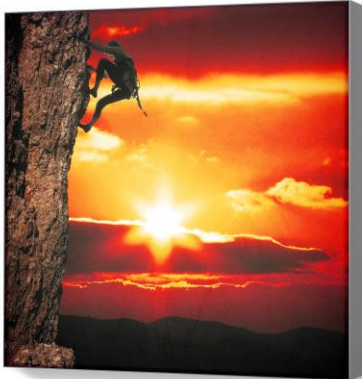# stylmark®

Optima LED® StretchLite Graphic Display

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 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
□ Ideal for back-lit tension fabric graphics
□ ADA Compliant, single-sided less than 4" (100mm) depth from wall
□ Available in conventional and custom sizes
□ 2-year Warranty

Dimensions: **Single-Sided**

Cabinet Depth:	3.95" (100mm)
Graphic Size (max):	10'x30' [2]
Cabinet Size:	Same as graphic size
Visual Size:	Same as graphic size

Lighting Type:
Optima LED® 1000 Backlit	yes
Optima LED® 650 Backlit	yes
Optima LED® Perimeter-Lit	yes[2]

Light Color Temperature: Backlit: 6500K
                                        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:	$0.13A/ft^2$
Optima LED® 650 Backlit:	$0.075A/ft^2$
Optima LED® Perimeter-Lit[1]:	0.073A/lin.ft.

LED Power Consumption (@24VDC):
Optima LED® 1000 Backlit:	$12W/ft^2$
Optima LED® 650 Backlit:	$6.75 W/ft^2$
Optima LED® Perimeter-Lit[1]:	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:	$3.5 lbs/ft^2$
Optima LED® 650 Backlit:	$3.5 lbs/ft^2$
Optima LED® Perimeter-Lit:	$2.7 lbs/ft^2$

Environmental Specifications:
Protection Rating:	For indoor use only – dry locations
Temperature Range:	60° to 104°F (16° to 40°C)

[1] For total amperage or wattage, multiply by the sum of the lengths of the lit sides (typically the two longer dimensions, confirmed by Stylmark)

[2] Perimeter-Lit light boxes cannot exceed 72" in the lit direction

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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"

Orientation:
□ Portrait
□ Landscape

Dimensions:
□ Height _____
□ Width _____

Finish:
□ Anodized: _____
(enter finish number)

Mounting Type:
□ Wall

Wiring Type:
□ Cord & Plug (black)
□ Hard Wired

Power Location:
□ Side, Bottom (left / center / right)
□ Side, Left (top / center / bottom)
□ Side, Top (left / center / right)
□ Side, Right (top / center / bottom)
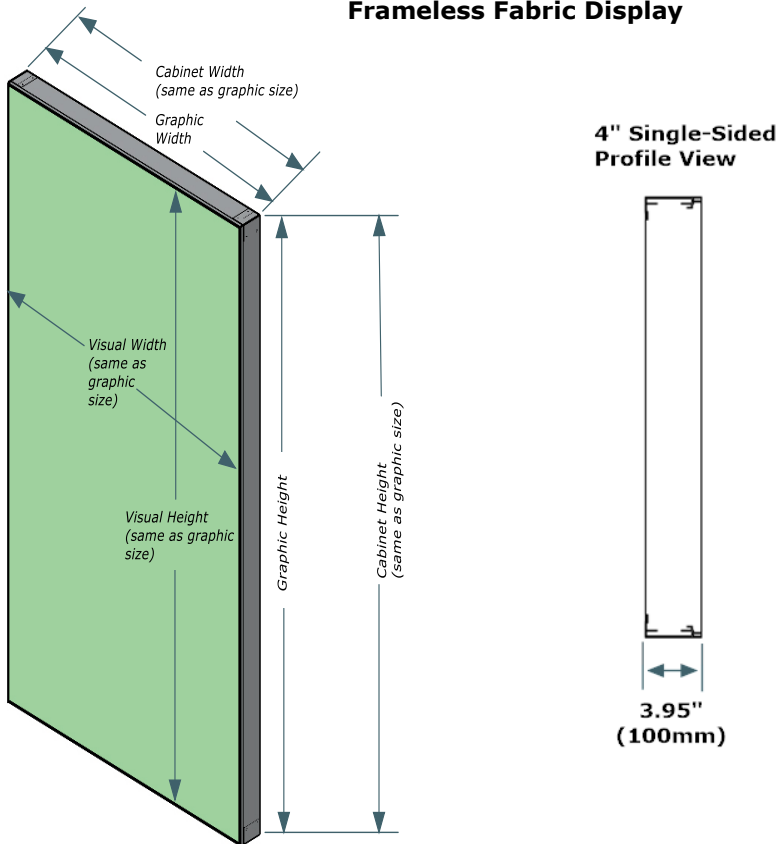□ Back, Standard (lower LH corner – hard wire only)

Switch:
□ No Switch
□ Include Switch

Lighting Type/Color Temp:
□ Optima LED® 1000 Backlit: 6500K
□ Optima LED® 650 Backlit: 6500K
□ Optima LED® Perimeter-lit: 6500K

Optima LED® StretchLite
Frameless Fabric Display

**4" Single-Sided
Profile View**

3.95"
(100mm)

*Cabinet Width
(same as graphic size)*

*Graphic
Width*

*Visual Width
(same as graphic size)*

*Visual Height
(same as graphic size)*

Graphic Height

*Cabinet Height
(same as graphic size)*

Power Location Defaults:
Wall Mounted, landscape orientation = bottom side, right-hand location
Wall Mounted, portrait orientation = left side, bottom location

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