

1' x 2' or 1' x 4'
1 or 2 Lamp
CFTT5, T5, T5HO, or T8
Recessed Direct/Indirect

APPLICATION

- Recessed, asymmetric lighting ideal for wall washing applications.
- May be used as companion luminaire to the other Arioso product offerings.
- Suitable for grid inverted T (Nema "G") ceilings. Flange type ceilings (Nema "F") require independently mounted flange kits (FMA).
- Fully recessed mounting, suitable for row mounting.

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.
- Optional hold down clips available (order separately: cat # AVHD).

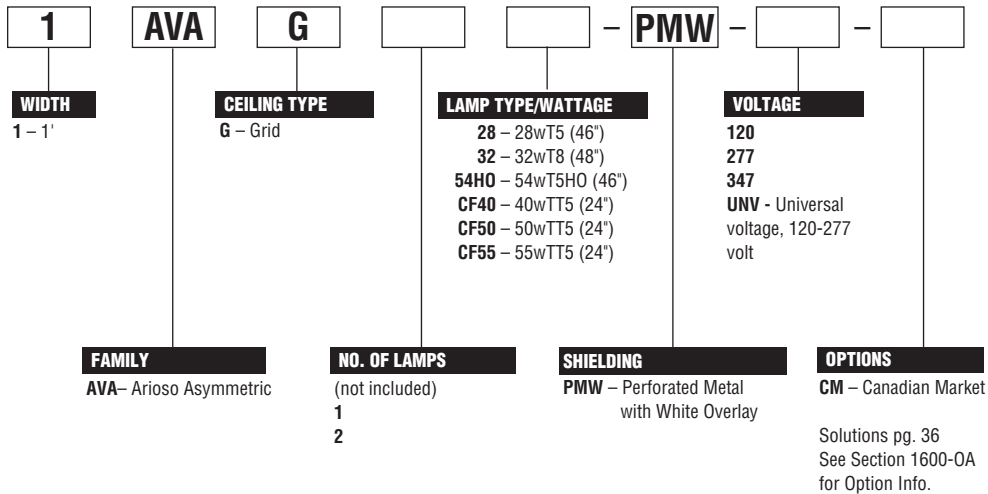
ELECTRICAL

- 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

- Side mounted lamp(s) and basket provide asymmetric light distribution.
- Micro-perforated mesh lamp shield provides 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 shield for easy relamping.

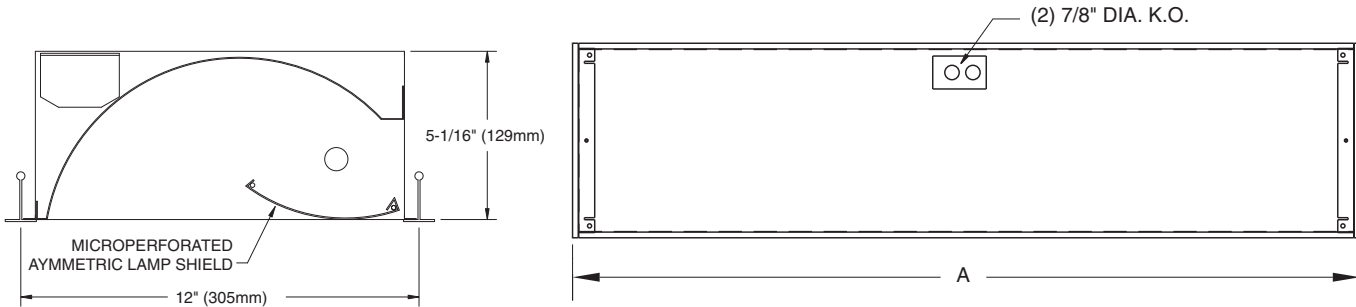
CATALOG NUMBER



Size	Lamps/ Cross Section	Lamps/ Luminaire	Lamp Type
1' x 2'	1	1	CF40, CF50, CF55
1' x 4'	1, 2	2, 1, 2	CF40, CF50, CF55 14, 17, 24HO

DIMENSIONS

	DIM "A"
1' x 2'	24" (610mm)
1' x 4'	48" (1219mm)



PHOTOMETRIC DATA

CATALOG # 1AVAG232-PMW-1/2-EB
TEST #F23827 S/MH= 1.5

LAMPS = F32T8
BALLAST = ELECTRONIC BALLAST FACTOR = .88

LER = 51

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$4.71 BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY= 57.8%

CANDLEPOWER					
Angle	End	45	Cross	Back-45	Back-Cross
0	1066	1066	1066	1066	1066
	5	1074	1080	1076	1045
	10	1060	1083	1086	1015
15	1038	1079	1091	980	937
	20	1007	1070	1091	931
	25	968	1053	1085	862
30	920	1027	1070	787	725
	35	865	997	1049	704
	40	804	957	1016	637
45	737	910	978	566	541
	50	662	851	943	497
	55	579	790	898	428
60	493	725	838	361	357
	65	402	649	744	295
	70	314	554	600	235
75	229	413	343	174	178
	80	141	195	69	116
	85	63	24	19	58

MAINTAINED ILLUMINATION TABLE- Square Feet/Fixture*						
<ul style="list-style-type: none"> 80-50-20 Reflectances (Ceiling-Wall-Floor) LLF = 0.75 2850 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
1' X 4' 2 Lamp	5	-	85	51	37	-
	2	-	57	34	-	-
	1	123	41	-	-	-

*Observe Fixture S/MH Requirements for Specific Applications

COEFFICIENT OF UTILIZATION						
p/c p/w RCR	20		70		50	
	70	50	30	70	50	30
0	68	68	68	67	67	64
1	63	59	56	60	57	56
2	56	52	46	55	50	46
3	51	45	40	50	44	41
4	46	40	34	45	39	34
5	42	34	29	41	34	29
6	40	32	26	39	30	26
7	36	28	23	35	28	23
8	34	26	20	33	26	20
9	32	23	19	30	23	19
10	29	22	17	28	22	17

AVERAGE LUMINANCE CD/SQ.M WITH 2850 LUMEN LAMPS			
ANGLE	END	45°	CROSS
45	4243	2347	3197
55	4803	2230	3097
65	5401	2141	2918
75	4066	2110	2714
85	669	2182	2218

TYPICAL V.C.P.'s				
Room Size	Mounting Height		Lengthwise	
	8.5	10	8.5	10
30x30	42	47	42	45
40x40	42	43	43	44
60x30	47	49	46	48
60x60	42	42	45	44
100x100	44	43	48	47

LIGHT DISTRIBUTION			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	832	14.6	25.2
0-40	1370	24.0	41.6
0-60	2493	43.7	75.6
0-90	3296	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 = 0.91 @ 40% RATED LAMP LIFE BF = .88 ELECTRONIC BALLAST & 32W T8 LAMP (RELAMP AT 70% LAMP LIFE)