

## FEATURES & SPECIFICATIONS

### INTENDED USE

The Avante 2x2 is an indoor lighting luminaire for private and open offices, circulation areas, classrooms, libraries, cafeterias, airport ticketing, waiting areas and numerous other commercial applications. Static or air functions available. **Certain airborne contaminants can diminish integrity of acrylic.** [Click here for Acrylic Environmental Compatibility table for suitable uses.](#)

### CONSTRUCTION

Housing is gloss white enamel on cold rolled steel. All edges hemmed or rounded. All shieldings pivot on light traps and swing down for easy lamp access. Molded light traps prevent light leaks between shielding and endplates. All grid and screw slot units have built-in ceiling grid mounting clips. Grid air and screw slot air fixtures are supplied with screw-on tee bar clips.

### OPTICS

Twin matte white polyester powder paint finished reflectors provide uniform light distribution. Optional low brightness diffuse aluminum stepped reflectors available. All diffusers control direct light distribution and glare by shielding lamps from direct view.

Metal diffuser staggered round holes (MDR) 52% open perforated metal with .075" diameter holes backed with white acrylic diffuser.

Straight blade louver (SBL) sides of perforated metal with staggered round holes and solid blade louvered center. Sides and louver backed with white acrylic diffuser.

Metal diffuser aligned mini slots (MDM) 46% open perforated metal backed with white acrylic diffuser.

Acrylic diffuser prismatic lens (ADP) extruded acrylic lens backed with white acrylic diffuser.

Metal diffuser with center slots (MDC): 52% open metal, .075" diameter holes with 1" wide solid center, 1/2"x2" open slots. Diffuser is backed with white acrylic overlay.

### ELECTRICAL

All ballasts supplied are class P, thermally protected, resetting, HPF, non-PCB, UL Listed, CSA Certified. Ballasts are sound rated A. Standard combinations conform to UL 935.

### INSTALLATION

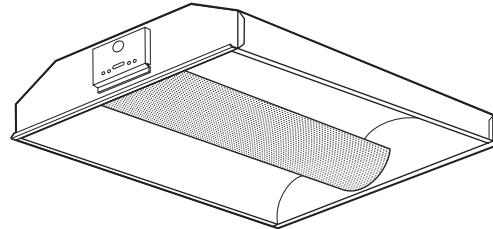
Trims available for standard 1" and 9/16" tee bar or screw slot grids. Fixtures can be row mounted end-to-end.

Drywall ceiling adapters available.

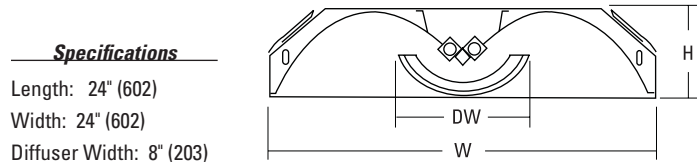
Catalog Number	
Notes	Type

*Avante*  
Direct/Indirect Lighting

# 2AV 2'x2'



**Linear Fluorescent  
T8**  
1, 2 or 3 lamps



### Specifications

Length: 24" (602)  
Width: 24" (602)  
Diffuser Width: 8" (203)  
Depth: 5-1/2" (140)

All dimensions are inches (millimeters).

### LISTINGS

UL Listed to US and Canadian safety standards, Chicago Plenum approved and NYC approved (see Options).

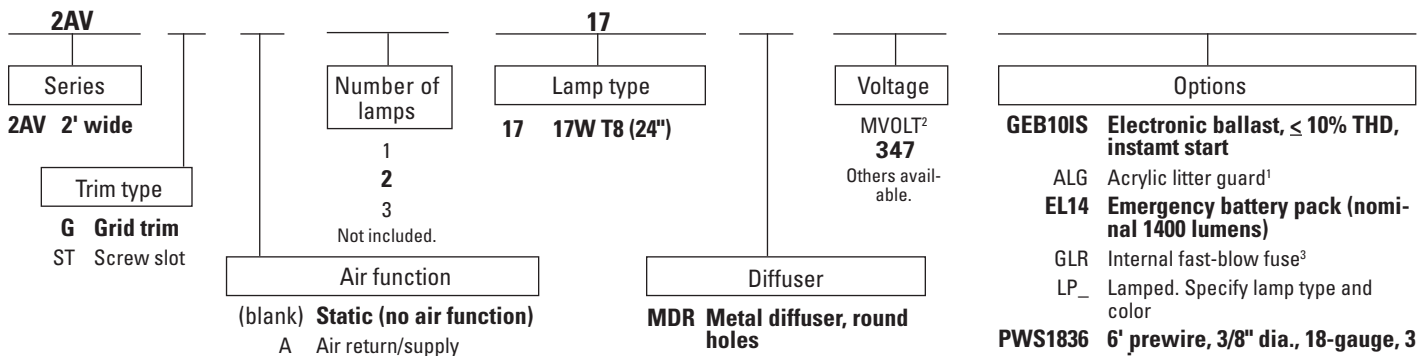
**Avante is covered by one or more of the following patents: 5,988,829; 399,586; 411,641; 413,402; 2,212,513; 87,513.**

NOTE: Specifications are subject to change without notice.

## ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: 2AV G 2 17 MDR MVOLT GEB10IS



### Accessories

Order as separate catalog number.

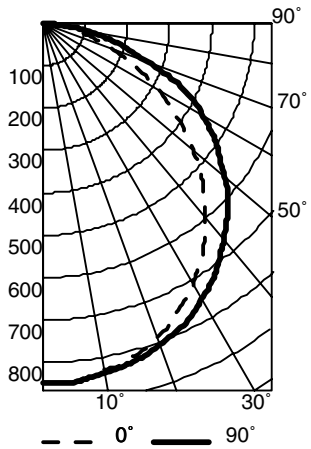
DGA22 Drywall ceiling adapter, unit installation. Use G trim plus DGA accessory for fixture trim flange and fixture support in plaster or plasterboard ceilings.

### NOTES:

- 1 Refer to options and accessories section for more detailed information.
- 2 MVOLT (120 - 277 volt).
- 3 Must specify voltage, 120 or 277.

# 2AV 2x2 Direct/Indirect Lighting

2AV G 3 17 MDR, (3) 17W T8 lamps, 1400 lumens per lamp, s/m 1.2 (along) 1.3 (across), test no. LTL 9106



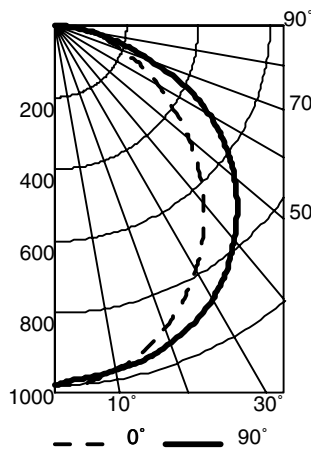
CP Summary		
	0°	90°
0°	847	847
5°	847	850
15°	816	826
25°	752	786
35°	659	714
45°	536	619
55°	392	502
65°	241	366
75°	110	183
85°	26	39
90°	0	0

R <sub>CR</sub>	pf	Coefficients of Utilization									
		pc	80%			70%			50%		
			pw	70%	50%	30%	50%	30%	10%	50%	30%
0	0	70	70	70	68	68	68	65	65	65	
1	1	64	61	58	60	57	55	57	55	54	
2	2	58	53	49	52	48	45	50	47	44	
3	3	53	47	42	46	41	38	44	40	37	
4	4	48	41	36	40	36	32	39	35	31	
5	5	44	37	31	36	31	27	35	30	27	
6	6	41	33	28	33	28	24	31	27	24	
7	7	38	30	25	29	25	21	29	24	21	
8	8	35	27	22	27	22	19	26	22	19	
9	9	33	25	20	25	20	17	24	20	17	
10	10	31	23	18	23	18	15	22	18	15	

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0° - 30°	666	15.9	27.1
0° - 40°	1095	26.1	44.5
0° - 60°	1944	46.3	79.0
0° - 90°	2461	58.6	100.0
90° - 180°	0	0.0	0.0
0° - 180°	2461	58.6	100.0

Efficiency: 58.6%

2AV G 3 17 SBL, (3) 17W T8 lamps, 1325 lumens per lamp, s/m 1.2 (along) 1.3 (across), test no. LTL 10191



CP Summary		
	0°	90°
0°	1001	1001
5°	997	985
15°	941	963
25°	846	914
35°	720	835
45°	568	719
55°	404	581
65°	267	403
75°	143	188
85°	34	36
90°	0	0

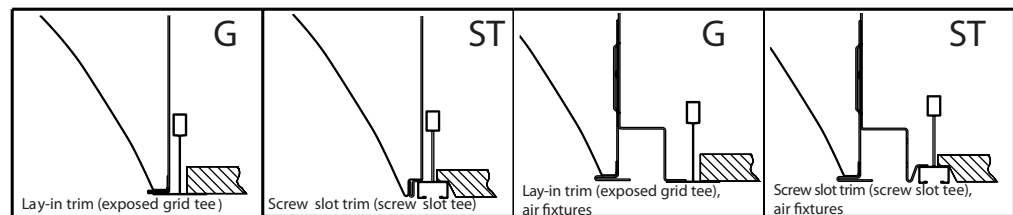
R <sub>CR</sub>	pf	Coefficients of Utilization									
		pc	80%			70%			50%		
			pw	70%	50%	30%	50%	30%	10%	50%	30%
0	0	83	83	83	81	81	81	78	78	78	
1	1	76	73	70	71	68	66	68	66	64	
2	2	69	63	59	62	58	54	60	56	53	
3	3	63	56	50	55	49	45	52	48	44	
4	4	58	49	43	48	43	38	47	42	38	
5	5	53	44	38	43	37	33	42	37	33	
6	6	49	40	33	39	33	29	38	32	28	
7	7	45	36	30	35	30	25	34	29	25	
8	8	42	33	27	32	27	23	31	26	23	
9	9	40	30	24	30	24	20	29	24	20	
10	10	37	28	22	27	22	19	27	22	18	

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0° - 30°	768	19.3	27.6
0° - 40°	1253	31.5	45.1
0° - 60°	2199	55.3	79.1
0° - 90°	2780	69.9	100.0
90° - 180°	0	0.0	0.0
0° - 180°	2780	69.9	100.0

Efficiency: 69.9%

## MOUNTING DATA

Ceiling Type	Appropriate Trim Type
Exposed grid tee (1' and 9/16")	G
Concealed grid tee	G
Screw slot	ST
Plaster or plasterboard	G*



\*DGA accessory available to provide ceiling trim flange and fixture support for plaster or plasterboard ceiling. Recommended rough-in dimensions for DGA installation is 24-3/4" x 24-3/4" (Tolerance is +1/8", -0").



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**Fluorescent**  
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