



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

Automatic Electric Projection Screen Model

## SPECIFICATION DATA

DA-LITE SCREEN COMPANY, INC.  
3100 North Detroit Street  
Post Office Box 137  
Warsaw, Indiana 46581-0137  
Phone: 574-267-8101  
800-622-3737  
Fax: 574-267-7804  
Toll Free Fax: 877-325-4832  
www.da-lite.com  
e-mail: info@da-lite.com

**SUGGESTED SPECIFICATIONS:** \_\_\_\_\_ projection screen(s), \_\_\_\_\_ (H) x \_\_\_\_\_ (W). The Advantage® Deluxe Screen shall have two motors, one to operate door and one to operate screen. Door motor electrically operated 120 volt (60 Hz) not more than 1.2 amp, 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 pre-set but adjustable limit switches to automatically stop fabric door in the open position. The roller to be of 1.6" diameter aluminum. Screen motor is electrically operated 120 volt (60 Hz) not more than 2.4 amp, 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 pre-set but adjustable limit switches to automatically stop picture surface in the "up" and "down" positions. Rigid metal roller, to be at least 5/8" in diameter (on screens 14' to 18' wide) or 7" in diameter (on screens where either height or width equal or exceed 20'). Screen fabric to be flame retardant and mildew resistant fiberglass with black masking borders standard. Bottom of fabric shall be formed into a pocket holding a metal rod with plastic caps. Case shall be a white powder coated aluminum extrusion. Bottom of case to be self-trimming with a built-in flange around the bottom of the case. A section of the bottom of the case shall be a retractable aluminum door that opens and closes automatically with the lowering and raising of the picture surface. The balance of the bottom of the case shall be a second aluminum door with manual opening to provide access. 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. To be complete with integrated low voltage control unit and three position control switch with 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.

**Matte White:** Horizontal seam required when both dimensions exceed 16'.



### VIDEO (NTSC 4:3) FORMAT DIMENSIONS (2" standard black drop at top)

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
123" x 164"	312 x 417	210"	533	183½"	466	769	348.8
141" x 188"	358 x 478	240"	610	207½"	527	850	385.6
159" x 212"	404 x 538	265"	673	231½"	588	934	423.7
177" x 236"	450 x 599	295"	749	255½"	649	1048	475.4

### HDTV (16:9) FORMAT DIMENSIONS (2" standard black drop at top)

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
106" x 188"	269 x 478	216"	549	207½"	527	840	381.0
119" x 212"	302 x 538	243"	617	231½"	588	920	417.3
133" x 236"	338 x 599	271"	688	255½"	649	1023	464.0

### SQUARE FORMAT DIMENSIONS (screens with ^ have 2" standard black drop at top)

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	183½"	466	767	347.9
14' x 14'	427 x 427	183½"	466	778	352.9
12' x 16' ^	366 x 488	207½"	527	853	386.9
16' x 16'	488 x 488	207½"	527	868	393.7
13'6" x 18' ^	411 x 549	231½"	588	937	425.0
18' x 18'	549 x 549	231½"	588	956	433.6
15' x 20' ^	457 x 610	255½"	649	1052	477.2
20' x 20'	610 x 610	255½"	649	1075	487.6
16'6" x 22' ^	503 x 671	279½"	710	1145	519.4
22' x 22'	671 x 671	279½"	710	1172	531.6
18' x 24' ^	549 x 732	303½"	771	1235	560.2

Overall case length dimensions ± ¼" (6mm).

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 on the other side.**

**Select viewing surface:**

☐ Matte White

☒ GREENGUARD® and GREENGUARD® Children and Schools Certified.

**Optional Accessories:**

- ☐ Extra Drop available to lower picture area more than normal. Specify total drop at top \_\_\_\_ (black or white) or at bottom \_\_\_\_ (black or white). 22' maximum total surface height including picture area except for 24' wide, where maximum drop is 18'.
- ☐ No borders (Black masking borders standard).
- ☐ Wireless Remote Control for LVC.
  - ☐ Radio Frequency Remote
  - ☐ Radio Frequency Range Extender available
  - ☐ Infrared Remote
- ☐ Key Locking Cover Plate for 120 V Switch or LVC.
- ☐ 220/240 Volt (50 Hz) Motor.

Project: \_\_\_\_\_  
\_\_\_\_\_  
Architect: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Contractor: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Supervisor: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Supplier: \_\_\_\_\_  
Date: \_\_\_\_\_  
Revised: \_\_\_\_\_

**ADVANTAGE® DELUXE ELECTROL®**

**SUGGESTED CEILING INSTALLATION**

