



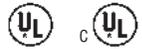
TENSIONED ADVANTAGE® ELECTROL®

Automatic Electric Projection Screen Model

DA-LITE SCREEN COMPANY, INC.
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SPECIFICATION DATA

SUGGESTED SPECIFICATIONS: _____ projection screen(s), _____ (H) x _____ (W), electrically operated 120 volt (60 Hz) 2.0 amp. with a four prong male plug-in connector on the motor. Motor to be specially designed and mounted inside the roller with a patented noise silencer to be three wire quick reversal type, oiled for life, with automatic thermal overload cut-out, 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 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 four prong 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 rigid aluminum, 3³/₁₆" in diameter. Screen to be designed for left or right-hand motor installation. Screen fabric to be seamless, flame retardant and mildew resistant vinyl, with Da-Mat®, High Contrast Da-Mat®, Cinema Vision, High Contrast Cinema Vision, High Contrast Cinema Perf, Pearlescent, Audio Vision, High Contrast Audio Vision, Da-Tex® (rear) or Dual Vision surface with black masked 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 aluminum slat to be protected by heavy duty plastic plugs. Top, front and back of case to be made of extruded aluminum painted white. End caps to be of heavy gauge steel, with case and end caps painted white. Bottom of case to have a removable access door. Door to be of extruded aluminum painted 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.



VIDEO FORMAT DIMENSIONS

Viewing Area		Nominal Diagonal		Overall Length of Case		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	In.	Cm	Lbs.	Kg
43" x 57"	109 x 145	72"	183	72 ¹ / ₂ "	184	77	34.9
50" x 67"	127 x 170	84"	213	83 ¹ / ₂ "	212	86	39.0
60" x 80"	152 x 203	100"	254	97 ¹ / ₂ "	248	98	44.5
69" x 92"	175 x 234	120"	305	111 ¹ / ₂ "	283	111	50.3
87" x 116"	221 x 295	150"	381	138 ¹ / ₂ "	352	135	61.2
108" x 144"	274 x 366	180"	457	163 ¹ / ₂ "	415	151	68.5
120" x 160"	305 x 406	200"	508	180 ¹ / ₂ "	458	169	76.7

HDTV FORMAT DIMENSIONS

Viewing Area		Nominal Diagonal		Overall Length of Case		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	In.	Cm	Lbs.	Kg
45" x 80"	114 x 203	92"	234	96"	244	92	41.7
52" x 92"	132 x 234	106"	269	108 ¹ / ₂ "	276	99	44.9
54" x 96"	137 x 244	110"	279	113"	287	104	47.2
58" x 104"	147 x 264	119"	302	121 ¹ / ₂ "	309	114	51.7
65" x 116"	165 x 295	133"	338	134 ¹ / ₂ "	342	135	61.2
78" x 139"	198 x 353	159"	404	159 ¹ / ₂ "	405	148	67.1

16:10 WIDE FORMAT DIMENSIONS

Viewing Area		Nominal Diagonal		Overall Length of Case		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	In.	Cm	Lbs.	Kg
50" x 80"	127 x 203	94"	239	96 ¹ / ₂ "	245	92	41.7
60" x 96"	152 x 244	113"	287	114"	290	104	47.2
69" x 110"	175 x 279	130"	330	129"	328	125	56.7
87" x 139"	221 x 353	164"	417	156 ¹ / ₂ "	398	148	67.1

DIMENSIONS

Sizes		Overall Length of Case		Approx. Ship. Wt.	
H x W	Cm	In.	Cm	Lbs.	Kg
50" x 50"	127 x 127	66 ¹ / ₂ "	169	70	31.8
60" x 60"	152 x 152	77 ¹ / ₂ "	197	80	36.3
70" x 70"	178 x 178	89"	226	90	40.8
84" x 84"	213 x 213	105 ¹ / ₂ "	268	104	47.2
6' x 8'	183 x 244	115 ¹ / ₂ "	293	114	51.7
8' x 8'	244 x 244	119"	302	116	52.6
7' x 9'	213 x 274	129 ¹ / ₂ "	329	126	57.2
9' x 9'	274 x 274	128"	325	124	56.2
8' x 10'	244 x 305	143"	363	132	59.9
10' x 10'	305 x 305	140"	356	135	61.2
9' x 12'	274 x 366	163 ¹ / ₂ "	415	151	68.5
12' x 12'	366 x 366	168 ¹ / ₂ "	428	156	70.8

All screens standard with 12" black drop at the top.

Extra drop may alter case dimensions. Contact Da-Lite for details.
 Electrical junction box extends 2 7/8" past case length on left end of case (1 1/8" past mounting flange).
 Internal junction box available (will add 3 1/2" to overall case length and must be specified at time of order).

Overall case length dimensions ±1/4".
 Detail dimensional drawings, wiring diagrams and installation instructions available upon request.
 Specifications subject to change without notice.
 Custom formats and sizes available upon request.

All surfaces will be seamless.

All viewing surfaces are standard with black backing except Da-Tex and Dual Vision.
Audio Vision, High Contrast Audio Vision and High Contrast Cinema Perf available in sizes up to 87" x 116" in Video format and 78" x 139" in HDTV format.

WHEN ORDERING, MARK APPROPRIATE SELECTIONS:

Select size from charts above.

Select viewing surface:

- | | |
|---|--|
| <input type="checkbox"/> Da-Mat® | <input type="checkbox"/> Cinema Vision |
| <input type="checkbox"/> High Contrast Da-Mat® | <input type="checkbox"/> High Contrast Cinema Vision |
| <input type="checkbox"/> Audio Vision | <input type="checkbox"/> High Contrast Cinema Perf |
| <input type="checkbox"/> High Contrast Audio Vision | <input type="checkbox"/> Dual Vision |
| <input type="checkbox"/> Pearlescent | <input type="checkbox"/> Da-Tex® (Rear) |

Options:

- Single Motor Low Voltage Control (LVC) - external.
- Single Motor Low Voltage Control (LVC) - built-in.
- Wireless Remote Control for LVC.
 - Radio Frequency Remote.
 - Infrared Remote.
- Key Locking Cover Plate for 120V or LVC Switch.
- Silent Motor for sizes up to 9'x12'.
- Silent Motor with Integrated LVC for sizes up to 9'x12'.
- Key Operated Switch for 120V only (NOTE: Cannot be used with LVC).
- 220 Volt (50 Hz) Motor.

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

- Video Projector Interface Control.
- SCB-100 RS-232 Serial Control Board - external.
 - NET-100 Ethernet-Serial Adapter
- SCB-100 RS-232 Serial Control Board - built-in (adds 10" to overall length of case).
 - NET-100 Ethernet-Serial Adapter
- SCB-200 RS-232 Serial Control Board - built-in (adds 10" to overall length of case).
 - NET-200 Ethernet-Serial Adapter
 - WC-200 Wall Controller
 - IR-200 Infrared Remote

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

