

## FEATURES & SPECIFICATIONS

**INTENDED USE** — For general area lighting or task-specific illumination in both new construction and remodeling applications. Especially suited for conference rooms, reception areas, health care institutions, educational facilities and offices. **Certain airborne contaminants can diminish integrity of acrylic.** [Click here for Acrylic Environmental Compatibility table for suitable uses.](#)

**CONSTRUCTION** — Rugged universal 4' steel channel provides platform for reflector/diffuser module. A tandem unit is an 8' channel with two 4' reflector/diffuser modules. Joiners and finished ends are injection molded from tough ABS/PC blend with integral Avante white color.

All diffusers snap into place by pivoting on joiner/light trap for easy lamp access. Injection molded joiners at each end allow fixtures to be field joined or completed as individual units with snap-on finished ends.

**OPTICS** — Down light, solid (DLS) reflector finished in high reflectance matte-white polyester powder paint provides uniform light distribution. DLS is available with aluminum stepped reflector (ASR).

Up light, round hole perforated band (ULR) reflector finished in high reflectance matte white polyester powder paint has uniform light distribution with up light accent provided by 1-3/8" wide perforated band just above lamps.

All diffusers shield 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.

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.

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

**INSTALLATION** — AVSM can be directly mounted to most ceiling surfaces. Clips provided with fixture for surface mounting on tee bar in grid tiled ceilings. With mounting accessories fixtures can be close to ceiling stem mounted or cable mounted up to 144". Fixture must be supported every 4'. Refer to the accessories tab for information on mounting configurations and limitations. Consult National Electrical Codes specifications for through wiring limitations.

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

**WARRANTY** — 1-year limited warranty. Full warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx).

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type

### Surface/Suspended Mount Lighting

# AVSM 1' X 4'



#### LINEAR FLUORESCENT

T5 or T5HO

1 or 2 Lamp

#### Specifications

Length: 48 (121.9)

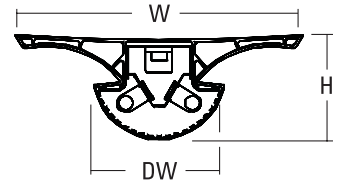
Width: 12 (30.5)

Diffuser width: 5-1/2 (14.0)

Depth: 4-3/8 (11.1)

All dimensions are inches (centimeters) unless otherwise indicated.

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.



#### ORDERING INFORMATION

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

**Example:** AVSM 2 54T5HO MDR DLS MVOLT GEB10PS

Series	Number of lamps	Lamp type	Diffuser	Light distribution	Voltage	Options
AVSM 1' wide	1	28T5 28W T5 (46")	MDR Metal diffuser, round holes	DLS Down light, solid	347 MVOLT <sup>2</sup>	GEB10PS Electronic ballast, ≤10% THD, programmed start (standard)
TAVSM 1' Wide, 8' long unit with 4' lamps end to end	2 Not included.	54T5HO 54W T5HO (46")	SBL Straight blade louver, round holes MDM Metal diffuser, mini slots Others available.	ULR Up light, round holes <sup>1</sup>	Others available.	ALG Acrylic litter guard <sup>3</sup> EL14 Emergency battery pack (nominal 1200 lumens), see Life Safety section <sup>4</sup> GLR Internal fast-blow fuse <sup>5</sup> LP__ Lamped. Specify lamp type and color CSA Listed and labeled to comply with Canadian Standards NY3 New York City approved <u>Reflector option</u> ASR Aluminum stepped reflector (only available with DLS)

Accessories: Order as separate catalog number. <sup>3</sup>	
AVACF__	Avante adjustable cable feed accessory kit for grid ceiling.
AVACF__4W	Avante adjustable four-wire cable feed accessory kit for grid ceiling.
AVAC__	Avante adjustable cable non-feed accessory kit for grid ceiling. Fixture must be supported every 4'.
SQ__	Swivel hanger; specify in 2" increments. Fixture must be supported every 4'.

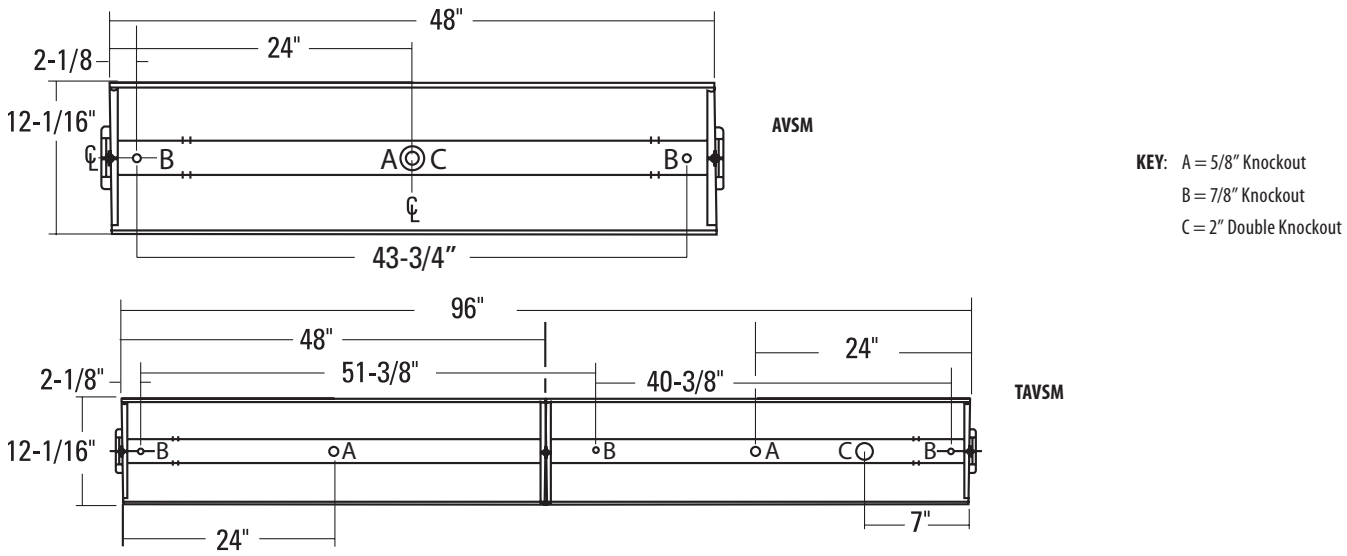
#### Notes

- For suspended mounting only.
- MVOLT (120 - 277 volt).
- Refer to options and accessories tab for more detailed information.
- Not available in Canada.
- Not available with MVOLT.

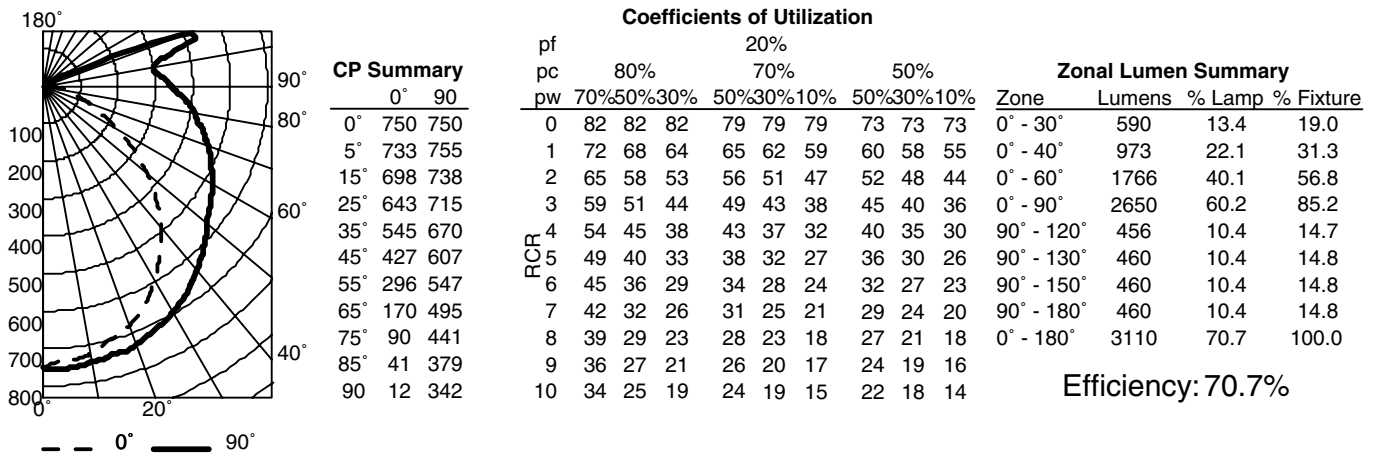
# AVSM 1 x 4 Linear Fluorescent T5

## MOUNTING DATA

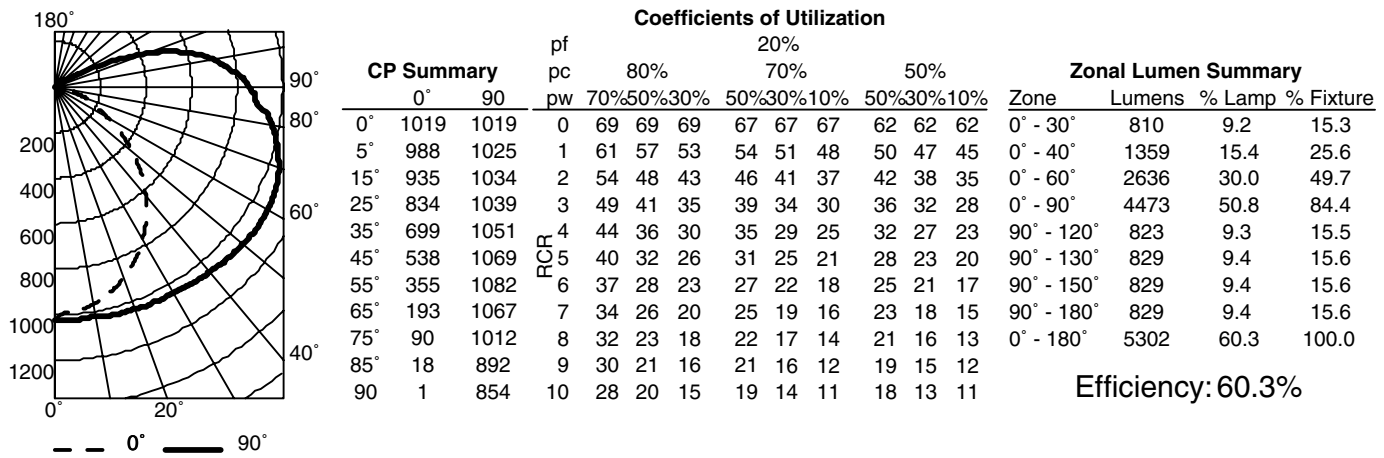
Drawings are not to scale. For dimensional purposes only.



AVSM 1 54T5HO MDR DLS, (1) 54W T5HO lamp, 4400 lumens per lamp, s/m 1.2 (along) 1.4 (across), test no. LTL 9591



AVSM 2 54T5HO SBL DLS ASR, (2) 54W T5HO lamps, 4400 lumens per lamps, s/m 1.2 (along) 1.6 (across), test no. LTL10819



\*For additional photometric information, visit [www.lithonia.com](http://www.lithonia.com).