

**1, 2, or 3 Lamp
T5, T5HO, T8, or CF TT5
Recessed Direct/Indirect**

APPLICATION

- Architectural recessed direct/indirect lighting for glare free illumination.
- 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).

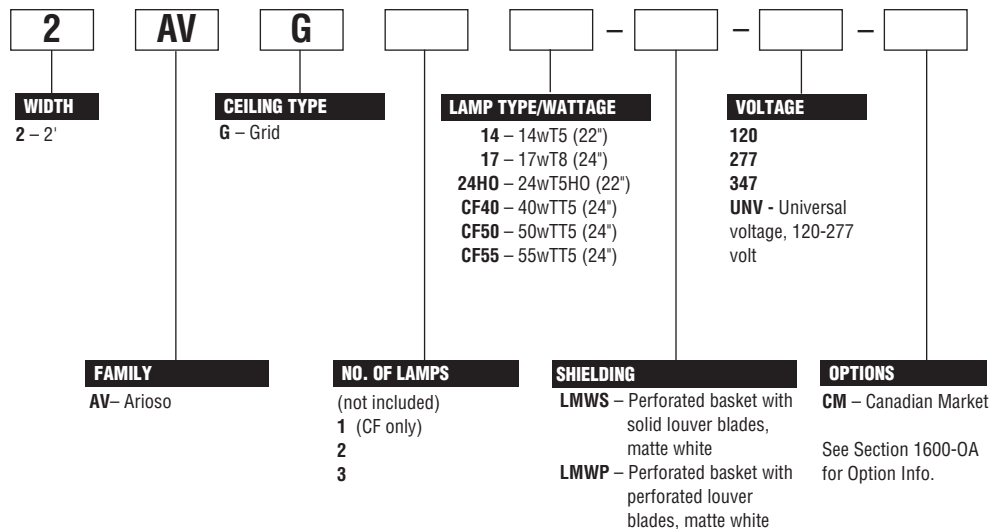
ELECTRICAL

- 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

- Flat blade louver with white overlay and perforated curved side panels.
- Bottom of louver is curved to match lamp shield contour.
- Choice of white micro-perforated blade or white solid blade.
- 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

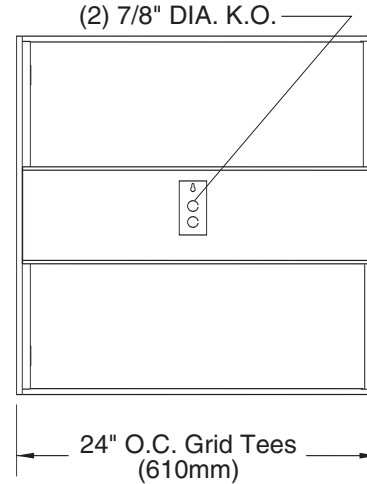
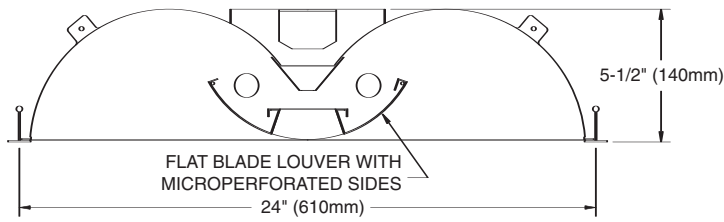


NOTES:

- 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 # 2AVG3CF40-LMWS-1/21-EB
TEST #F23576 S/MH= 1.3

LAMPS = 40wTT5

BALLAST = ELECTRONIC

INPUT WATTS = 102

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= 54.0%

CANDLEPOWER			
Angle	End	45	Cross
0	1873	1873	1873
5	1849	1851	1881
10	1804	1815	1866
15	1738	1766	1838
20	1655	1701	1799
25	1555	1623	1744
30	1445	1535	1676
35	1322	1436	1597
40	1189	1323	1485
45	1044	1206	1369
50	896	1070	1243
55	747	931	1104
60	617	790	942
65	495	644	738
70	375	487	460
75	261	300	294
80	160	156	177
85	63	67	72

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'	5	-	132	79	57	40
3 Lamp	2	-	90	54	39	-
	1	-	66	39	-	-

*Observe Fixture S/MH Requirements for Specific Applications

AVERAGE LUMINANCE CD/SQ.M WITH 3150 LUMEN LAMPS			
ANGLE	END	45°	CROSS
45	4422	5108	5798
55	3900	4861	5764
65	3508	4564	5230
75	3020	3471	3402
85	2165	2302	2474

Room Size	TYPICAL V.C.P.'s Mounting Height		
	Lengthwise	Crosswise	
30x30	41	44	38 41
40x40	40	41	38 39
60x30	45	47	43 45
60x60	40	40	38 38
100x100	42	42	41 40

COEFFICIENT OF UTILIZATION						
p/c p/cc p/w RCR	20		70		50	
	70	50	30	70	50	30
0	64	64	64	63	63	59 59
1	58	56	54	56	55	53 51
2	54	48	46	52	47	45 46 42
3	48	42	39	47	41	38 40 36
4	45	38	34	44	38	33 35 32
5	40	34	28	40	34	28 33 28
6	38	30	26	36	29	26 28 25
7	34	28	23	34	28	23 27 23
8	33	26	20	32	25	20 23 20
9	30	23	19	29	23	19 22 19
10	28	22	17	28	20	17 20 17

LIGHT DISTRIBUTION			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1433	15.2	28.1
0-40	2337	24.7	45.8
0-60	4094	43.3	80.2
0-90	5103	54.0	100.0

LLF = .75 LLF = LIGHT LOSS FACTOR LLF = 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 TT5 LAMP (RELAMP AT 70% LAMP LIFE)