

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.

The F28T5 two-lamp configuration is available with SIMPLY5™ lighting intelligence. S5 option available for use with Simply5 lighting intelligence system. See 2AV-2x4-T5_S5 or Lithonia Controls specification sheets for more information.

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

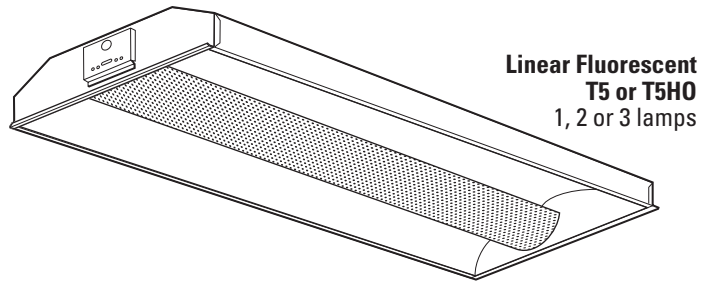
Drywall ceiling adapters available.

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

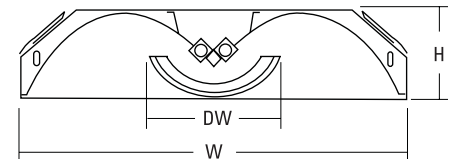
Avante is covered by one or more of the following patents: 5,988,829; 399,586; 411,641; 413,402; 2,212,513; 87,513.

Catalog Number	
Notes	Type

Avante
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.

SIMPLY5™
LIGHTING INTELLIGENCE

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

NOTE: Specifications are subject to change without notice.

ORDERING INFORMATION

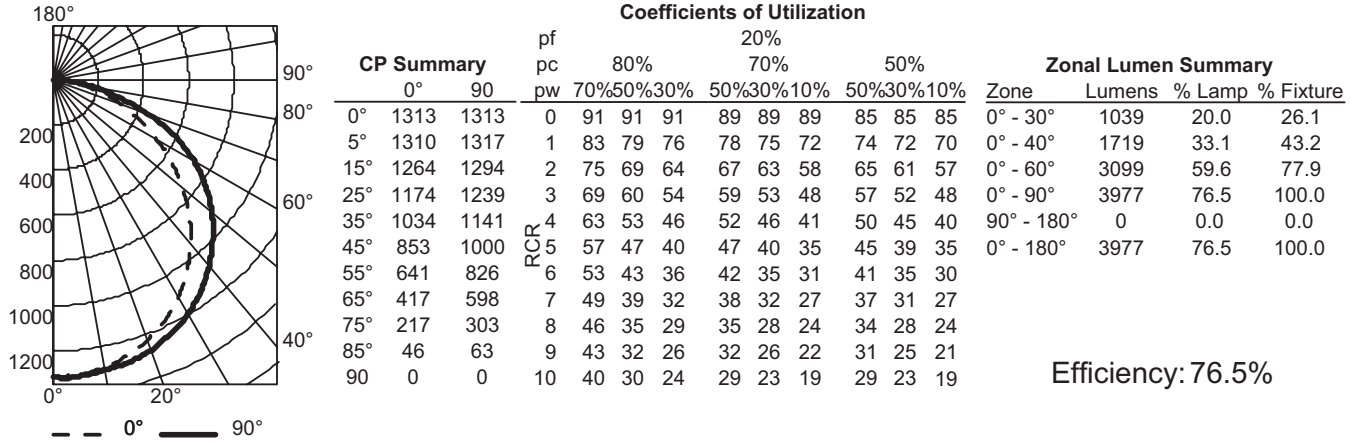
For shortest lead times, configure product using **standard options (shown in bold)**.

Example: 2AV G 2 28T5 MDR MVOLT GEB115

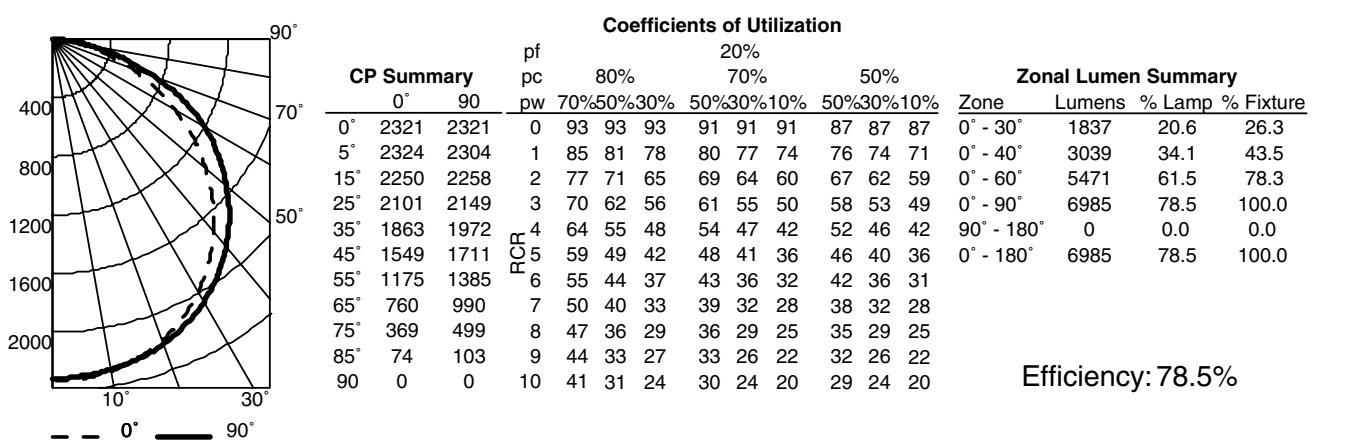
2AV						
Series	Number of lamps	Lamp type	Voltage	Options		
2AV 2' wide	1 2 3 Not included.	28T5 28W T5 (46") 54T5HO 54W T5HO (46")	MVOLT² 347 Others available.			
Trim type	Air function	Diffuser				
G Grid trim ST Screw slot	(blank) Static (no air function) A Air return/supply	MDR Metal diffuser, round holes SBL Straight blade louver, round holes MDM Metal diffuser, mini slots ADP Acrylic diffuser, linear prismatic lens MDC Metal diffuser, round holes with large center slots ¹ Others available.				
Accessories						
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.					
<p>NOTES:</p> <p>1 Refer to options and accessories section for more detailed information.</p> <p>2 MVOLT (120 - 277 volt).</p> <p>3 For two-lamp 28T5 only.</p> <p>4 SIMPLY5 system includes 13' S5SSC RELOC® wiring system. Specify voltage unless HW (hardwire) or PWS1836 is ordered.</p> <p>5 Must specify voltage, 120 or 277.</p>						
				GEB10PS	Electronic ballast, ≤ 10% THD, program start	
				GEB115	1.15 ballast factor, two-lamp only³	
				GEB115S	1.15 ballast factor, step-dim ³	
				S5	0.95 ballast factor, SIMPLY5 system ⁴	
				ALG	Acrylic litter guard ¹	
				EL14	Emergency battery pack (nominal 1400 lumens, see Life Safety section)	
				HW	Hardwire for SIMPLY5™ system; replaces RELOC®	
				GLR	Internal fast-blow fuse ⁵	
				LP_	Lamped. Specify lamp type and color	
				PWS1836	6' prewire, 3/8" dia., 18-gauge, 3 wires	
				QFC	Quick-Flex® cable ⁵	
				NY3	New York City approved	
				CP	Chicago Plenum approved	
				APB	Air pattern control blades ¹	
				Reflector option		
				ASR	Aluminum stepped reflector	

2AV 2x4 Direct/Indirect Lighting

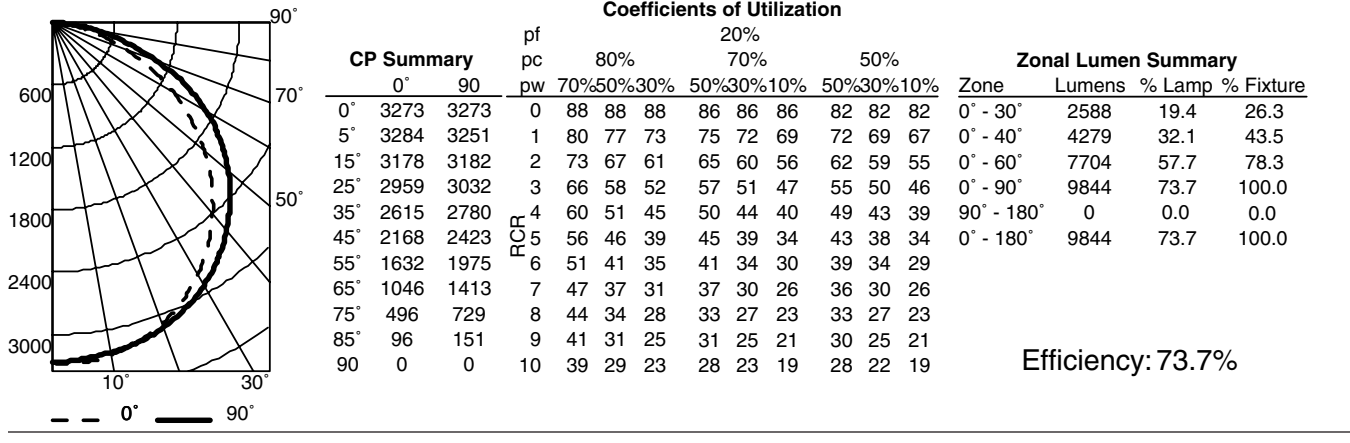
2AV G 2 28T5 MDR, (2) 28W T5 lamps, 2600 lumens per lamp, test no. LTL 8780



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

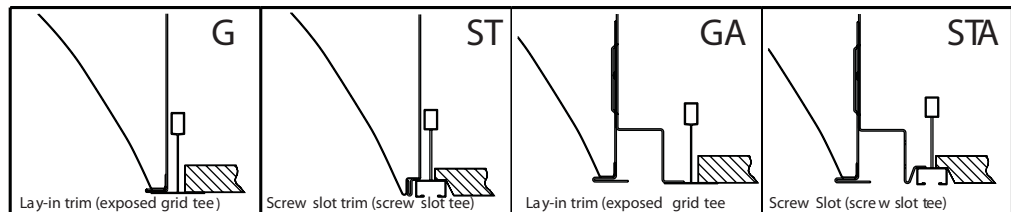


2AV G 3 54T5HO MDR, (3) 54W T5HO lamps, 4450 lumens per lamp, s/m 1.3 (along) 1.3 (across), test no. LTL 10197



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").