

**2 or 4 Lamp
T5, T5HO, T8, or CF TT5
Recessed Direct/Indirect**

APPLICATION

- Architectural recessed direct/indirect lighting for glare free illumination.
- Side-mounted perforated shields project light to reflector for indirect lighting.
- 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

- Top reflector and end panels are formed together with no gaps.
- No visible welding, screws, latches, springs, hooks, rivets or plastic supports.
- Soft white baked enamel finish.
- Easy ballast access through lamp compartment.
- Optional hold down clips available (order separately: cat # AVHD).

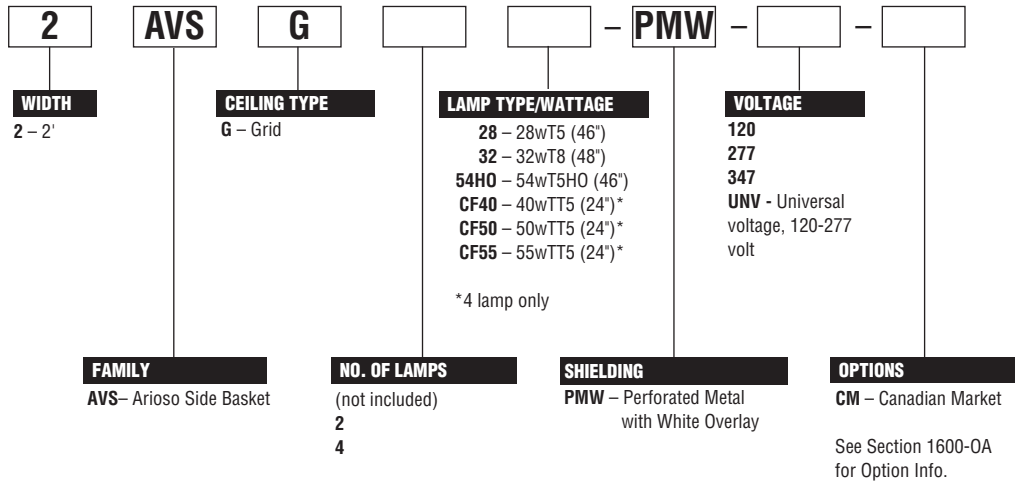
ELECTRICAL

- 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

- Dual micro-perforated lamp shields provide a soft awareness to lamp 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

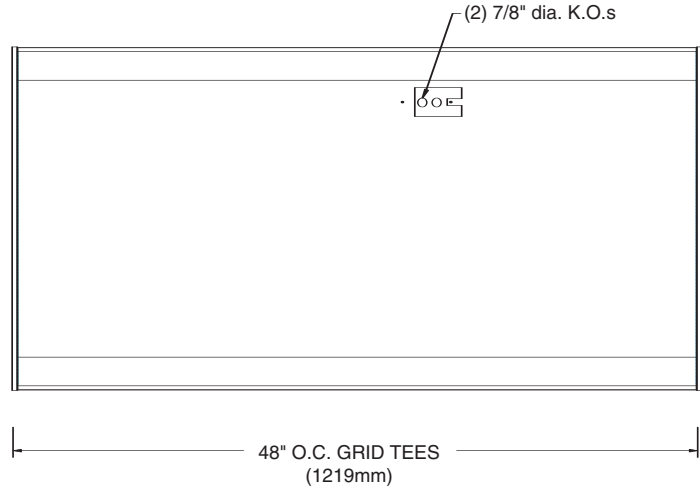
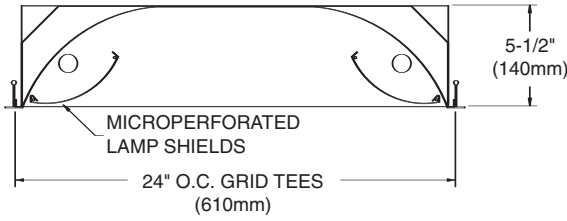


NOTES:

- 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 # 2AVSG232-PMW-1/2-EB
TEST #F23590 S/MH= 1.3

LAMPS = F32T8
BALLAST = ELECTRONIC

INPUT WATTS = 59
BALLAST FACTOR = .88

LER = 48

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$5.00 BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY= 56.3%

CANDLEPOWER			
Angle	End	45	Cross
0	939	939	939
5	940	935	931
10	928	926	926
15	902	908	911
20	878	890	899
25	841	861	873
30	798	825	843
35	745	781	800
40	689	733	771
45	625	674	745
50	554	625	718
55	481	579	693
60	407	535	667
65	334	489	635
70	265	445	581
75	199	378	474
80	133	259	245
85	64	64	54

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
2' X 4' 2 Lamp	5 2 1	-	82	49	35	-
		115	38	-	-	-

*Observe Fixture S/MH Requirements for Specific Applications

AVERAGE LUMINANCE CD/SQ.M WITH 2850 LUMEN LAMPS			
ANGLE	END	45°	CROSS
45	1254	1352	1495
55	1190	1432	1714
65	1121	1642	2132
75	1091	2072	2598
85	1042	1042	879

Room Size	TYPICAL V.C.P.'s Mounting Height			
	Lengthwise		Crosswise	
	8.5	10	8.5	10
30x30	57	63	48	54
40x40	54	57	48	50
60x30	58	62	53	57
60x60	54	54	49	49
100x100	56	55	54	53

COEFFICIENT OF UTILIZATION						
pfc pec pw RCR	20		70		50	
	80	30	70	50	30	50
0	67	67	65	65	65	63
1	59	56	55	58	56	54
2	54	48	45	53	47	44
3	48	42	38	47	41	36
4	45	36	32	42	36	34
5	40	33	28	40	33	27
6	38	29	23	36	28	23
7	34	27	22	34	26	20
8	32	23	19	32	23	19
9	29	22	17	28	22	17
10	28	20	16	28	20	16

LIGHT DISTRIBUTION			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	742	13.0	23.1
0-40	1229	21.6	38.3
0-60	2279	40.0	71.0
0-90	3208	56.3	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 & 32W8 LAMP (RELAMP AT 70% LAMP LIFE)