

**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).

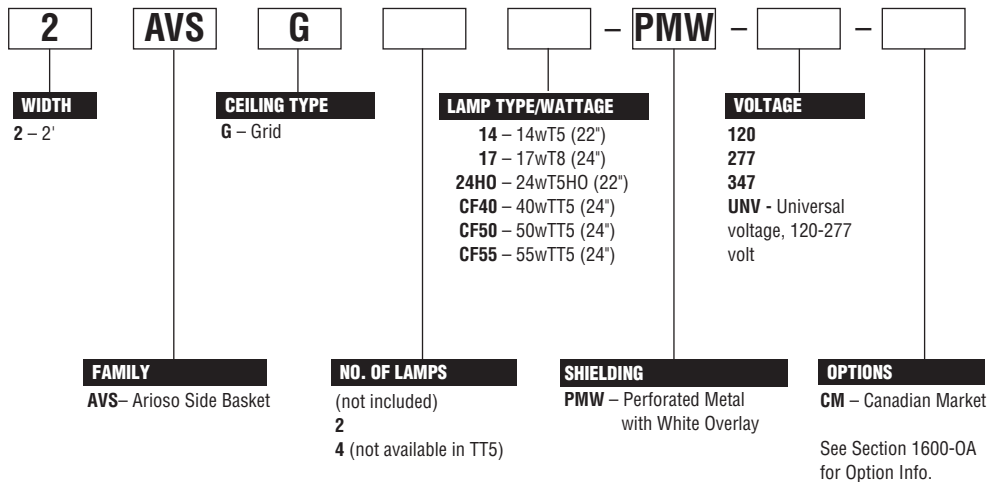
ELECTRICAL

- 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

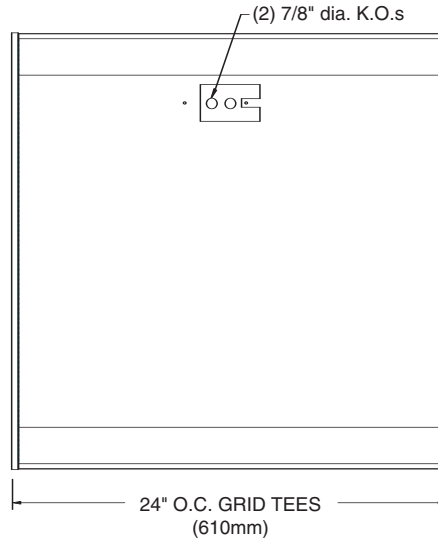
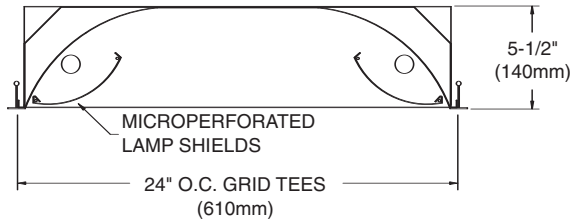


NOTES:

- 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 # 2AVSG2CF40-PMW-1/2-EB
TEST #F23878 S/MH= 1.3

LAMPS = 40wT5
BALLAST = ELECTRONIC

INPUT WATTS = 65
BALLAST FACTOR = .88

LER = 44

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$5.45 BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY= 51.1%

CANDLEPOWER			
Angle	End	45	Cross
0	988	988	988
5	987	986	980
10	973	975	973
15	948	955	959
20	917	930	942
25	874	896	914
30	823	852	882
35	765	803	851
40	700	751	823
45	628	696	797
50	552	640	774
55	469	584	752
60	388	527	729
65	312	468	696
70	241	400	639
75	171	302	506
80	102	167	242
85	39	44	68

MAINTAINED ILLUMINATION TABLE- Square Feet/Fixture*						
<ul style="list-style-type: none"> 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 2' 2 Lamp	5 2 1	- - 117	82 54 39	49 32 -	35 -	- -

*Observe Fixture S/MH Requirements for Specific Applications

AVERAGE LUMINANCE CD/SQ.M WITH 3150 LUMEN LAMPS			
ANGLE	END	45°	CROSS
45	2547	2822	3232
55	2345	2919	3759
65	2117	3175	4722
75	1894	3346	5606
85	1283	1448	2237

Room Size	TYPICAL V.C.P.'s Mounting Height			
	Lengthwise		Crosswise	
	8.5	10	8.5	10
30x30	36	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						
p/c p/c p/w RCR	20		70		50	
	70	50	30	70	50	30
0	60	60	60	58	58	56
1	55	52	50	54	51	48
2	50	45	40	47	44	41
3	45	39	34	44	38	34
4	40	34	29	40	34	28
5	38	30	26	35	29	26
6	34	27	23	34	27	22
7	32	25	20	30	23	20
8	29	23	17	28	22	17
9	28	20	16	27	20	16
10	26	19	14	25	19	14

LIGHT DISTRIBUTION			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	776	12.3	24.1
0-40	1280	20.3	39.8
0-60	2358	37.4	73.3
0-90	3218	51.1	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 & 40W T5 LAMP (RELAMP AT 70% LAMP LIFE)