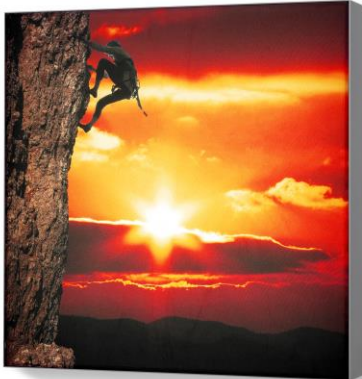




### Data Sheet



**General Description:** Meeting retail demands for high-impact environments, Stylmark introduces the Optima LED StretchLite Light Box to create arresting and compelling merchandise displays with tension-fabric graphics. The newest addition to Stylmark's family of Optima LED light boxes, the Optima LED StretchLite combines the brilliance and uniformity of LED technology with the dramatic dimensions of tension fabric displays to help retailers, designers and visual merchandisers achieve unrivaled visual impact. Plus, LEDs are more efficient, require less maintenance, and are better for the environment than fluorescent light sources.

**Applications:** Retail environments, airports, museums, restaurants, corporate offices, hotels, casinos, commercial environments

**Key Features:**

- Unique LED placement and advanced design delivers bright, uniform illumination and eliminates hot spots
- Available in multiple LED lighting configurations, including direct backlit & perimeter-lit
- Single-sided models, ideal for wall mounting and two depths of double-sided, for standing or suspended applications
- Ideal for back-lit tension fabric graphics (such as dye-sublimation printed triple white fabric)
- ADA Compliant, single-sided less than 4" (100mm) depth from wall
- Available in conventional and custom sizes
- 2-year Warranty

**Dimensions:**

|                            | Single-Sided         | Double-Sided DS5 | Double-Sided DS8 |
|----------------------------|----------------------|------------------|------------------|
| <b>Cabinet Depth:</b>      | 3.95" (100mm)        | 4.95" (125mm)    | 8.00" (203mm)    |
| <b>Graphic Size (max):</b> | 10'x30' <sup>2</sup> | 6'x30'           | 10'x30'          |
| <b>Cabinet Size:</b>       | Same as graphic size |                  |                  |
| <b>Visual Size:</b>        | Same as graphic size |                  |                  |

**Lighting Type:**

|                           |                  |     |     |
|---------------------------|------------------|-----|-----|
| Optima LED® 1000 Backlit  | yes              | n/a | n/a |
| Optima LED® 650 Backlit   | yes              | n/a | n/a |
| Optima LED® Perimeter-Lit | yes <sup>2</sup> | yes | yes |

**Light Color Temperature:**

Backlit: 6500K (5300K, 3700K by special order)  
Perimeter-lit: 6500K

**Construction Features:**

**Graphic Holder Type:** SEG (silicone edge gasket) channel, 0.5"x 0.125" (p/n 235012, request at time of order), if not provided by graphic supplier

**Cabinet Material:** Anodized or painted extruded aluminum  
**Cabinet Finish:** See Stylmark Standard & Custom Finishes Card

**Power Specifications & Circuit Sizing:**

**Voltage (input):** 120~277VAC (50~60 Hz)

**Current @120VAC:**

|  |                        |                |                |
|--|------------------------|----------------|----------------|
| Optima LED® 1000 Backlit:                | 0.13A/ft <sup>2</sup>  |                |                |
| Optima LED® 650 Backlit:                 | 0.075A/ft <sup>2</sup> |                |                |
| Optima LED® Perimeter-Lit <sup>1</sup> : | 0.073A/lin.ft.         | 0.073A/lin.ft. | 0.146A/lin.ft. |

**LED Power Consumption (@24VDC):**

|  |                        |
|--|------------------------|
| Optima LED® 1000 Backlit:                | 12W/ft <sup>2</sup>    |
| Optima LED® 650 Backlit:                 | 6.75 W/ft <sup>2</sup> |
| Optima LED® Perimeter-Lit <sup>1</sup> : | 6.56 W/lin.ft.         |

**Power Supply type:**

Internal

**Power Connection:**

- Cord & 3-prong, NEMA 5-15
- Hard Wired

**Weight (approximate):**

|                            |                         |                         |                         |
|----------------------------|-------------------------|-------------------------|-------------------------|
| Optima LED® 1000 Backlit:  | 3.5 lbs/ft <sup>2</sup> |                         |                         |
| Optima LED® 650 Backlit:   | 3.5 lbs/ft <sup>2</sup> |                         |                         |
| Optima LED® Perimeter-Lit: | 2.7 lbs/ft <sup>2</sup> | 3.5 lbs/ft <sup>2</sup> | 5.2 lbs/ft <sup>2</sup> |

**Environmental Specifications:**

**Protection Rating:**

For indoor use only – dry locations

**Temperature Range:**

60° to 104°F (16° to 40°C)

<sup>1</sup> For total amperage or wattage, multiply by the sum of the lengths of the lit sides (typically the two longer dimensions, confirmed by Stylmark)

<sup>2</sup> Perimeter-Lit light boxes cannot exceed 72" in the lit direction



File No. E226551

In order to continually improve our products, Stylmark reserves the right to make changes to specifications or materials without prior notice.

**Ordering Information:**

**Model:**

- Single-sided 4"
- Double-sided 5"
- Double-sided 8"

**Orientation:**

- Portrait
- Landscape

**Dimensions:**

- Height \_\_\_\_\_
- Width \_\_\_\_\_

**Finish:**

- Anodized: \_\_\_\_\_  
(enter finish number)
- Powder Coat: \_\_\_\_\_  
(enter finish number or name/color of paint)

**Mounting Type:**

- Wall
- Hanging
- Pedestal

**Wiring Type:**

- Cord & Plug (grey)
- Cord & Plug (black)
- Cord & Plug (white)
- Hard Wired

**Power Location (see defaults below):**

- Side, Bottom (left / center / right)
- Side, Left (top / center / bottom)
- Side, Top (left / center / right)
- Side, Right (top / center / bottom)
- Back, Standard (lower LH corner)

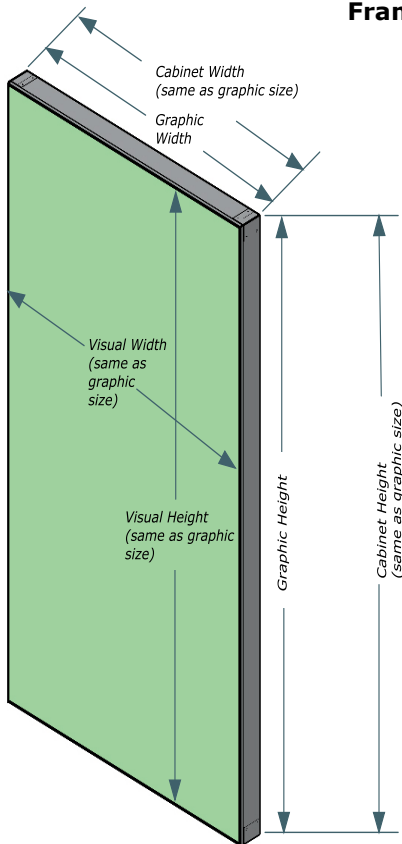
**Switch:**

- No Switch
- Include Switch

**Lighting Type/Color Temp:**

- Optima LED® 1000 Backlit: 6500K (special order:  5300K  3700K)
- Optima LED® 650 Backlit: 6500K (special order:  5300K  3700K)
- Optima LED® Perimeter-lit: 6000K

**Optima LED® StretchLite  
Frameless Fabric Display**



**4" Single-Sided  
Profile View**



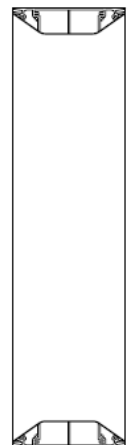
**3.95"**  
**(100mm)**

**5" Double-Sided  
Profile View**



**4.95"**  
**(125mm)**

**8" Double-Sided  
Profile View**



**8"**  
**(203mm)**

**Power Location Defaults:**

- Wall Mounted, landscape orientation = bottom side, right-hand location*
- Wall Mounted, portrait orientation = left side, bottom location*
- Hanging, either orientation = top side, left-hand location*
- Pedestal, either orientation = bottom side, right-hand location*

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Revision E (5/17)