

13-3/8"

2 Lamp

CF18

Wall/Ceiling

APPLICATION

- Architectural surface mounted luminaire for direct/indirect lighting for glare free illumination.
- Can be wall or ceiling mounted.
- Ideal for lighting corridors, hallways, or for adding architectural detail to bare walls.
- Complements the recessed Ariosso models.
- 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.

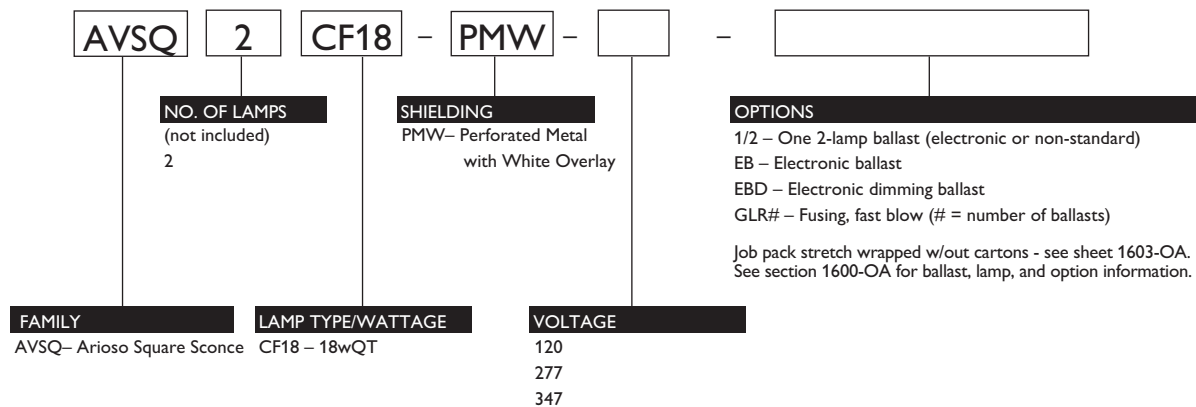
ELECTRICAL

- 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.

ENCLOSURES

- Micro-perforated mesh lamp shield provides soft awareness of light source.
- Perforated lamp shield slides over two mounting pins and utilizes two screws to secure.
- Soft white overlay on inside of micro-perforated mesh conceals lamp image and balances reflected and direct light.

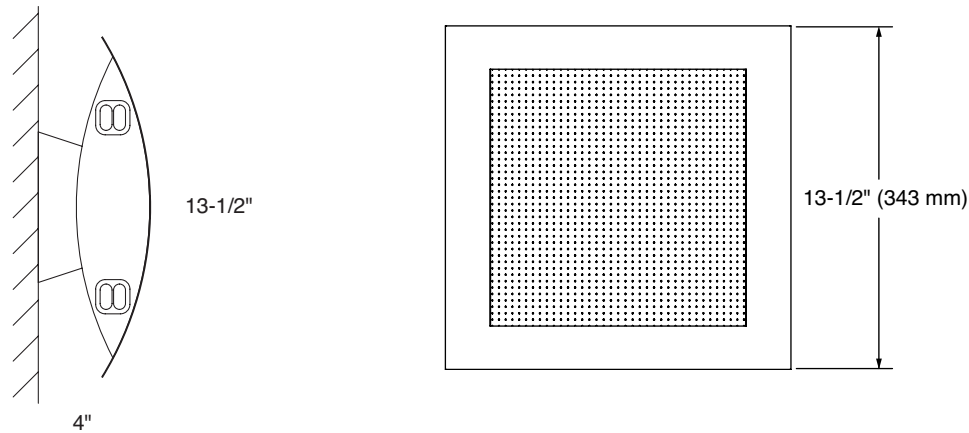
CATALOG NUMBER



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

JOB INFORMATION

DIMENSIONS



PHOTOMETRIC DATA

CATALOG # AVSQ2CF18-PMW-1/2-EB
TEST #25197 S/MH = 1.2

LAMPS = CF18

INPUT WATTS = 34

BALLAST = ELECTRONIC BALLAST FACTOR = .98

LER = 19

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$12.63 BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY= 27.0%

CANDLEPOWER				
Angle	End	45	Cross	
0	10	10	10	
5	15	12	9	
15	29	20	9	
25	54	29	8	
35	79	42	8	
45	104	55	7	
55	125	66	6	
65	140	75	5	
75	148	79	5	
85	151	80	4	
95	146	76	5	
105	136	69	7	
115	119	58	7	
125	97	44	8	
135	69	30	9	
145	41	17	8	
155	7	5	6	
165	0	2	5	
175	4	2	5	

MAINTAINED ILLUMINATION TABLE- Square Feet/ Fixture*

- 80-50-20 Reflectances (Ceiling-Wall-Floor)
- LLF = 0.79 1250 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 Lamp CF18	5	45	-	-	-	-
	2	-	-	-	-	-
	1	-	-	-	-	-

*Observe Fixture S/MH Requirements for Specific Applications

AVERAGE LUMINANCE CD/SQ.M WITH 1250 LUMEN LAMPS

ANGLE	END	45°	CROSS
45	11999	19151	154
55	14644	24748	117
65	17188	34746	90
75	19716	61148	86
85	22741	183459	68

LLF = .79 LLF = LIGHT LOSS FACTOR LLF = LDD X LLD X BF LDD = VERY CLEAN 0.94 CLEAN 0.90
LLD = 0.86 @ 40% RATED LAMP LIFE BF = .98 ELECTRONIC BALLAST & CF18 LAMP (RELAMP AT 70% LAMP LIFE)

COEFFICIENT OF UTILIZATION

pfc pcc pw RCR	20			70			50		
	70	50	30	70	50	30	70	50	30
0	28	28	28	27	27	27	22	22	22
1	25	23	20	23	20	20	17	16	16
2	22	19	17	20	17	14	14	13	13
3	20	16	14	17	14	13	11	10	10
4	17	14	11	16	13	10	10	8	8
5	16	11	10	14	11	8	8	7	7
6	14	11	8	13	10	8	8	5	5
7	14	10	7	11	8	7	7	5	5
8	11	8	5	11	8	5	7	5	5
9	11	8	5	11	7	5	5	4	4
10	11	7	5	10	7	5	5	4	4

LIGHT DISTRIBUTION

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	15	0.6	2.2
0-40	36	1.4	5.3
0-60	126	5.0	18.7
0-90	338	13.5	50.1
90-180	336	13.4	49.9
0-180	674	27.0	100.0



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