stylmark®

Data Sheet

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E257056

Low Voltage Lighting System,
UL 2108

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

LED Light Sources for Use in Lighting Products,
UL 8750

General Description: The Stylmark 680108 Showcase Reflector with Modular Light Engine is designed for commercial showcase displays. The 680108 incorporates Stylmark LED lighting into traditional 110135 reflector profile. Available in a variety of colors and finishes, the 680108 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:

Chromaticity[1]:

	Cool	White	Warm
Nominal CCT Categories	5000K	4000K	3500K

Illuminance (fc @ 12")[2]:

	Cool	White	Warm
Deluxe Light Engine:	300	260	240
Premium Light Engine:	450	370	370

Source[3]: 1W, Nichia LED
Fixture Light Angle: 90°
Lamp Life: 70% lumen maintenance after 50,000 hours of continuous power on.

Construction Specifications:
Materials: Anodized Aluminum
Sizes: Configurable (9" to 100" lengths)
Styles: Straight, Single Clipped, Double Clipped
Finishes: see Stylmark Color Library
Surface Temperature[4]: 105°F (40°C) max.
Mounting Options:

☐ Fixed Angle Mount Bracket
☐ Fixed Angle Down Tube[5]
☐ Optional Cover Tees
    ☐   110107
    ☐   110127
    ☐   110137
    ☐   110192

Environmental Specifications:
Protection Rating: For indoor use only – Dry locations
Temperature Range: 40 to 104°F (4 to 40°C)
Power Specifications[6]:
Input Voltage Requirement: 100~277Vac, 50~60 Hz
Power Consumption (typical):
MIG24 Deluxe Light Engine: 4.8 W per foot
MIG24 Premium Light Engine: 9.2 W per foot

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.

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

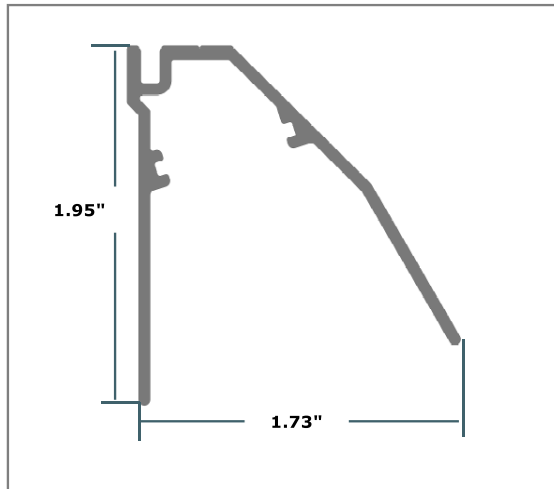# Stylmark Data Sheet: 680108 LED Showcase Reflector

Identification:

680108 – Straight Reflector
680128 – Single Clipped Reflector
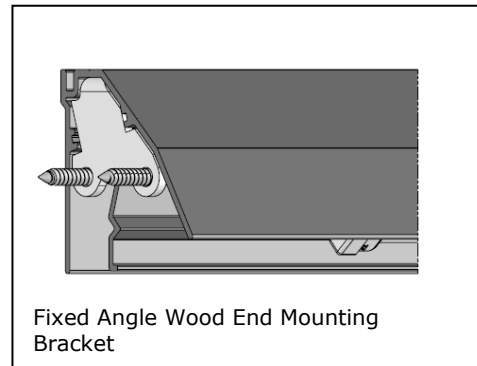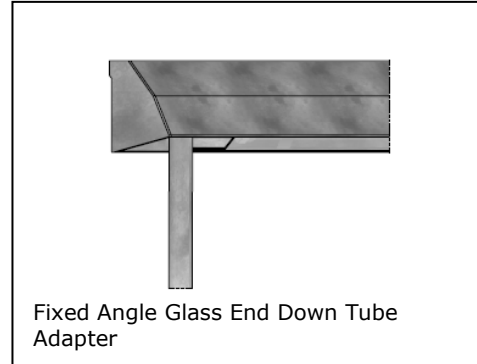**680138** – Double Clipped Reflector

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

1.95"

1.73"

Mounting Options

Fixed Angle Glass End Down Tube Adapter

Fixed Angle Wood End Mounting Bracket

Power Supply

P/N 230982 (24Vdc, 100W output)