



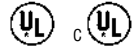
TENSIONED CONTOUR® ELECTROL®

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. 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 black, lightly textured powder coat. Screen fabric to be flame retardant and 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. Screen to include a three-position control switch and cover plate. Screen to be listed by Underwriters' Laboratories.



All viewing 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.

VIDEO (NTSC 4:3) FORMAT DIMENSIONS

| Viewing Area | | Nominal Diagonal | | Overall Length of Case | | Approx. Ship. Wt. | |
|--------------|-----------|------------------|-----|-----------------------------------|-----|-------------------|------|
| In. | Cm | In. | Cm | In. | Cm | Lbs. | Kg |
| 43" x 57" | 109 x 145 | 72" | 183 | 77 ¹ / ₄ " | 196 | 66 | 29.9 |
| 50" x 67" | 127 x 170 | 84" | 213 | 87 ³ / ₄ " | 223 | 73 | 33.1 |
| 60" x 80" | 152 x 203 | 100" | 254 | 102 ¹ / ₄ " | 260 | 84 | 38.1 |
| 69" x 92" | 175 x 234 | 120" | 305 | 111 ³ / ₄ " | 284 | 94 | 42.6 |
| 87" x 116" | 221 x 295 | 150" | 381 | 137 ¹ / ₄ " | 349 | 114 | 51.7 |
| 108" x 144" | 274 x 366 | 180" | 457 | 167 ³ / ₄ " | 426 | 135 | 61.2 |
| 120" x 160" | 305 x 406 | 200" | 508 | 184 ¹ / ₄ " | 468 | 148 | 67.1 |

HDTV (16:9) FORMAT DIMENSIONS

| Viewing Area | | Nominal Diagonal | | Overall Length of Case | | Approx. Ship. Wt. | |
|--------------|-----------|------------------|-----|-----------------------------------|-----|-------------------|------|
| In. | Cm | In. | Cm | In. | Cm | Lbs. | Kg |
| 45" x 80" | 114 x 203 | 92" | 234 | 100 ¹ / ₄ " | 255 | 79 | 35.8 |
| 52" x 92" | 132 x 234 | 106" | 269 | 113 ¹ / ₄ " | 288 | 83 | 37.6 |
| 54" x 96" | 137 x 244 | 110" | 279 | 117 ¹ / ₄ " | 298 | 86 | 39.0 |
| 58" x 104" | 147 x 264 | 119" | 302 | 125 ³ / ₄ " | 319 | 95 | 43.1 |
| 65" x 116" | 165 x 295 | 133" | 338 | 138 ³ / ₄ " | 352 | 114 | 51.7 |
| 78" x 139" | 198 x 353 | 159" | 404 | 159 ³ / ₄ " | 406 | 134 | 60.8 |
| 90" x 160" | 229 x 406 | 184" | 467 | 181 ¹ / ₄ " | 460 | 148 | 67.3 |

SQUARE FORMAT DIMENSIONS

| Sizes | | Overall Length of Case | | Approx. Ship. Wt. | |
|-----------|-----------|-----------------------------------|-----|-------------------|------|
| H x W | Cm | In. | Cm | Lbs. | Kg |
| 50" x 50" | 127 x 127 | 70 ³ / ₄ " | 180 | 61 | 27.7 |
| 60" x 60" | 152 x 152 | 82 ¹ / ₄ " | 209 | 69 | 31.3 |
| 70" x 70" | 178 x 178 | 93 ³ / ₄ " | 238 | 77 | 34.9 |
| 84" x 84" | 213 x 213 | 105 ¹ / ₄ " | 267 | 88 | 39.9 |
| 6' x 8' | 183 x 244 | 115 ³ / ₄ " | 294 | 97 | 44.0 |
| 8' x 8' | 244 x 244 | 118 ¹ / ₄ " | 300 | 100 | 45.4 |
| 7' x 9' | 213 x 274 | 129 ¹ / ₄ " | 328 | 108 | 49.0 |
| 9' x 9' | 274 x 274 | 131 ³ / ₄ " | 335 | 105 | 47.6 |
| 8' x 10' | 244 x 305 | 142 ¹ / ₄ " | 361 | 118 | 53.5 |
| 10' x 10' | 305 x 305 | 145 ¹ / ₄ " | 369 | 120 | 54.4 |
| 9' x 12' | 274 x 366 | 167 ³ / ₄ " | 426 | 130 | 59.0 |
| 12' x 12' | 366 x 366 | 171 ³ / ₄ " | 436 | 135 | 61.2 |

Overall case length dimensions $\pm 1/4$ ".

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

Specifications subject to change without notice.

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

Custom formats and sizes available upon request.

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

WHEN ORDERING, MARK APPROPRIATE SELECTIONS:

Select size from charts on the other side.

Select viewing surface:

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

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.
- 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.
- Video Projector Interface Control - external.
- Video Projector Interface Control - built-in (adds 3³/₄" to length of case).
- SCB-100 RS-232 Serial Control Board - external.
 - NET-100 Ethernet-Serial Adapter
- SCB-100 RS-232 Serial Control Board - built in (adds 3³/₄" to length of case).
 - NET-100 Ethernet-Serial Adapter
- SCB-200 RS-232 Serial Control Board - built-in (adds 3³/₄" to length of case).
 - NET-200 Ethernet-Serial Adapter
 - WC-200 Wall Controller
 - IR-200 Infrared Remote

Project: _____

Architect: _____

Phone: _____

Contractor: _____

Phone: _____

Supervisor: _____

Phone: _____

Date: _____

Revised: _____

- Veneer Case Cover (Choose from seven standard veneers).
 - Light Oak
 - Medium Oak
 - Natural Walnut
 - Heritage Walnut
 - Mahogany
 - Cherry
 - Honey Maple
- Graphite case color.
- White case (black standard).

TENSIONED CONTOUR® ELECTROL®

SUGGESTED METHODS OF INSTALLATION

