



Data Sheet

682808, 685808 LED Power Track Light Shelf



General Description: The Stylmark LED Power Track Light Shelf is designed for retail shelving using wall standards. Utilizing a low-voltage powered standard, the LED Shelf provides an alternative to conventional shelf lighting. The slim profile maximizes the merchandise's viewable area. Stylmark provides all hardware and electrical components for a finished assembly.

Applications: Retail shelving units, wall displays, cabinet lighting

Performance Specifications:

**Chromaticity¹:
Nominal CCT Categories**

Cool	White	Warm
5000K	4000K	3500K

**Illuminance (fc @ 12")²:
Deluxe Light Engine:**

300	260	240
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**Source³:
Light Angle:
Lamp Life:**

1W, Nichia LED
120°
70% lumen maintenance after 50,000 hours of continuous power on.

Construction Specifications:

Reflector Options:

- 1" Round
- 1" Square

**Reflector Material:
Shelf Material:
Sizes:**

Anodized Aluminum
Steel blade bracket sized for 1/4" thick glass⁴

**Shelf Width:
Shelf Depth:
Standards⁵:
Maximum Shelf Load:
Aluminum Finishes:
Steel Finishes:
Surface Temperature⁶:
Mounting⁴:**

Configurable in 18" to 48" widths
Configurable in 9.25" to 16" depths
Configurable in 18" to 96" heights
35 lbs. per shelf
Stylmark anodized or powder-coat finishes
Stylmark powder-coat finishes
120°F (49°C) maximum
Use only with Stylmark Low Voltage Powered Standard System

Environmental Specifications:

**Protection Rating:
Temperature Range:**

For indoor use only – Dry locations
40 to 104°F (4 to 40°C)

Power Specifications:

**Input Voltage Requirement:
Power Consumption:
LED Power Circuit Sizing⁷:**

90~264 VAC, 47~63 Hz
4.8 W per foot
see list below

- p/n 230589 – 24Vdc, 150 W output p/n 230573– 24Vdc, 96W output



Standard for Safety Household and Commercial Furnishings, UL 962, 2nd Ed., 08/16/06

General Requirements for Luminaires, CSA C22.2 No. 9.0

Portable Luminaires, CSA C22.2 No 12.

Standard for LED Equipment for Use in Lighting Products, UL 8750

Patent Pending

LVSHF-SPS

The aluminum reflector of the LED light fixture is fabricated to match custom dimensions. As the aluminum reflector also includes mounting hardware, the LED light assembly length will be less than the length of the aluminum reflector. Stylmark will configure the LED light assembly length to optimize the available space using Stylmark's LED light engine modules. Please consult Stylmark for information specific to your order.

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

¹Nominal CCT Categories per ANSL NEMA ANSLG C78.377-2008 Specifications for the Chromaticity of Solid-State Lighting Products

²Measurements taken at midpoint of a 3' fixture, 12" above shelving deck, with Konica Minolta Chroma Meter CL-200.

³Deluxe Light Engine: 6 LED/ft

⁴Glass supplied by others

⁵Standards can be finished in natural aluminum or powder coat

⁶Measured at ambient temperature of 72°F (22°C)

⁷LED power supply kit, provided by Stylmark, is required

Stylmark Submittal Sheet: 682808/685808 LED Power Track Light Shelf

Identification:

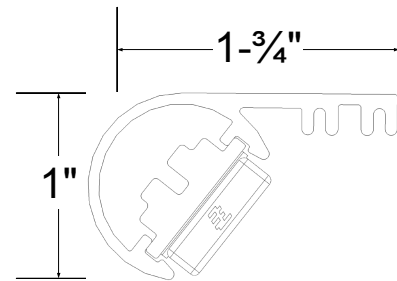
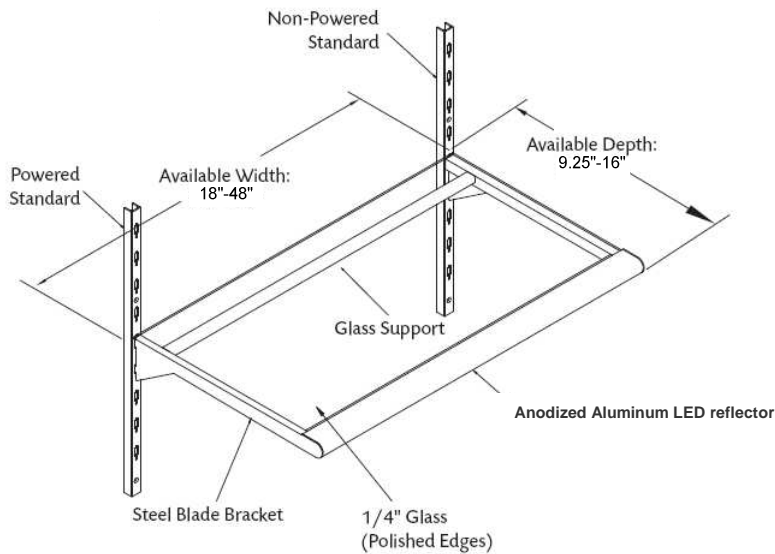
- 682808** – LED Power Track Light Shelf, 1" Round
- 685808** – LED Power Track Light Shelf, 1" Square
- 580619** – Powered Standard
- 480979** – Non Powered Standard

Typical Specification:

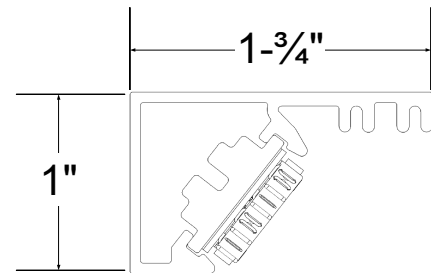
Light Shelf shall be powered from low-voltage powered standards. Light Shelf reflector shall be constructed of anodized aluminum. Light Shelf bracket shall be constructed of steel with a maximum shelf load of 35 lbs. Light Shelf light source shall be an array of 1 W Nichia LEDs. Light Shelf shall provide a light cone angle of 140°. Light Shelf shall be available in Coordinated Color Temperature options of 5000K, 4000K or 3500K (per ANSI_NEMA_ANSLG C78.377-2008). Light Shelf reflector housing surface temperature shall not exceed 105°F (40°C). Light Shelf Reflector manufacturer shall provide all hardware and electrical components, including LED power supply kit, for finished assembly. Light Shelf shall be by Stylmark, Inc.

Product Illustrations and Dimensions

LED Light Shelf



Round Shelf Front



Square Shelf Front

**Glass provided by others*

Shelving Standards (powered standard shown)

