Tensioned Contour® Electrol®

Automatic Electric Projection Screen

DA-LITE

SPECIFICATION DATA

SUGGESTED SPECIFICATIONS: _____ projection screen(s), _____ (H) x _____ (W), electrically operated 120 volt (60 Hz) not more than 2.4 amp. 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 the 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 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 may be installed in the case at the factory or at a later time at the job site. The roller to be of rigid metal. Roller mounting brackets to be adjustable to allow centering or offsetting of the screen within the case. Screen case to be a two piece design made of extruded aluminum. Case to be finished in white, lightly textured powder coat. Screen fabric to be mildew resistant vinyl with black masking borders standard. Each side of fabric to have a tab guide cable system to maintain even lateral tension and hold surface flat. Bottom of fabric to be inserted into a custom aluminum slat bar with added weight to provide 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. To be complete with integrated low voltage control unit and three position control switch and cover plate. Screen to be listed by Underwriters' Laboratories.

c(UL)us

Effective January 1, 2017 the standard case color changed from black to white. Black case is available upon request.

HDTV (16:9) Format Dimensions

Viewing Area (H x W)		Nominal Diagonal		Overall Length of Case For Vinyl Surfaces*		Overall Length of Case For Parallax Surface		Approx. Ship. Wt.	
In.	Cm	In.	Cm	In.	Cm	In.	Cm	Lbs.	Kg
45" x 80"	114 x 203	92"	234	100¼"	255	99¼"	252	79	35.8
52" x 92"	132 x 234	106"	269	113¼"	288	111¾"	284	83	37.6
54" x 96"	137 x 244	110"	279	117¼"	298	116¼"	295	86	39
58" x 104"	147 x 264	119"	302	125¾"	319	-	-	95	43.1
65" x 116"	165 x 295	133"	338	138¾"	352	-	-	114	51.7
78" x 139"	198 x 353	159"	404	159¾"	406	-	-	134	60.8
90" x 160"	229 x 406	184"	467	181¾"	462	-	-	148	67.3

Wide (16:10) Format Dimensions

Viewing Area (H x W)		Nominal Diagonal		Overall Length of Case For Vinyl Surfaces*		Overall Length of Case For Parallax Surface		Approx. Ship. Wt.	
In.	Cm	In.	Cm	In.	Cm	In.	Cm	Lbs.	Kg
50" x 80"	127 x 203	94"	239	100¾"	256	99¾"	253	77	34.9
57½" x 92"	146 x 234	109"	277	112¾"	286	112¼"	285	83	37.6
60" x 96"	152 x 244	113"	287	118¾"	302	-	-	92	41.7
65" x 104"	165 x 264	123"	312	126¾"	322	-	-	95	43.1
69" x 110"	175 x 279	130"	330	133¼"	338	-	-	104	47.2
72½" x 116"	184 x 295	137"	348	138¾"	352	-	-	114	51.7
87" x 139"	221 x 353	164"	417	160¾"	408	-	-	126	57.2
100" x 160"	254 x 406	189"	480	181¾"	462	-	-	148	67.1

Video (NTSC 4:3) Format Dimensions

Viewing Area (H x W)		Nominal Diagonal		Overall Length of Case For Vinyl Surfaces*		Approx. Ship. Wt.	
In.	Cm	In.	Cm	In.	Cm	Lbs.	Kg
43" x 57"	109 x 145	72"	183	77¼"	196	66	29.9
50" x 67"	127 x 170	84"	213	87¾"	223	73	33.1
60" x 80"	152 x 203	100"	254	102¼"	260	84	38.1
69" x 92"	175 x 234	120"	305	111¾"	284	94	42.6
87" x 116"	221 x 295	150"	381	137¼"	349	114	51.7
108" x 144"	274 x 366	180"	457	167¾"	426	135	61.2
120" x 160"	305 x 406	200"	508	184¼"	468	148	67.1

*Vinyl surfaces include all HD Progressive, Da-Mat, Pearlescent, Cinema Vision, Da-Tex and Dual Vision surfaces

PRODUCT NOTES

- **All screens except Parallax standard with 12" black drop at the top. Screens with Parallax surface standard with 2" of black drop at the top.**
- Extra drop may alter case dimensions. Contact Da-Lite for details.
- 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.

SURFACE INFORMATION

- All viewing surfaces are standard with black backing except Da-Tex® and Dual Vision.
- Parallax available in sizes up to 58" x 104" in HDTV format and 57½" x 92" in Wide format.
- HD Progressive 1.1 Perf and High Contrast Cinema Perf available in sizes up to 87" x 116" in Video format and 78" x 139" in HDTV format.
- All surfaces will be seamless in the image area.
- All HD Progressive, Da-Mat, Pearlescent, Cinema Vision, Da-Tex and Dual Vision surfaces are fire retardant.

WHEN ORDERING, MARK APPROPRIATE SELECTIONS

1. Select size from charts on the other side..

2. Select viewing surface (All Da-Lite surfaces are GREENGUARD GOLD Certified.):

- ○ Parallax 0.8
- ○ HD Progressive 0.6
- ○ HD Progressive 0.9
- ○ HD Progressive 1.1
- ○ HD Progressive 1.3
- ○ HD Progressive 1.1 Perf
- ○ Da-Mat®

- ○ High Contrast Da-Mat®
- ○ Cinema Vision
- ○ Pearlescent
- ○ High Contrast Cinema Vision
- ○ High Contrast Cinema Perf
- ○ Da-Tex® (Rear)
- ○ Dual Vision

3. Options:

- ☐ 220 Volt (50 Hz) Motor.
- ☐ Video Projector Interface Control – built-in (adds 3¾" to case length of 220V motor version).
- ☐ SCB-100 RS-232 Serial Control Board – built in (adds 3¾" to length of case).
  - ☐ NET-100 Ethernet-Serial Adapter
- ☐ SCB-200 RS-232 Serial Control Board – built-in (adds 3¾" to length of case).
  - ☐ NET-200 Ethernet-Serial Adapter.
  - ☐ WC-200 Wall Controller.
  - ☐ IR-200 Infrared Remote.

- ☐ Veneer Case Cover (Choose from six standard veneers).
  - ☐ Light Oak
  - ☐ Medium Oak
  - ☐ Natural Walnut
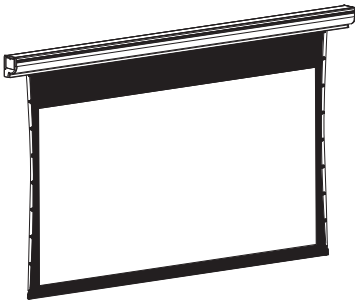 - ☐ Heritage Walnut
  - ☐ Mahogany
  - ☐ Cherry
- ☐ Black case (white standard).

  Effective January 1, 2017 the standard case color changed from black to white.
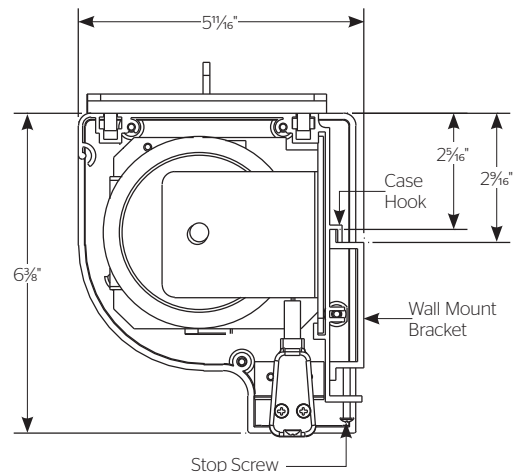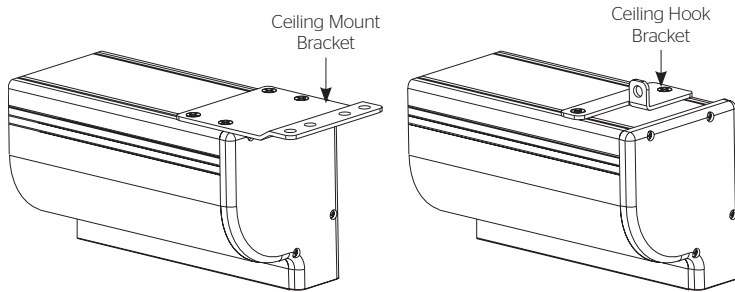
4. Optional accessories:

- ☐ Wireless Remote Control for LVC.
  - ☐ Radio Frequency Remote.
    - ☐ Radio Frequency Range Extender available.
  - ☐ Infrared Remote.
- ☐ Key Locking Cover Plate for LVC Switch.

PRODUCT VIEW

SUGGESTED METHODS OF INSTALLATION

Ceiling Mount Bracket

Ceiling Hook Bracket

5¹¹⁄₁₆"

2⁵⁄₁₆"

2⁹⁄₁₆"

6⅜"

Case Hook

Wall Mount Bracket

Stop Screw

DA-LITE®

Project Name: _____

Architect: _____ Phone: _____

Contractor: _____ Phone: _____

Date: _____ Revised: _____