

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 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.

OPTICS — Matte white polyester powder paint finished reflector provides uniform light distribution. Optional 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.

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

ELECTRICAL — Highly efficient program-start electronic ballasts, Class P, thermally protected, resetting, HPF, non-PCB, UL Listed, CSA Certified. Sound rated A. 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 system with multi-level dimming. See SYNERGY® Controls Systems 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.

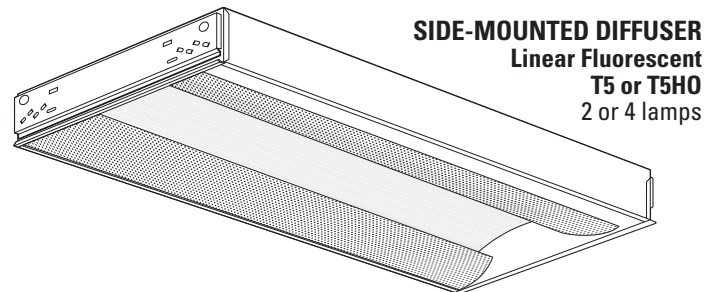
WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

NOTE: Specifications are subject to change without notice.

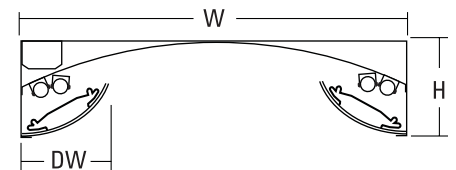
Catalog Number	
Notes	Type

Avante®
Direct/Indirect Lighting

2AV 2'x4' SMD



SIDE-MOUNTED DIFFUSER
Linear Fluorescent
T5 or T5HO
2 or 4 lamps



Specifications

Length: 48 (121.9)

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.

SIMPLY5™
LIGHTING INTELLIGENCE

ORDERING INFORMATION

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

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

2AV		SMD		Options	
Series		Lamp type	Lamp distribution		
2AV 2' wide		28T5 28W T5 (46") 54T5HO 24W T5HO (46")	SMD Side-mounted diffuser	GEB10PS	Electronic ballast, ≤ 10% THD, program start
Trim type		Number of lamps		GEB115	1.15 ballast factor, two-lamp only²
G Grid trim ST Screw slot		2 4 Not included.		GEB115S	1.15 ballast factor, step-dim ²
		Air function	Diffuser	S5	0.95 ballast factor, SIMPLY5 system ³
		(blank) Static (no air function) A Air return/supply	MDR Metal diffuser, round holes MDM Metal diffuser, mini slots Others available.	ALG	Acrylic litter guard ⁴
			Voltage	EL14	Emergency battery pack (nominal 300 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
				Reflector option	
				ASR	Aluminum stepped reflector

NOTES:

- 1 MVOLT (120 - 277 volt).
- 2 For two-lamp 28T5 only.
- 3 SIMPLY5 system includes 13' S5SSC RELOC® wiring system. Specify voltage unless HW (hardwire) or PWS1836 is ordered.
- 4 Refer to options and accessories tab for more detailed information.
- 5 Must specify voltage, 120 or 277.

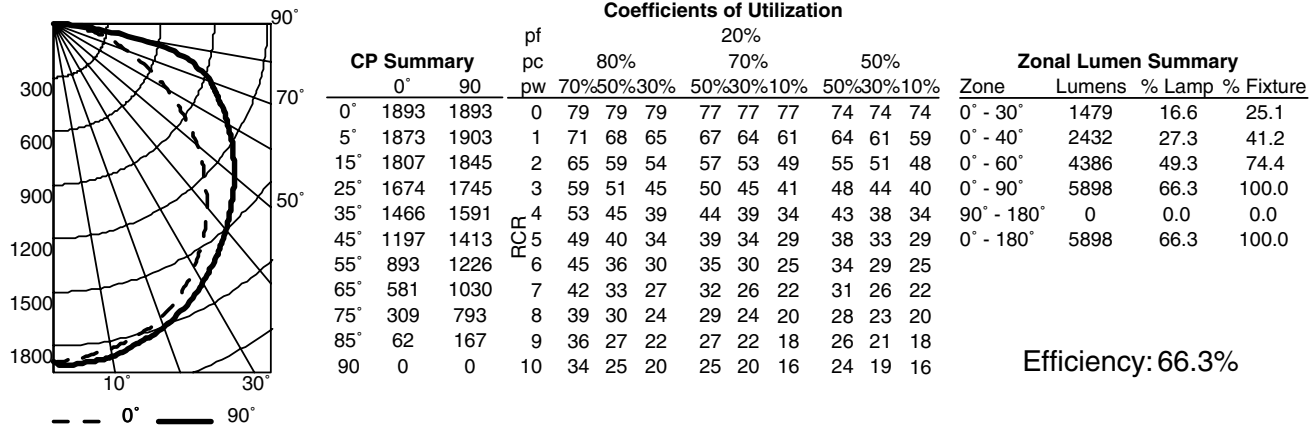
Accessories

Order as separate catalog number.

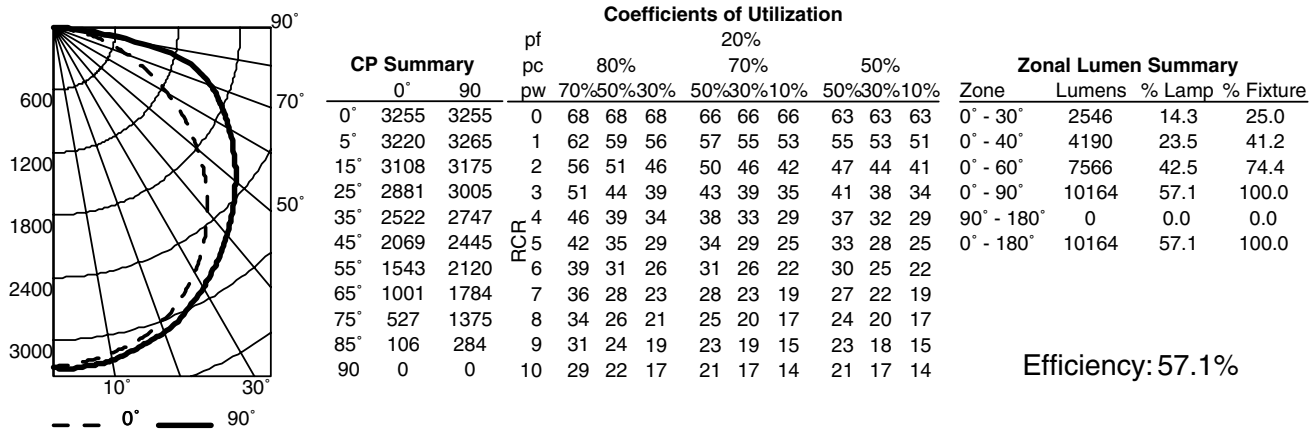
DGA24 Drywall ceiling adapter, unit installation. Use G trim plus DGA accessory for fixture trim flange and fixture support in plaster or plasterboard ceilings.

2AV 2x4 SMD Direct/Indirect Lighting

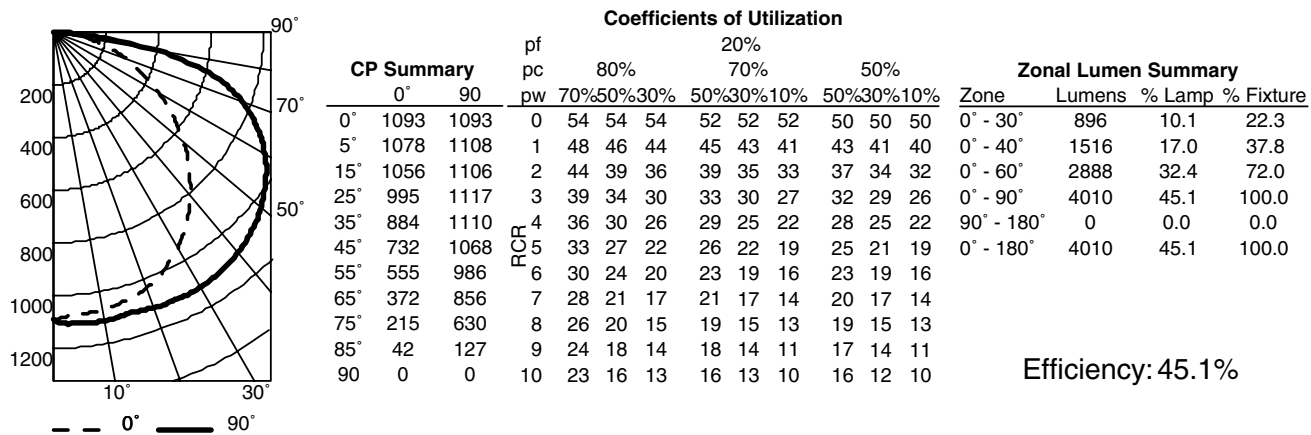
2AV G 2 54T5HO MDR SMD, (2) 54W T5HO lamps, 4450 lumens per lamp, s/m 1.2 (along) 1.3 (across), test no. LTL 10108



2AV G 4 54T5HO MDR SMD, (2) 54W T5HO lamps, 4450 lumens per lamp, s/m 1.2 (along) 1.3 (across), test no. LTL 10111

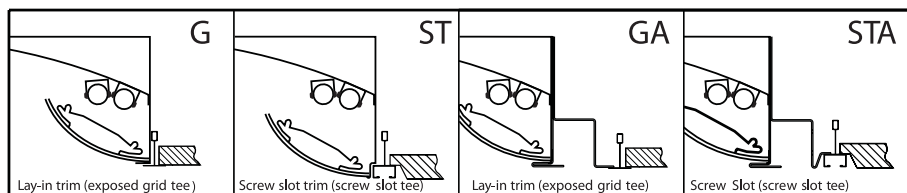


2AV G 4 54T5HO MDR SMD ASR, (2) 54W T5HO lamps, 4450 lumens per lamp, s/m 1.3 (along) 1.5 (across), test no. LTL 10109



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").