LLF - LIGHT LOSS FACTOR LLD = LDD X LLD X BF LDD - VERY CLEAN 0.94 CLEAN 0.90
 LLD = 0.90 @ 40% RATED LAMP LIFE BF = .88 ELECTRONIC BALLAST & 40wT5 LAMP (RELAMP AT 70% LAMP LIFE)

0457-AR

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