

FEATURES & SPECIFICATIONS

INTENDED USE — The Avante side-mounted diffuser is for use as general area lighting and for private offices. Especially suited for conference rooms, corridors and reception areas where soft distinctive lighting is required. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate 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.

OPTICS — Matte white polyester powder paint finished reflector provide uniform light distribution. Optional low brightness diffuse aluminum stepped reflector 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.

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 adaptors available.

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.

WARRANTY — 1-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

NOTE: Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

Catalog Number
Notes
Type

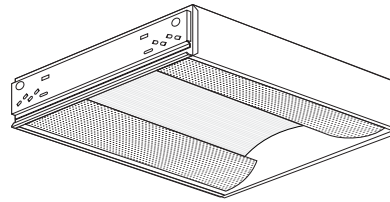
Avante[®]
Direct/Indirect Lighting

2AV 2'x2'

**SIDE-MOUNTED DIFFUSER
LINEAR FLUORESCENT**

T8

2 or 4 lamps



Specifications

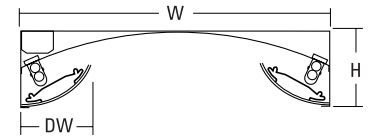
Length: 24 (61.0)

Width: 24 (61.0)

Diffuser width: 6 (15.2)

Depth: 5-1/2 (14.0)

5-7/8 (14.9) for air fixture



All dimensions are inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION

For shortest lead times, configure product using **bolded options**.

Example: 2AV G 2 17 MDR SMD MVOLT GEB10IS

2AV				17				
Series	Trim type	Air function	Number of lamps	Lamp type	Diffuser	Lamp distribution	Voltage	Options
2AV 2' wide	G Grid trim ST Screw slot	(blank) Static (no air function) A Air return/supply	2 4 Not included	17 17W T8 (24")	MDR Metal diffuser, round holes	SMD Side-mounted diffuser	MVOLT¹ 347 Others available.	GEB10IS Electronic ballast, ≤ 10% THD, instant start GEB10PS Electronic ballast, ≤ 10% THD, programmed rapid start ALG Acrylic litter guard ² EL14 Emergency battery pack (nominal 1400 lumens, see Life Safety section) GLR Internal fast-blow fuse ³ LP_ Lamped. Specify lamp type and color PWS1836 6' prewire, 3/8" dia., 18-gauge, 3 wires NY3 New York City approved CP Chicago plenum approved <u>Reflector option</u> ASR Aluminum stepped reflector

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.

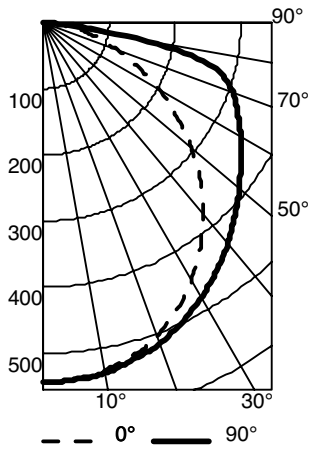
Notes

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

2AV 2x2 SMD T8 Direct/Indirect Lighting

PHOTOMETRICS

2AV G 2 17 MDR SMD, (2) 17W T8 lamps, 1400 lumens per lamp, s/m 1.2 (along) 1.3 (across), test no. LTL11464



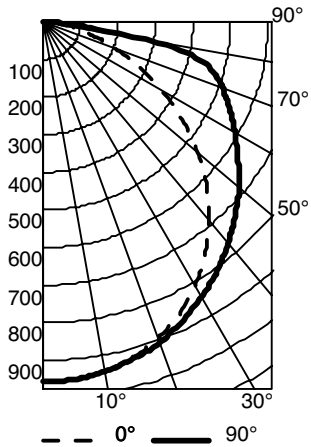
CP Summary	
	0° 90
0°	543 543
5°	540 541
15°	521 527
25°	480 500
35°	416 458
45°	337 411
55°	247 366
65°	159 326
75°	84 272
85°	19 45
90°	0 0

		Coefficients of Utilization								
		80%			70%			50%		
pf	pc	70%	50%	30%	50%	30%	10%	50%	30%	10%
0	73	73	73	71	71	71	68	68	68	
1	66	63	60	61	59	56	59	57	55	
2	60	54	50	53	49	45	51	47	44	
3	54	47	42	46	41	37	44	40	37	
4	49	42	36	41	35	31	39	34	31	
5	45	37	31	36	31	27	35	30	26	
6	42	33	27	33	27	23	31	27	23	
7	39	30	24	30	24	20	29	24	20	
8	36	27	22	27	22	18	26	21	18	
9	34	25	20	25	20	16	24	19	16	
10	31	23	18	23	18	15	22	18	15	

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0° - 30°	424	15.1	24.7
0° - 40°	697	24.9	40.6
0° - 60°	1260	45.0	73.3
0° - 90°	1718	61.3	100.0
90° - 180°	0	0.0	0.0
0° - 180°	1718	61.3	100.0

Efficiency: 61.3%

2AV G 4 17 MDR SMD, (4) 17W T8 lamps, 1325 lumens per lamp, s/m 1.3 (along) 1.3 (across), test no. LTL9784



CP Summary	
	0° 90
0°	956 956
5°	955 953
15°	923 926
25°	859 879
35°	754 809
45°	617 726
55°	453 635
65°	280 550
75°	139 459
85°	39 82
90°	0 0

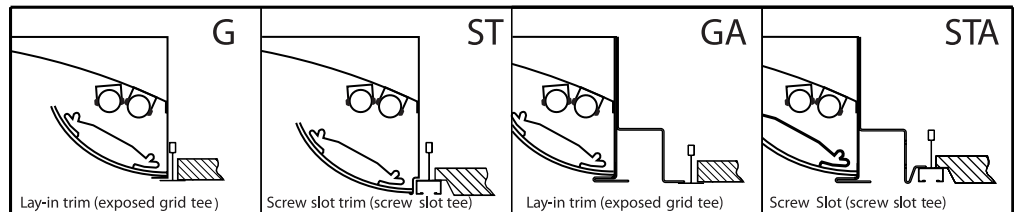
		Coefficients of Utilization								
		80%			70%			50%		
pf	pc	70%	50%	30%	50%	30%	10%	50%	30%	10%
0	69	69	69	68	68	68	65	65	65	
1	63	60	57	58	56	53	56	54	52	
2	57	51	47	50	46	43	48	45	42	
3	51	45	40	44	39	35	42	38	34	
4	47	39	34	39	33	29	37	33	29	
5	43	35	29	34	29	25	33	28	25	
6	40	31	26	31	26	22	30	25	22	
7	37	28	23	28	23	19	27	22	19	
8	34	26	21	25	21	17	25	20	17	
9	32	24	19	23	19	15	23	18	15	
10	30	22	17	22	17	14	21	17	14	

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0° - 30°	751	14.2	24.3
0° - 40°	1239	23.4	40.1
0° - 60°	2250	42.5	72.8
0° - 90°	3092	58.3	100.0
90° - 180°	0	0.0	0.0
0° - 180°	3092	58.3	100.0

Efficiency: 58.3%

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").