



TENSIONED LARGE COSMOPOLITAN® ELECTROL®

Automatic Electric Projection Screen Model

SPECIFICATION DATA

DA-LITE SCREEN COMPANY, INC.
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9' x 12', 180" DIAGONAL AND LARGER SIZES (FOR SMALLER SIZES, REFER TO ADDITIONAL SPECIFICATION DATA SHEET)

SUGGESTED SPECIFICATIONS: _____ projection screen(s), _____ (H) x _____ (W), electrically operated 120 volt (60Hz) 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 cut-out, 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. The roller to be of aluminum. 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. Case to be a two-piece design made of extruded aluminum with a black, lightly textured powder coat finish. 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 for Da-Tex® and Dual Vision.



VIDEO (NTSC 4:3) FORMAT DIMENSIONS

| Viewing Area | | Nominal Diagonal | | Overall Length of Case | | Approx. Ship. Wt. | |
|--------------|-----------|------------------|-----|------------------------|-----|-------------------|-------|
| H x W | Cm | In. | Cm | In. | Cm | Lbs. | Kg |
| 108" x 144" | 274 x 366 | 180" | 457 | 167½" | 425 | 205 | 92.9 |
| 120" x 160" | 305 x 406 | 200" | 508 | 185" | 470 | 240 | 108.9 |
| 126" x 168" | 320 x 427 | 210" | 533 | 194" | 493 | 250 | 113.4 |
| 132" x 176" | 335 x 447 | 220" | 559 | 203" | 516 | 260 | 117.9 |
| 144" x 192" | 366 x 488 | 240" | 610 | 220½" | 560 | 309 | 140.2 |

HDTV (16:9) FORMAT DIMENSIONS

| Viewing Area | | Nominal Diagonal | | Overall Length of Case | | Approx. Ship. Wt. | |
|--------------|-----------|------------------|-----|------------------------|-----|-------------------|-------|
| H x W | Cm | In. | Cm | In. | Cm | Lbs. | Kg |
| 92" x 164" | 234 x 417 | 188" | 478 | 186" | 472 | 240 | 108.9 |
| 108" x 192" | 274 x 488 | 220" | 559 | 215½" | 547 | 305 | 138.3 |

WIDE (16:10) FORMAT DIMENSIONS

| Viewing Area | | Nominal Diagonal | | Overall Length of Case | | Approx. Ship. Wt. | |
|--------------|-----------|------------------|-----|------------------------|-----|-------------------|-------|
| H x W | Cm | In. | Cm | In. | Cm | Lbs. | Kg |
| 100" x 160" | 254 x 406 | 189" | 480 | 182½" | 464 | 225 | 102.1 |
| 110" x 176" | 279 x 447 | 208" | 528 | 199¾" | 507 | 260 | 117.9 |
| 120" x 192" | 305 x 488 | 226" | 574 | 217" | 551 | 309 | 140.2 |

SQUARE FORMAT DIMENSIONS

| Sizes | | Overall Length of Case | | Approx. Ship. Wt. | |
|-------------|-----------|------------------------|-----|-------------------|-------|
| H x W | Cm | In. | Cm | Lbs. | Kg |
| 9' x 12' | 274 x 366 | 167½" | 425 | 205 | 92.9 |
| 12' x 12' | 366 x 366 | 172½" | 438 | 220 | 99.8 |
| 10'6" x 14' | 320 x 427 | 194" | 493 | 250 | 113.4 |
| 14' x 14' | 427 x 427 | 201" | 511 | 280 | 127.0 |
| 12' x 16' | 366 x 488 | 220½" | 560 | 309 | 140.2 |

All screens standard with 12" 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.

WHEN ORDERING, MARK APPROPRIATE SELECTIONS:

Select size from charts on the other side.

Select viewing surface:

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

GREENGUARD® and GREENGUARD® Children and Schools Certified.

Options:

- Single Motor Low Voltage Control System (LVC) - external.
- Single Motor Low Voltage Control System (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.
- External SCB-100 - RS-232 Serial Control Board.
 - NET-100 Ethernet-Serial Adapter.
- White case (black standard).

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

TENSIONED LARGE COSMOPOLITAN® ELECTROL®

METHODS OF INSTALLATION

