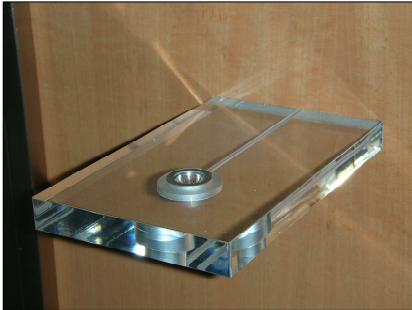




Data Sheet

LED Acrylic Shelf



General Description: The Stylmark LED Acrylic Shelf embeds a LED into a highly polished acrylic shelf. The LED light source illuminates glass bottles, crystal or other transparent products. Available in either one light or two light shelves, the LED Acrylic Shelf is truly a unique way to display merchandise.

Applications: Retail display cases, exhibits, jewelry and cosmetic displays, store fixtures.

Mounting Options:

- Panel Mount
- One Light Shelf
- Two Light Shelf

Performance Specifications:

- Source:** 1W, Luxeon LED
- Color Temperature (typical):** 5500 K
- Luminous Flux:** 34 lumens
- Lamp Life:** 70% lumen maintenance after 50,000 hours of continuous power on.

Construction Specifications:

- LED Housing Material:** Anodized Aluminum
- LED Housing Finish:** Natural (020)
- Shelf Material:** 1/2" thick Polished Acrylic
- Bracket Material:** Painted Steel
- Maximum Shelf Load¹:** 5 lbs. (one light shelf)
7 lbs. (two light shelf)
- Surface Temperature²:** 100°F (38°C) maximum

Environmental Specifications:

- Protection Rating:** For indoor use only – Dry locations
- Temperature Range:** 40 to 104°F (4 to 40°C)

Power Specifications³:

- Voltage Requirement:** 120 VAC, 60 Hz
- Power Consumption:** 1.2 W per LED
- LED Driver Circuit Sizing⁴:** see list below
 - p/n 230326 – 12 W p/n 230328 – 25 W
 - p/n 230327 – 17 W p/n 230364 – 40 W

¹ Recommended shelf load based upon support condition using 3/4" thick MDF board.
² Measured at ambient temperature of 72°F (22°C) at aluminum LED housing
³ LED power supply with remote driver, provided by Stylmark, is required
⁴ Part number of LED driver supplied depends upon the number of LEDs in circuit. Verify driver configuration with Stylmark.

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

Stylmark Submittal Sheet: LED Acrylic Shelf

Identification:

680038 – One Light Shelf

680048 – Two Light Shelf

Typical Specification:

LED Acrylic Shelf shall be constructed of highly polished, 1/2" thick acrylic and utilize a 1 Watt Luxeon LED, housed in anodized aluminum embedded into the shelf material. LED housing shall be flush with top and bottom shelf surface. No part of the housing shall protrude from the shelf surfaces. LED Acrylic Shelf shall be available in one emitter or two emitter configurations. Light source shall be capable of supplying 34 lumens. LED Acrylic Shelf shall provide a Coordinated Color Temperature of 5500K ± 300K. LED housing surface temperature shall not exceed 100°F (38°C). LED Acrylic Shelf manufacturer shall provide all hardware and electrical components, including LED power supply kit, for finished assembly. LED Acrylic Shelf shall be by Stylmark, Inc.

Product Illustrations and Dimensions

