

## FEATURES & SPECIFICATIONS

**INTENDED USE** — The Avante 2x4 is a general lighting luminaire for large spaces including open offices, circulation areas, classrooms, libraries, cafeterias, airport ticketing and 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 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.

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. With 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. All T5 and T5HO ballasts are program start.

Step-level dimming option allows system to be switched to 50% power for compliance with common energy codes while maintaining fixture appearance.

**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.

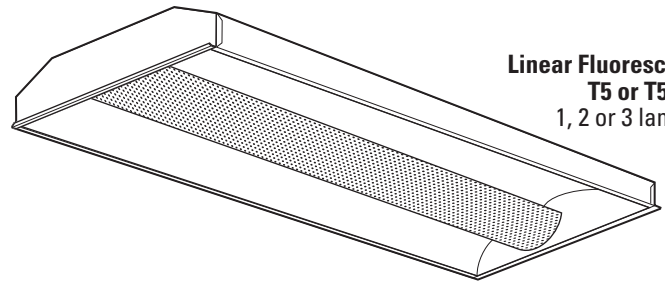
**LISTINGS** — UL Listed to US and Canadian safety standards. Chicago Plenum approved and NYC approved (see Options).

**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](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

Catalog Number
Notes
Type

*Avante*<sup>®</sup>  
Direct/Indirect Lighting  
**2AV 2'x4'**



**Linear Fluorescent  
T5 or T5HO  
1, 2 or 3 lamps**

### Specifications

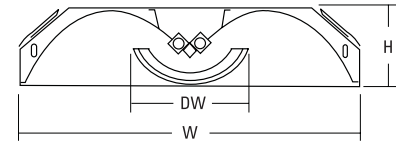
Length: 48 (121.9)

Width: 24 (61.0)

Diffuser width: 8 (20.3)

Depth: 5-1/2 (14.0)

5-7/8 (14.9) for air fixture



All dimensions are inches (centimeters) unless otherwise indicated.

Actual performance may differ as a result of end-user environment and application. NOTE: Specifications are subject to change without notice.

### ORDERING INFORMATION

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

**Example:** 2AV G 2 28T5 MDR MVOLT GEB115

Series	Trim type	Air function	Number of lamps	Lamp type	Diffuser
<b>2AV</b> 2' wide	<b>G</b> Grid trim ST Screw slot	<b>(blank)</b> Static (no air function)	1	<b>28T5</b> 28W T5 (46")	<b>MDR</b> Metal diffuser, round holes <b>SBL</b> Straight blade louver, round holes <b>MDM</b> Metal diffuser, mini slots
		A Air return/supply	2 3	54T5HO 54W T5HO (46")	
			<i>Not included.</i>		

ADP Acrylic diffuser, linear prismatic lens  
MDC Metal diffuser, round holes with large center slots<sup>1</sup>  
*Others available.*

Voltage	Options																												
<b>MVOLT</b> <sup>2</sup> 347 <i>Others available.</i>	<table border="0"> <tr> <td>GEB10PS</td> <td>Electronic ballast, &lt; 10% THD, program start</td> <td><b>PWS1836</b></td> <td>6' prewire, 3/8" dia., 18-gauge, 3 wires</td> </tr> <tr> <td><b>GEB115</b></td> <td>1.15 ballast factor, two-lamp only<sup>3</sup></td> <td>QFC</td> <td>Quick-Flex<sup>®</sup> cable<sup>4</sup></td> </tr> <tr> <td>GEB115S</td> <td>1.15 ballast factor, step-dim<sup>3</sup></td> <td>NY3</td> <td>New York City approved</td> </tr> <tr> <td>ALG</td> <td>Acrylic litter guard<sup>1</sup></td> <td>CP</td> <td>Chicago Plenum approved</td> </tr> <tr> <td><b>EL14</b></td> <td>Emergency battery pack (nominal 1400 lumens, see Life Safety section)</td> <td>APB</td> <td>Air pattern control blades<sup>1</sup></td> </tr> <tr> <td>GLR</td> <td>Internal fast-blow fuse<sup>4</sup></td> <td colspan="2"><i>Reflector option</i></td> </tr> <tr> <td>LP_</td> <td>Lamped. Specify lamp type and color</td> <td>ASR</td> <td>Aluminum stepped reflector</td> </tr> </table>	GEB10PS	Electronic ballast, < 10% THD, program start	<b>PWS1836</b>	6' prewire, 3/8" dia., 18-gauge, 3 wires	<b>GEB115</b>	1.15 ballast factor, two-lamp only <sup>3</sup>	QFC	Quick-Flex <sup>®</sup> cable <sup>4</sup>	GEB115S	1.15 ballast factor, step-dim <sup>3</sup>	NY3	New York City approved	ALG	Acrylic litter guard <sup>1</sup>	CP	Chicago Plenum approved	<b>EL14</b>	Emergency battery pack (nominal 1400 lumens, see Life Safety section)	APB	Air pattern control blades <sup>1</sup>	GLR	Internal fast-blow fuse <sup>4</sup>	<i>Reflector option</i>		LP_	Lamped. Specify lamp type and color	ASR	Aluminum stepped reflector
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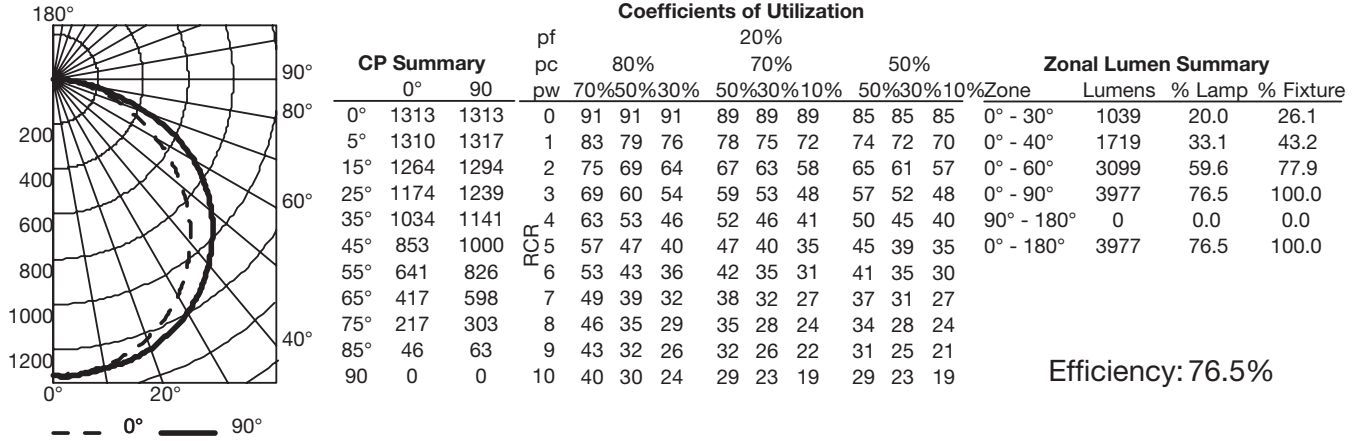
### Notes

- Refer to options and accessories section for more detailed information.
- MVOLT (120 - 277 volt).
- For two-lamp 28T5 only.
- Must specify voltage, 120 or 277.

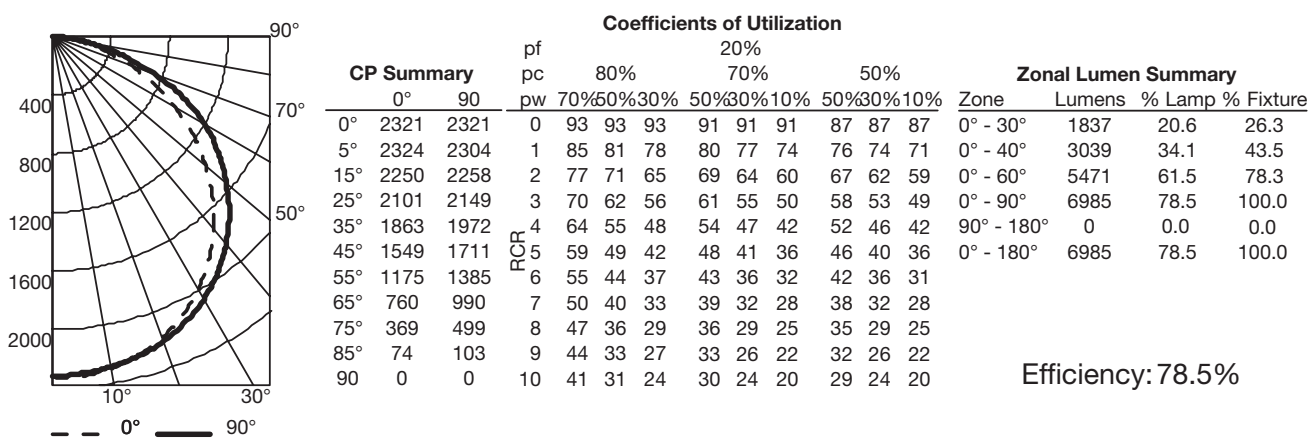
<b>Accessories:</b> Order as separate catalog number.	
DGA24	Drywall ceiling adapter, unit installation. Use G trim plus DGA accessory for fixture trim flange and fixture support in plaster or plasterboard ceilings.

# 2AV 2x4 Direct/Indirect Lighting

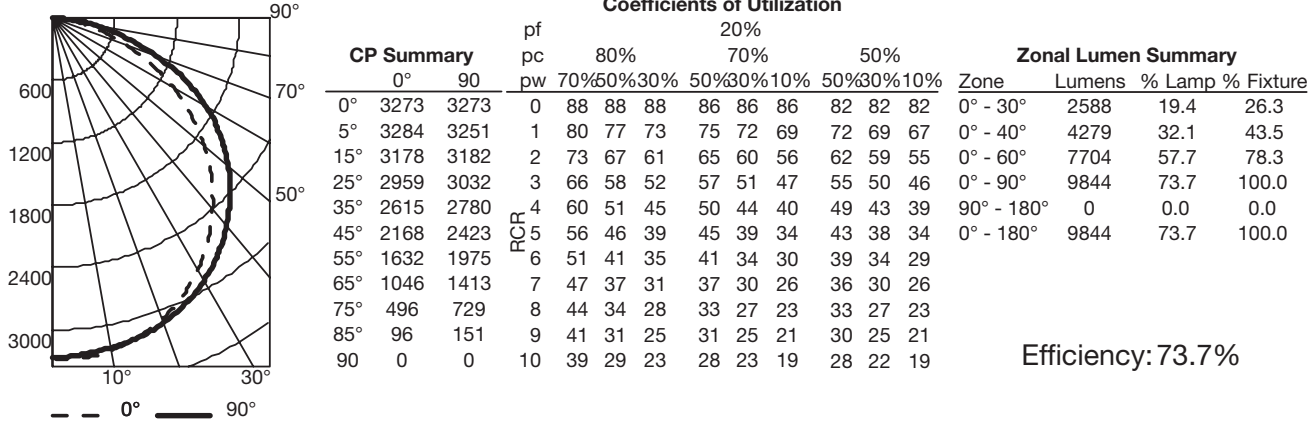
**2AV G 2 28T5 MDR, (2) 28W T5 lamps, 2600 lumens per lamp, test no. LTL 8780**



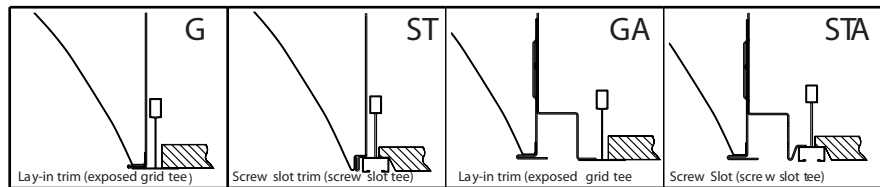
**2AV G 2 54T5HO MDR, (2) 54W T5HO lamps, 4450 lumens per lamp, s/m 1.3 (along) 1.3 (across), test no. LTL 10196**



**2AV G 3 54T5HO MDR, (3) 54W T5HO lamps, 4450 lumens per lamp, s/m 1.3 (along) 1.3 (across), test no. LTL 10197**



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