



# TENSIONED ADVANTAGE® ELECTROL® (OVER 12' x 12')

Automatic Electric Projection Screen Model

## SPECIFICATION DATA

DA-LITE SCREEN COMPANY, INC.  
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**SUGGESTED SPECIFICATIONS:** \_\_\_\_\_ projection screen(s), \_\_\_\_\_ (H) x \_\_\_\_\_ (W), electrically operated 120 volt (60 Hz) not more than 2.4 amp. with a quick connect male plug-in connector on the motor. Shall have specially designed motor mounted inside the roller, to be three wire with ground, quick reversal type, oiled for life, with automatic thermal overload cutout, integral gears, capacitor and an electric brake to prevent coasting. To have preset but adjustable limit switches to automatically stop picture surface in the "up" and "down" positions. Junction box shall be internally integrated into the housing making it possible to install the housing and wire to the building's electrical system during construction. The junction box shall contain a quick connect connector that is mounted in the housing for easy plug-in connection to the motorized fabric and roller assembly. The motorized fabric and roller assembly to be installed in the case at the factory or at a later time at the job site. The fabric roller to be of 4½" diameter (5¾" if 270" diagonal, 275" diagonal, or 298" diagonal) metal. Screen to be designed for left or right-hand motor installation. Screen fabric to be seamless, flame retardant and mildew resistant vinyl with black masking borders standard. Each side of the fabric to have tab guide cable system to maintain even lateral tension and hold surface flat. Custom slat bar with added weight maintains vertical tension on the screen surface. The ends of the slat to be protected by heavy duty plastic caps enclosing a preset adjustable mechanism for screen tensioning. Case to be made of extruded aluminum powder coated white. End caps to be of heavy gauge steel powder coated white. Bottom of case to have a removable access door. Door to be of extruded aluminum powder coated white. Bottom of case to be self-trimming, with a built-in flange around the bottom of the case. To be completed with a three-position control switch and cover plate. Suitable for use in environmental air space in accordance with section 300-22 (c) of the National Electric Code, and sections 2-128, 12-010 (3) and 12-100 of the Canadian Electrical Code, part 1, CSA C22.1. Screen to be listed by Underwriters' Laboratories.

**All surfaces will be seamless.**

**All viewing surfaces are standard with black backing except Da-Tex® and Dual Vision.**



### VIDEO (NTSC 4:3) FORMAT DIMENSIONS

Viewing Area		Nominal Diagonal		Overall Length of Case (does not include flange)		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	In.	Cm	Lbs.	Kg
126" x 168"	320 x 427	210"	533	199¼"	506	773	350.6
132" x 176"	335 x 447	220"	559	208¼"	529	801	363.3
144" x 192"	366 x 488	240"	610	225¾"	573	857	388.7
162" x 216"	411 x 549	270"	686	251¼"	638	935	424.1

### HDTV (16:9) FORMAT DIMENSIONS

Viewing Area		Nominal Diagonal		Overall Length of Case (does not include flange)		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	In.	Cm	Lbs.	Kg
108" x 192"	274 x 488	220"	559	220¾"	561	835	378.7
121" x 216"	307 x 549	247"	627	246¾"	627	904	410.0
135" x 240"	343 x 610	275"	699	272¾"	693	1001	454.0
146" x 260"	371 x 660	298"	757	294¼"	747	1073	486.7

### SQUARE FORMAT DIMENSIONS

Sizes		Overall Length of Case (does not include flange)		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	Lbs.	Kg
10'6" x 14'	320 x 427	203½"	517	787	357.0
14' x 14'	427 x 427	210½"	535	816	370.1
12' x 16'	366 x 488	230"	584	875	396.9

**All screens standard with 12" black drop at the top except 270" diagonal, which has 2".**

Extra drop may alter case dimensions. Contact Da-Lite for details.

Overall case length dimensions ±¼".

Detail dimensional drawings, wiring diagrams and installation instructions available upon request.








Specifications subject to change without notice.

Custom formats and sizes available upon request.

**WHEN ORDERING, MARK APPROPRIATE SELECTIONS:**

Select size from charts above.

**Select viewing surface:**

- Da-Mat® 
- High Contrast Da-Mat® 
- Dual Vision 
- High Contrast Cinema Vision 
- Cinema Vision 
- Pearlescent 
- Da-Text® (Rear) 

 GREENGUARD® and GREENGUARD® Children and Schools Certified.

**Options:**

- Single Motor Low Voltage Control (LVC) - external.
- Single Motor Low Voltage Control (LVC) - built-in.
- Wireless Remote Control for LVC.
  - Radio Frequency Remote.
    - Radio Frequency Range Extender available
  - Infrared Remote.
- Key Locking Cover Plate for 120V or LVC Switch.
- Key Operated Switch for 120V only (NOTE: Cannot be used with LVC).
- 220 Volt (50 Hz) Motor.
- Video Projector Interface Control - external.
- SCB-100 RS-232 Serial Control Board - built in.
  - NET-100 Ethernet-Serial Adapter
- SCB-100 RS-232 Serial Control Board - external.
  - NET-100 Ethernet-Serial Adapter

Project:	_____
	_____
Architect:	_____
Phone:	_____
Contractor:	_____
Phone:	_____
Supervisor:	_____
Phone:	_____
Supplier:	_____
Date:	_____
Revised:	_____

**TENSIONED ADVANTAGE® ELECTROL®  
SUGGESTED METHODS OF INSTALLATION**

