



Data Sheet

683908 LED Showcase Reflector 1.5" Diameter Teardrop



General Description: The Stylmark 683908 LED Showcase Reflector is designed for commercial showcase displays. The 683908 provides a unique teardrop shape that allows for installation into right-angle corners. Available in a variety of colors and finishes, the 683908 can be also 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:

Chromaticity¹:
Nominal CCT Categories

Cool	White	Warm
5000K	4000K	3500K

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

300	260	240
450	370	370

Source³:
Light Angle:
Lamp Life:

1W, Nichia LED
90°
70% lumen maintenance after 50,000 hours of continuous power on.
Compatible with continuously variable PWM dimmers, 24Vdc, 4A min., 4-wire connection.⁴

Dimmable:

Construction Specifications:

Materials:
Sizes:
Styles:
Finishes:
Surface Temperature⁵:
Mounting Options:

Anodized Aluminum
Configurable (9" to 100" lengths)
Straight, Single Clipped, Double Clipped
see Stylmark Color Library
125°F (52°C) max.

- Fixed Angle Mount Bracket
- Adjustable Angle Mount Bracket
- Fixed Angle Down Tube⁶
- Internal Adj. Angle Down Tube⁶
- None

Environmental Specifications:

Protection Rating:
Temperature Range:

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

Power Specifications⁷:

Input Voltage Requirement:
Power Consumption (typical):
Deluxe Light Engine:
Premium Light Engine:

90–264Vac, 47–63 Hz
4.8 W per foot
9.2 W per foot

RECOGNIZED COMPONENT



Standard for Safety of Luminaires,
UL 1598

General Requirements for Luminaires,
CSA C22.2 No. 9.0-96

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

LVRF39

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 ANSI_NEMA_ANSI 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 power supply/driver, provided by Stylmark, is required

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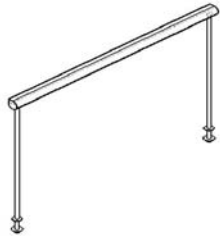
Identification:

- 683908** Straight Reflector
- 683908** Single Clipped Reflector
- 683908** Double Clipped Reflector

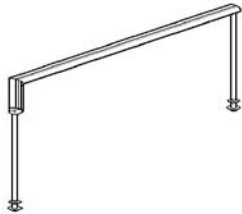
Typical Specification:

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 Coordinated Color Temperature 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.

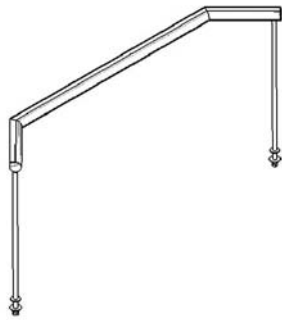
Product Illustrations and Dimensions



Straight Construction
- 683908 with down tubes shown

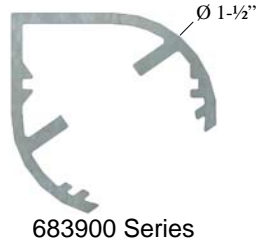


Single Clipped Construction
- 683928 with down tubes shown

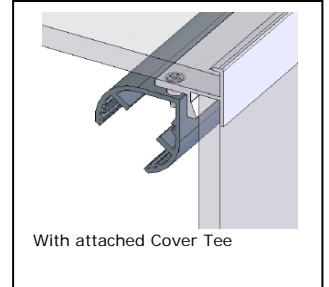


Double Clipped Construction
- 683938 with down tube shown

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



Mounting Options



Power Supply Options

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

