

**2 Lamp
T5, T5HO, or T8
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

- 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).

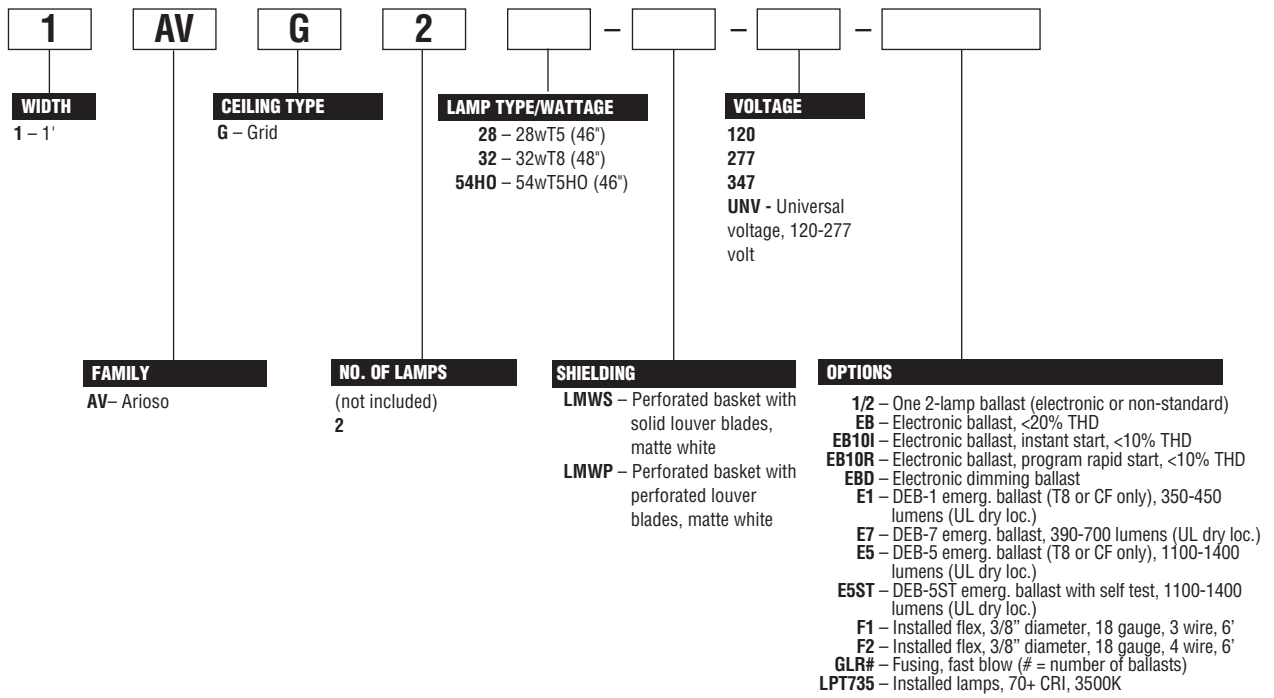
ELECTRICAL

- 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

- 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

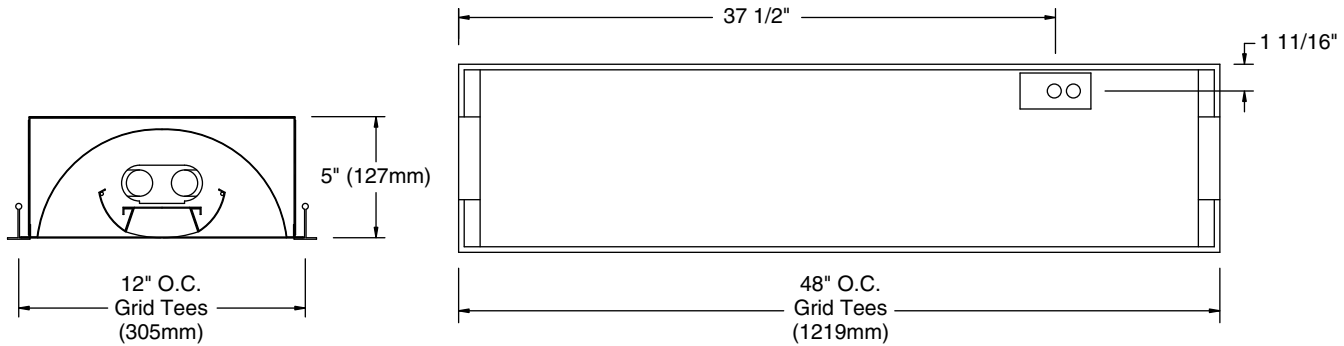


See section 1600-OA for option info.

JOB INFORMATION

0255-AR

DIMENSIONS



PHOTOMETRIC DATA

CATALOG # 1AVG232-LMWS-1/2-EB
TEST #27644 S/MH= 1.2

LAMPS = F32T8

INPUT WATTS = 54

BALLAST = ELECTRONIC

BALLAST FACTOR = .88

LER = 61

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$3.93 BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY= 65.3%

CANDLEPOWER			
Angle	End	45	Cross
0	1486	1486	1486
5	1483	1482	1471
10	1454	1464	1458
15	1409	1427	1434
20	1351	1374	1392
25	1282	1311	1330
30	1205	1237	1250
35	1114	1142	1153
40	1021	1036	1021
45	917	912	871
50	805	770	713
55	700	614	557
60	595	462	429
65	492	316	322
70	390	224	220
75	285	152	147
80	177	91	86
85	72	42	37

MAINTAINED ILLUMINATION TABLE- Square Feet/Fixture*

- 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
1' X 4'	5	-	98	59	42
2 Lamp T8 solid white baffle	2	-	68	41	-
	1	-	50	30	-

*Observe Fixture S/MH Requirements for Specific Applications

AVERAGE LUMINANCE CD/SQ.M WITH 2850 LUMEN LAMPS

ANGLE	END	45°	CROSS
45	4073	4051	3869
55	3833	3362	3050
65	3656	2348	2393
75	3459	1845	1784
85	2595	1514	1333

TYPICAL V.C.P.'s

Room Size	Mounting Height	
	Lengthwise	Crosswise
	8.5	10
30x30	48	51
40x40	47	49
60x30	54	56
60x60	46	47
100x100	46	47

COEFFICIENT OF UTILIZATION

p/c p/c p/w	20		70		50	
	70	50	30	70	50	30
RCR	78	78	78	76	76	72
0	78	68	66	69	67	65
1	65	59	56	64	58	55
2	59	53	47	57	52	47
3	55	47	41	54	46	41
4	51	42	36	48	41	36
5	46	39	33	46	38	33
6	44	34	29	42	34	28
7	40	32	27	40	32	26
8	38	29	23	36	28	23
9	35	27	22	34	27	22
10						

LIGHT DISTRIBUTION

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1146	20.1	30.8
0-40	1856	32.6	49.9
0-60	3108	54.5	83.6
0-90	3720	65.3	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 & T8 LAMP (RELAMP AT 70% LAMP LIFE)