

**CONSTRUCTION** Formed 20 gauge cold rolled steel housing. Highly reflective die-formed white painted reflector. Wiring access available on top of housing.

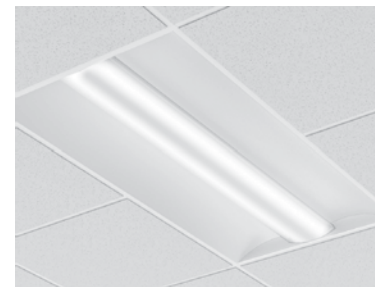
**OPTICS** Captive and hinged center satine curved, co-extruded acrylic lens with ribbed side channels evenly illuminates the side reflector giving the appearance of a fully lensed luminaire.

**ELECTRICAL** T5, T5HO: Program start 120/277 volt integral electronic ballast with less than 10% THD. Standard single circuit. Each ballast provided with disconnects to meet luminaire disconnect code requirement.

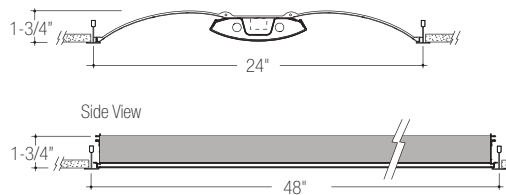
**MOUNTING** Designed to install into acoustical grid and inaccessible ceilings. Specify G1, G9 or GS for acoustical grid ceiling. Specify FL for inaccessible ceilings. Consult factory for detailed installation instructions.

**FINISH** Powder-coat white painted finish on exposed trim.

**LABELS** UL and cUL Listed, approved for dry/damp location unless otherwise noted.



Adeo Shallow 2x4 (AS24)



**LUMINAIRE SPECIFICATION**

Sample Catalog #: AS24A-2T5HO-G1-120-1C-W

HOUSING	LAMPS	MOUNTING	VOLTAGE	CIRCUIT/WIRING	FINISH	OPTIONS
AS24A- Adeo Shallow 2X4 Recessed with Satine Lens AS24R- Adeo Shallow 2X4 Recessed with Round Perf (2T5 only) AS24L- Adeo Shallow 2X4 Recessed with Linear Slot (2T5 only) AS24B- Adeo Shallow 2X4 Recessed with internal Baffle AS24BF- Adeo Shallow 2X4 Recessed Satine Lens, internal Baffle	2T5- (2) 28W T5 2T5HO- (2) 54W T5HO	Acoustical Grid Ceiling G1- 1" Ceiling Grid G9- 9/16" Ceiling Grid GS- Screw Slot Ceiling Grid  Inaccessible Ceiling FL- Standard Flange (Separate Flange Kit)	120- 120V 277- 277V 347- 347V <sup>1</sup> UNV-UNV <sup>2</sup> (120/277)	1C- Single Circuit, Normal 2C- Dual Circuit, Normal <sup>3</sup> 1D- Single Circuit Dimming <sup>7</sup> 2D- Dual Circuit Dimming <sup>3,7</sup> 1E- Single Circuit with Emergency Circuit <sup>7</sup> 1B- Single Circuit with a Battery Pack <sup>7</sup>	W- White	QS- Quick Ship <sup>4</sup> TW- Through-Wired <sup>5</sup> SW- Step Switching (T5) <sup>7</sup> DSM- Integral Daylight Sensor Master - Sensor Included <sup>6,7</sup> DSS- Integral Daylight Sensor Satellite - Sensor Not Included <sup>6,7</sup> GLR- Internal Fast-Blow Fuse AR- Air Return CP- Chicago Plenum FW6- 6', 18-gauge, Flex Whip FW12- 12', 18-gauge, Flex Whip AM- Antimicrobial Paint SI- Seismic Clips

<sup>1</sup>Consult factory for 347 volt ballast.

<sup>2</sup>Not available for use with a battery pack.

<sup>3</sup>Dual circuit available for 2 (side-by-side) lamp configurations.

<sup>4</sup>Quick Ship includes universal voltage, white finish, Chicago Plenum, single (1C) and dual circuit (2C).

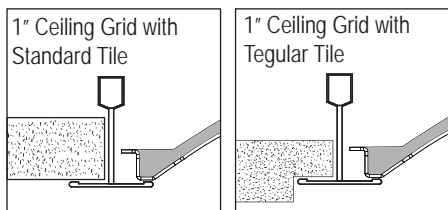
<sup>5</sup>Individual fixtures are through-wired for continuous pattern. Fixtures cannot be joined.

<sup>6</sup>See back page for ordering information. Requires 0-10 volt dimming.

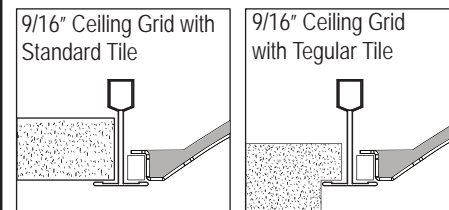
<sup>7</sup>Some Adeo configurations will not accommodate all options. Consult factory.

**MOUNTING DETAIL**

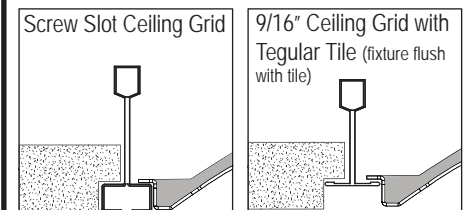
**G1 (1" Ceiling Grid) Mounting Options**

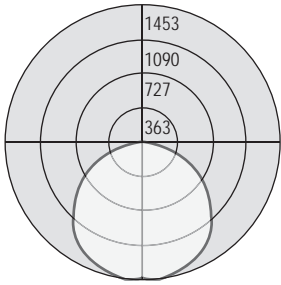


**G9 (9/16" Ceiling Grid) Mounting Options**

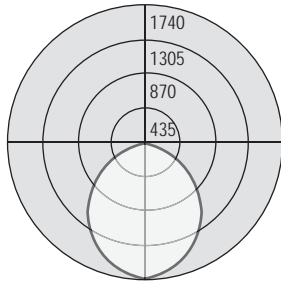


**GS (Screw Slot Grid) Mounting Options**

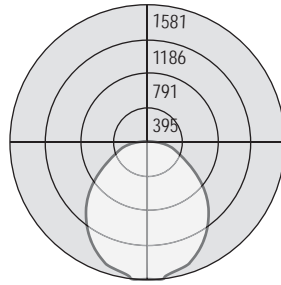




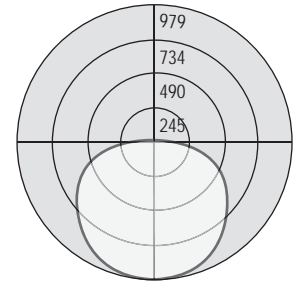
Test #: 203591  
Part #: AS24A-2T5  
Total Luminaire Efficiency: 90.6%



Test #: 203597  
Part #: AS24B-2T5  
Total Luminaire Efficiency: 89.3%



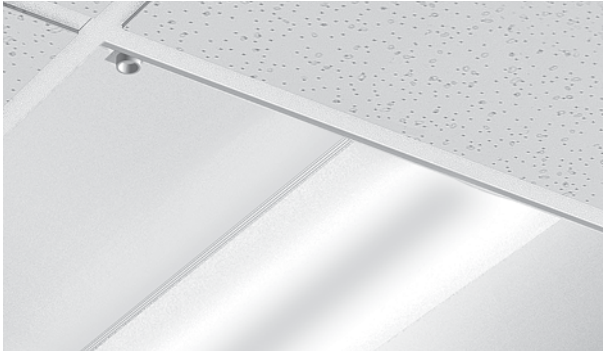
Test #: 203700  
Part #: AS24BF-2T5  
Total Luminaire Efficiency: 84.6%



Test #: 203603  
Part #: AS24R-2T5 and AS24L-2T5  
Total Luminaire Efficiency: 65.4%

FEATURES AND OPTIONS

• INTEGRAL DAYLIGHT SENSOR



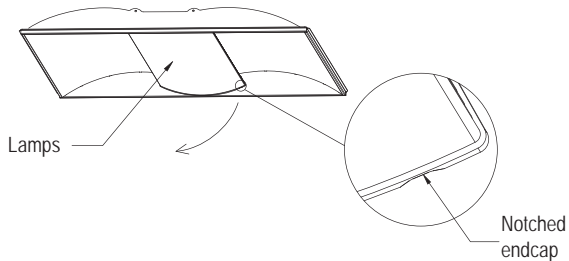
**APPLICATION:** Daylight sensor is a turn key solution for lighting control. Integral sensor is wired to the 0-10 volt dimming ballast at the factory. No additional wiring is required by the contractor.

**DAYLIGHT SENSOR:** Daylight sensor dims lights based on electric light and presence of daylight. Sensor can control up to 20 dimming ballasts. Sensor is factory calibrated to 45 footcandles (fc), adjustable by 1/3 to 3 times the default setting by rotating the aperture.

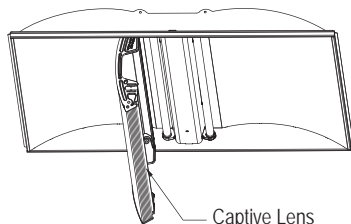
**ORDERING INFORMATION:** Specify "DSM" or "DSS" in the Options section of the part number when ordering Integral Daylight Sensor. Daylight Sensor Master (DSM) includes the fixture with sensor and dimming ballast. Controls DSS units. Daylight Sensor Satellite (DSS) includes the fixture with a sensor compatible dimming ballast only. Must be used in conjunction with a DSM unit. (0-10v) dimming must be utilized.

(Sample Catalog #: AS24A-2T5-G1-120-1C-W-DSM)

• LAMP MAINTENANCE



**OPENING THE LENS:** Locate notch on the fixture endcap. Pull down on the notched side to release the lens. Lens swings open.



**ACCESSING THE LAMPS:** Lamps are accessible once lens is open. Lens remains captive to fixture housing during lamp maintenance.

• AIR RETURN



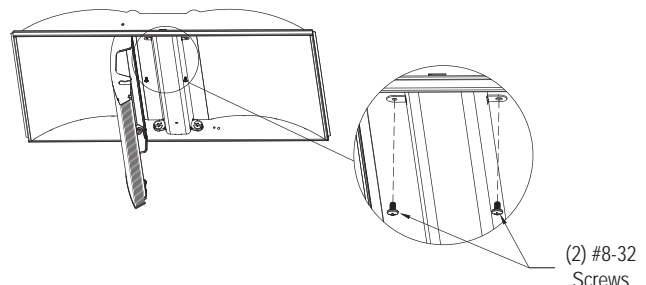
**APPLICATION:** Air Return is an alternative method for allowing air to access the plenum. Optional Air Return slots are located on side panels. Slots are evenly spaced for most efficient air flow into plenum with minimal distraction to fixture appearance.

**TECHNICAL:** Air Return component is integral to the fixture housing. Made of 20 gauge cold rolled steel painted. Slot size is .50" x .06" and spaced .12" apart from each other.

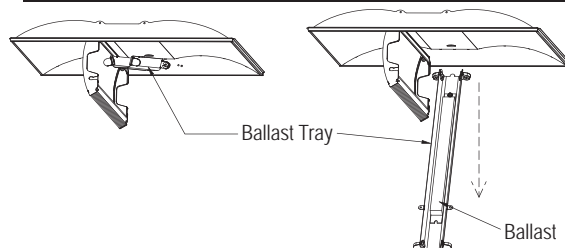
**ORDERING INFORMATION:** Specify Air Return in the options section of the part number.

(Sample Catalog #: AS24A-2T5-G1-120-1C-W-AR)

• BALLAST MAINTENANCE



**REMOVING BALLAST SCREWS:** Remove (2) screws holding the ballast tray. Be sure to hold tray while removing the screws.



**REMOVING BALLAST TRAY:** Gently pull on socket and ballast tray will release from housing. Ballast is fully accessible.