**General Description:** The Stylmark 685008 Showcase Reflector with Modular Light Engine is designed for commercial showcase displays that require a slim profile. Available in a variety of colors and finishes, the 685008 can be mounted in wood end showcases using mounting brackets or in glass end showcases using down tube assemblies. Stylmark provides all hardware and electrical components for a finished assembly.

**Performance Specifications:**

<table>
<thead>
<tr>
<th>Chromaticity1:</th>
<th>Cool</th>
<th>White</th>
<th>Warm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal CCT Categories</td>
<td>5000K</td>
<td>4000K</td>
<td>3500K</td>
</tr>
<tr>
<td>Illuminance (fc @ 12&quot;)2:</td>
<td>300</td>
<td>260</td>
<td>240</td>
</tr>
<tr>
<td>Deluxe Light Engine:</td>
<td>450</td>
<td>370</td>
<td>370</td>
</tr>
<tr>
<td>Premium Light Engine:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Source3:</td>
<td>1W, Nichia LED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fixture Light Angle:</td>
<td>90°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lamp Life:</td>
<td>70% lumen maintenance after 50,000 hours of continuous power on.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimmable:</td>
<td>Compatible with continuously variable PWM dimmers, 24Vdc, 4A min., 4-wire connection.4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Construction Specifications:**

- **Materials:** Anodized Aluminum
- **Sizes:** Configurable (9” to 100” lengths)
- **Styles:** Straight, Single Clipped, Double Clipped
- **Finishes:** see Stylmark Color Library
- **Surface Temperature5:** 105°F (40°C) max.
- **Mounting Options:**
  - Fixed Angle Mount Bracket
  - Adjustable Angle Mount Bracket
  - Fixed Angle Down Tube6
  - Internal Adj. Angle Down Tube6
  - None

**Environmental Specifications:**

- **Protection Rating:** For indoor use only – approved for damp or dry locations
- **Temperature Range:** 40 to 104°F (4 to 40°C)
- **Power Specifications7:**
  - **Input Voltage Requirement:** 90~264Vac, 47~63 Hz
  - **Power Consumption (typical):**
    - MIG24 Deluxe Light Engine: 4.8 W per foot
    - MIG24 Premium Light Engine: 9.2 W per foot

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1Nominal CCT Categories per ANSI_NEMA_ANSILG C78.377-2008 Specifications for the Chromaticity of Solid-State Lighting Products
2Measurements taken at midpoint of a 3' fixture, 12" above showcase deck, with Konica Minolta Chroma Meter CL-200.
3Premium Light Engine: 12 LED/ft, Deluxe Light Engine: 6 LED/ft
4Contact Stylmark for recommended dimming controls
5Measured at ambient temperature of 72°F (22°C)
6End Caps and down tube assembly will be finished to match reflector
7LED UL Listed class 2-power supply/driver required, provided by Stylmark

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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.
**Stylmark Data Sheet: 685008 LED Showcase Reflector**

**Identification:**

- 685008 – Straight Reflector
- 685028 – Single Clipped Reflector
- 685038 – Double Clipped Reflector

**Typical Specification:**

Showcase Reflector housing shall be constructed of anodized aluminum and shall be capable of being mounted either in wood end showcases using mounting brackets or in glass end showcases using rigid down tubes. Showcase Reflector light source shall be an array of 1 W Nichia LEDs. Showcase Reflector LED shall provide a light cone angle of 90°. Showcase Reflector shall be available in Nominal CCT Categories options of 5000K, 4000K or 3500K (per ANSI_NEMA_ANSLG C78.377-2008). Showcase Reflector housing surface temperature shall not exceed 105°F (40°C). Showcase Reflector manufacturer shall provide all hardware and electrical components, including LED power supply kit, for finished assembly. Showcase Reflector shall be by Stylmark, Inc.

**Product Illustrations and Dimensions**

- **Straight Construction**
  - 685008 with down tubes shown

- **Single Clipped Construction**
  - 685028 with down tubes shown

- **Double Clipped Construction**
  - 685038 with down tubes shown

**Mounting Options**

- Adjustable Angle Glass End Down Tube Adapter
- Fixed Angle Glass End Down Tube Adapter
- Adjustable Angle Wood End Mounting Bracket
- Fixed Angle Wood End Mounting Bracket

**Power Supply Options**

Part number of power supply supplied depends upon the number of LEDs in circuit. Verify power supply configuration with Stylmark.

- p/n 580756-04 (24Vdc, 40W output) (includes 4x4 junction box enclosure)
- p/n 230572 (24Vdc, 60W output)
- p/n 230573 (24Vdc, 96W output)

Standard clipped corner angles: 90°, 135°
Standard fixture heights (with down tubes): 6” to 24”
Standard clipped wing lengths: 4” to 18”

Stylmark, Incorporated ● 6536 Main Street NE, PO Box 32008 ● Minneapolis, MN 55432
1-800-328-2495 ● www.stylmark.com