

Catalog Number	
Notes	Type

FEATURES & SPECIFICATIONS

INTENDED USE — The Avante 1x4 is a general lighting luminaire. Row or unit mount to provide ambient lighting for large spaces. Makes for excellent corridor lighting. Use AV 1x4 in conjunction with 2x4's to fill difficult areas of lighting layout. 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 air and screw slot units supplied with screw-on tee bar clips. Ballast access is from below.

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.

ELECTRICAL — All ballasts supplied are class P, thermally protected, resetting, HPF, non-PCB, UL Listed, CSA Certified. Energy saving and electronic ballasts are sound rated A. Standard combinations conform to UL 935.

INSTALLATION — Trims available for standard 1" tee bar, 9/16" tee bar or screw slot grids.

Fixtures can be row mounted end-to-end.

Drywall ceiling adapters available.

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

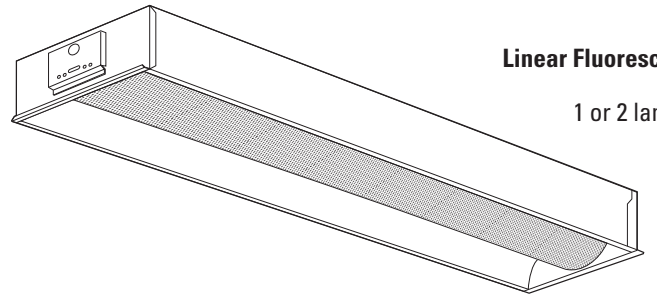
Avante is covered by one or more of the following patents: 5,988,829; 399,586; 411,641; 413,402; 2,212,513; 87,513.

NOTE: Specifications are subject to change without notice.

Avante[®]
Direct/Indirect Lighting

Recessed Direct/Indirect Lighting

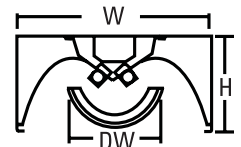
AV 1'x4'



Linear Fluorescent
T8
1 or 2 lamps

Specifications

Length: 48" (1219)
Width: 12" (305)
Diffuser Width: 5-1/2" (140)
Depth: 5-1/2" (140)



All dimensions are inches (millimeters).

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: AV G 2 32 MDR MVOLT GEB10IS

AV		32		Voltage 347 MVOLT ¹ Others available.	Options
Series AV 1' wide	Number of lamps 1, 2 Not included.	Lamp type 32 32W T8 (48")	Diffuser		
Trim type G Grid trim ST Screw slot	Air function (blank) Static (no air function) A Air return/supply	MDR Metal diffuser, round holes SBL Straight blade louver, round holes MDM Metal diffuser, mini slots Others available.			GEB10IS Electronic ballast, ≤10% THD, Instant Start GEB10RS Electronic ballast, ≤10% THD, Rapid Start ALG Acrylic litter guard ² EL Emergency battery pack (nominal 300 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 APB Air pattern control blades ²
				Reflector Option	ASR Aluminum stepped reflector

NOTES

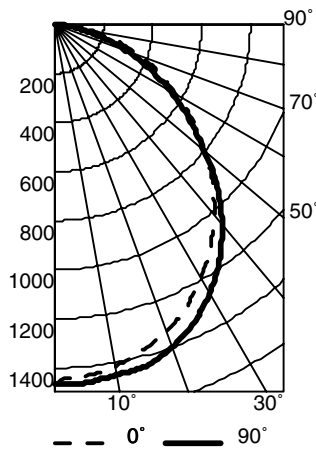
- MVOLT (120 - 277 volt).
- Refer to options and accessories tab for more detailed information.
- Not available with MVOLT.

Accessories

- Order as separate catalog number.
- DGA14 Drywall ceiling adapter, unit installation. Use G trim plus DGA accessory for fixture trim flange and fixture support in plaster or plasterboard ceilings.

AV 1x4 T8 Direct/Indirect Lighting

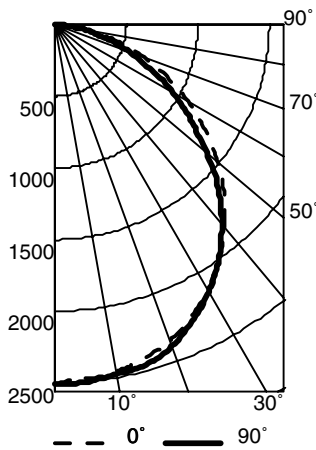
AV G 2 32 SBL, (2) 32W T8 lamps, 2850 lumens per lamp, s/m 1.2 (along) 1.3 (across), test no. LTL 10969



CP Summary		pf	Coefficients of Utilization									Zonal Lumen Summary				
0°	90°		80%			70%			50%			Zone	Lumens	% Lamp	% Fixture	
		pc	70%	50%	30%	50%	30%	10%	50%	30%	10%					
0°	1464	1464	0	82	82	82	80	80	80	76	76	76	0° - 30°	1143	20.0	29.2
5°	1436	1466	1	75	72	69	70	68	65	67	65	63	0° - 40°	1861	32.6	47.6
15°	1378	1441	2	68	63	58	62	57	54	59	56	53	0° - 60°	3191	56.0	81.6
25°	1272	1342	3	62	55	50	54	49	45	52	48	44	0° - 90°	3909	68.6	100.0
35°	1108	1174	4	57	49	43	48	43	39	47	42	38	90° - 180°	0	0.0	0.0
45°	913	940	5	53	44	38	43	38	33	42	37	33	0° - 180°	3909	68.6	100.0
55°	691	669	6	49	40	34	39	33	29	38	33	29				
65°	469	427	7	45	36	30	36	30	26	34	29	26				
75°	263	200	8	42	33	27	33	27	23	32	27	23				
85°	57	45	9	39	30	25	30	25	21	29	24	21				
90°	0	0	10	37	28	23	28	22	19	27	22	19				

Efficiency: 68.6%

AV G 2 54T5HO MDR, (2) 54W T5HO lamps, 4400 lumens per lamp, s/m 1.3 (along) 1.3 (across), test no. LTL 11002

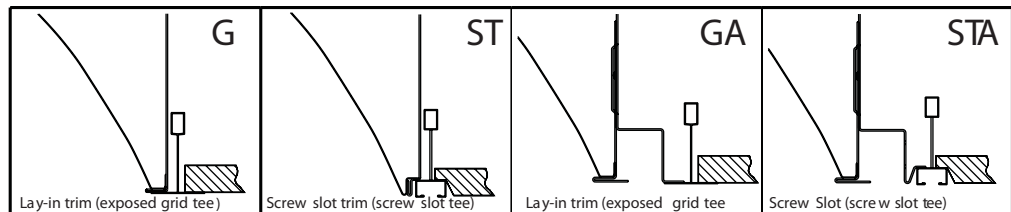


CP Summary		pf	Coefficients of Utilization									Zonal Lumen Summary				
0°	90°		80%			70%			50%			Zone	Lumens	% Lamp	% Fixture	
		pc	70%	50%	30%	50%	30%	10%	50%	30%	10%					
0°	2508	2508	0	93	93	93	91	91	91	87	87	87	0° - 30°	1982	22.5	28.7
5°	2478	2501	1	86	82	79	80	77	75	77	75	72	0° - 40°	3244	36.9	46.9
15°	2412	2456	2	78	72	67	70	66	62	68	64	60	0° - 60°	5625	63.9	81.4
25°	2256	2284	3	71	63	57	62	56	52	60	55	51	0° - 90°	6911	78.5	100.0
35°	2001	1998	4	65	56	49	55	49	44	53	48	43	90° - 180°	0	0.0	0.0
45°	1673	1615	5	60	50	43	49	43	38	48	42	38	0° - 180°	6911	78.5	100.0
55°	1283	1161	6	56	45	38	45	38	33	43	37	33				
65°	866	745	7	52	41	34	40	34	29	39	33	29				
75°	453	370	8	48	38	31	37	31	26	36	30	26				
85°	76	77	9	45	34	28	34	28	24	33	27	24				
90°	0	0	10	42	32	26	31	25	21	31	25	21				

Efficiency: 78.5%

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 12-3/4" x 48-3/4" (Tolerance is +1/8", -0").



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