

1', 2', or 4'
2 or 4 Lamp
T5, T5HO, T8, or CF TT5
Wall/Ceiling

APPLICATION

- Architectural surface mounted luminaire for direct/indirect lighting for glare-free illumination.
- Can be wall or ceiling mounted.
- One-piece body for easy installation.
- Ideal for lighting corridors, hallways, or for adding architectural detail to bare walls.
- 4" deep, meets ADA when wall mounted.

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.
- Can be mounted to 4" octagonal junction box or surface mounted.

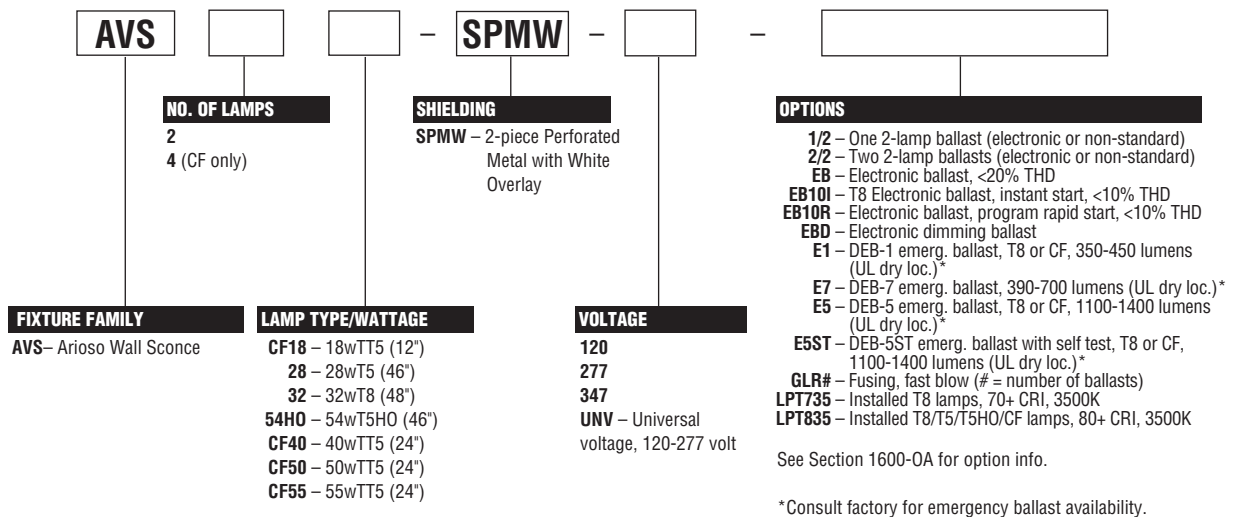
ELECTRICAL

- Not suitable for through wiring.
- 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

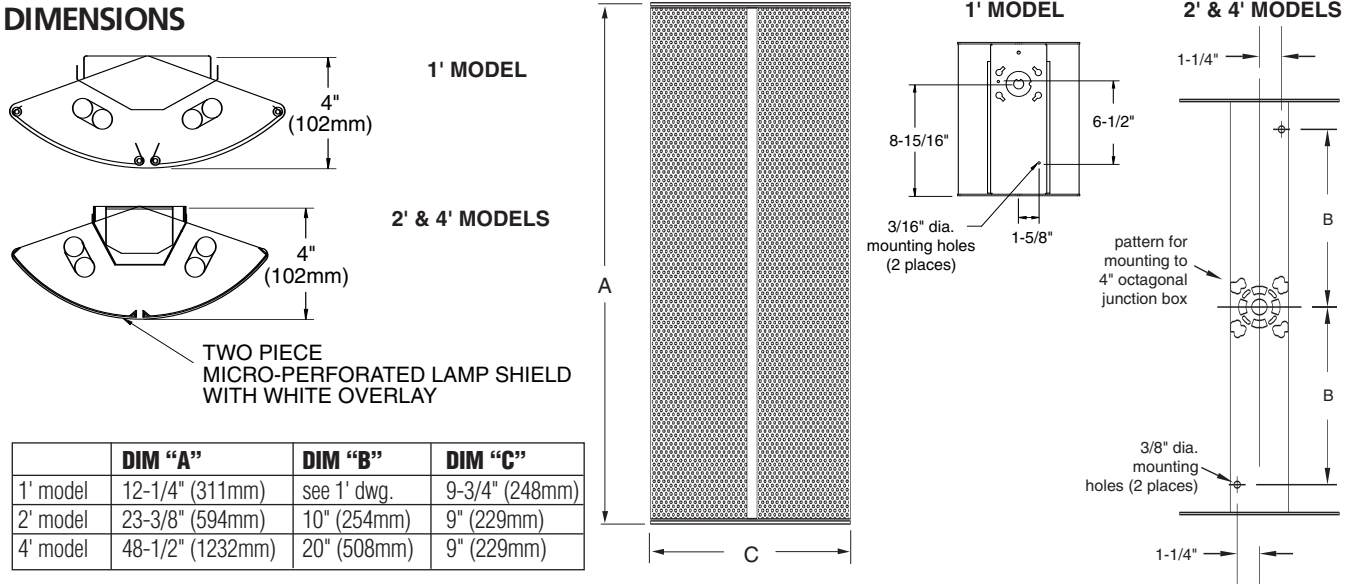
- Micro-perforated mesh lamp shields with narrow slot between provide soft awareness of light source.
- Swing out lamp shields for easy relamping.
- Soft white overlay on inside of micro-perforated mesh conceals lamp image and balances reflected and direct light.

CATALOG NUMBER



Size	Lamps/ Cross Section	Lamps/ Luminaire	Lamp Type
1'	2	2	CF18
2'	2	2	CF40, CF50, CF55
4'	2	2	28, 32, 54HO
	2	4	CF40, CF50, CF55

DIMENSIONS



	DIM "A"	DIM "B"	DIM "C"
1' model	12-1/4" (311mm)	see 1' dwg.	9-3/4" (248mm)
2' model	23-3/8" (594mm)	10" (254mm)	9" (229mm)
4' model	48-1/2" (1232mm)	20" (508mm)	9" (229mm)

PHOTOMETRIC DATA

CATALOG # AVS2CF18-SPMW-1/2-EB
TEST #267941 S/MH = 1.3

LAMPS = 18wT5
BALLAST = ELECTRONIC

INPUT WATTS = 42
BALLAST FACTOR = .98

LER = 36

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$6.67 BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY = 64.5%

CANDLEPOWER			
Angle	End	45	Cross
0	95	95	95
5	76	83	99
15	41	55	95
25	49	40	88
35	64	44	77
45	90	52	63
55	112	62	48
65	131	70	29
75	133	75	12
85	137	74	3
95	132	71	3
105	130	76	11
115	118	64	29
125	95	54	45
135	71	46	71
145	53	40	89
155	40	49	93
165	64	67	94
175	85	81	98

AVERAGE LUMINANCE CD/SQ.M WITH 1200 LUMEN LAMPS			
ANGLE	END	45°	CROSS
45	1395	4778	939
55	1994	6883	811
65	2838	9122	587
75	3830	14178	314
85	6159	42105	116

COEFFICIENT OF UTILIZATION						
pfc	20		70		50	
	80	70	50	30	50	30
pcc	70	50	30	70	50	30
RCR	70	50	30	70	50	30
0	68	68	68	64	64	64
1	59	56	53	55	52	47
2	54	47	42	48	44	39
3	47	40	34	44	36	32
4	44	35	29	40	33	27
5	40	30	25	35	28	23
6	36	28	22	33	26	20
7	34	25	19	30	23	17
8	30	23	17	28	20	16
9	28	20	14	26	19	14
10	27	19	14	25	17	13

LIGHT DISTRIBUTION			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	90	3.7	5.8
0-40	160	6.7	10.3
0-60	371	15.5	24.0
0-90	767	32.0	49.5
90-180	781	32.6	50.5
0-180	1549	64.5	100.0

PHOTOMETRIC DATA

CATALOG # AVS2CF40-SPMW-1/2-EB
TEST #268061 S/MH = 1.3

LAMPS = 40wT5
BALLAST = ELECTRONIC

INPUT WATTS = 68
BALLAST FACTOR = .88

LER = 63

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$3.81 BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY = 77.7%

CANDLEPOWER			
Angle	End	45	Cross
0	155	155	155
5	95	128	170
15	118	117	162
25	138	121	145
35	175	139	123
45	212	154	94
55	259	164	66
65	292	185	40
75	308	190	21
85	289	179	6
95	295	187	3
105	306	182	20
115	291	167	41
125	251	146	68
135	210	126	96
145	171	115	121
155	135	110	143
165	113	127	161
175	100	130	169

AVERAGE LUMINANCE CD/SQ.M WITH 3150 LUMEN LAMPS			
ANGLE	END	45°	CROSS
45	1986	7921	747
55	2850	11162	584
65	4043	15804	413
75	5993	30117	271
85	9968	107823	107

COEFFICIENT OF UTILIZATION						
pfc	20		70		50	
	80	70	50	30	50	30
pcc	70	50	30	70	50	30
RCR	70	50	30	70	50	30
0	82	82	82	77	77	64
1	71	67	61	66	60	51
2	64	56	50	57	52	46
3	57	47	40	52	44	38
4	52	41	34	46	38	30
5	47	36	29	42	34	27
6	44	33	26	40	29	23
7	40	29	23	35	27	22
8	36	27	20	34	23	17
9	34	23	17	30	22	16
10	32	22	16	28	20	14

LIGHT DISTRIBUTION			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	234	3.7	4.8
0-40	447	7.1	9.1
0-60	1058	16.8	21.6
0-90	2398	38.1	49.0
90-180	2499	39.7	51.0
0-180	4897	77.7	100.0