US LED™
Always the Right Choice!

Project	Date

Catalog Number	Type

FM1
LED Architectural Pendant

WARRANTY 10 YEAR WARRANTY

Product Performance Summary

Lumen Output	Up to 4,570 lumens
Efficacy	Up to 108 LPW
CRI	≥ 80 CRI
Available CCT	3500K, 4000K, or 5000K
Warranty	Ten-Year Warranty

Product Overview

The FM1 LED architectural pendant is a distinctive luminaire that's beautifully designed for today's modern style. Ideal for retail, office lobbies, and other contemporary spaces, the FM1 provides energy-efficient LED lighting that's eye-catching for the end user. This unique pendant comes with your choice of multiple color options for the flexibility of meeting the changing design trends in commercial architecture.

Product Applications

- Retail Areas
- Shopping Centers
- Office Spaces
- Lobby Areas
- Convenience Stores
- General Commercial

Product Certifications

- UL Listed
- Complies with UL 1598 and CSA 22.2
- Energy Star Certified
- Suitable for indoor damp locations
- RoHS compliant

Key Features

- An aesthetically pleasing LED architectural pendant that's ideal for new construction or retrofit applications.
- Multiple color finishes and cable colors available to choose from.
- Class 2 (NEC) compliant design - low voltage, limited power

Construction

- Housing is aluminum construction for exceptional durability.
- Housing is protected by a corrosion resistant powder coat finish in your choice of color.
- Frosted acrylic lens is recessed inside the shade and designed to maximize lumen output while minimizing glare.
- Weight: 5.5 lbs.

Electrical

- 120-277VAC input.
- 0-10V dimming standard (Mark 7 interface).
- Operating temperature: -30°C to +35°C (-22°F to +95°F)

Optics

- Industry leading LEDs with 3500K, 4000K, and 5000K CCT (minimum 80 CRI).
- Lumen Maintenance >36,000 hours (L70) [1]

Mounting

- Luminaire is ready to be suspended.
- Power cable has multiple color choices to choose from.

Warranty

- Backed by US LED's industry leading Ten-Year Warranty.

Ordering Information

FM1						
Series	**Variant**		**Cable Color**		**CCT**	**Current**	**Cable Length**

| **Series**	**Variant**	**Cable Color**	**CCT**	**Current**	**Cable Length**
	BK Black Finish	BK Black	35 3500K	060 600mA	048 48"
	GH Grey Finish (Hammertone)	GR Grey	40 4000K	080 800mA	180 180"
	LH Latte Finish (Hammertone)	WH White	50 5000K	105 1050mA	
	WH White Finish			120 1200mA	
				140 1400mA	

Note: Images are for illustrative purposes only and are not representative of the final color finish. For exact color finish details, please consult factory.
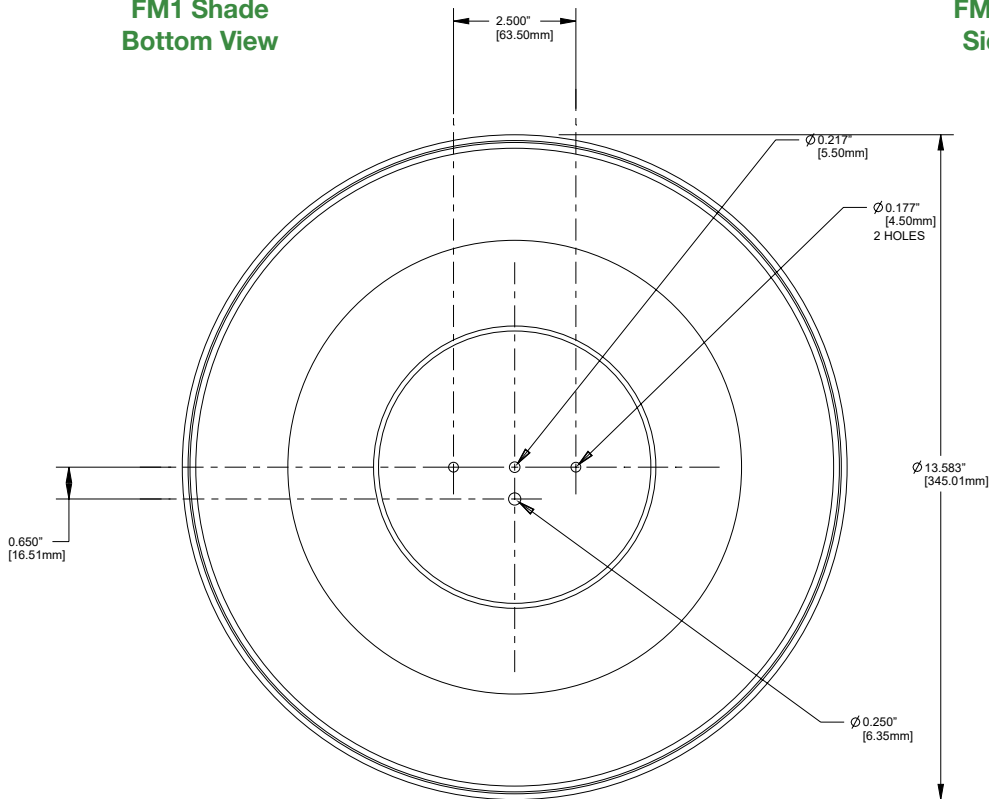

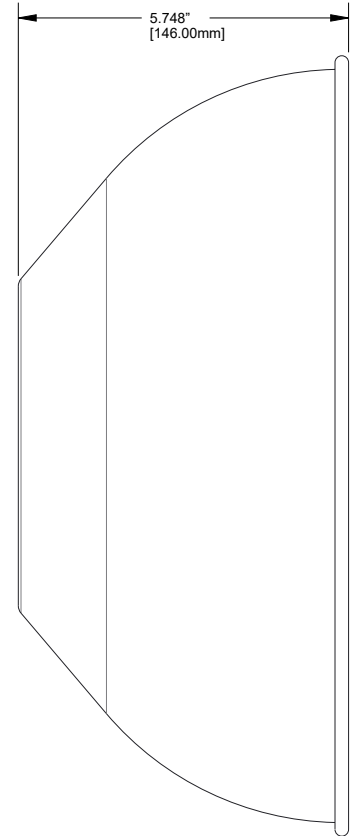White Finish

Latte Finish
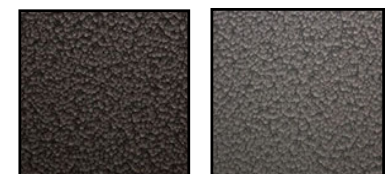
Black Finish

Grey Finish

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1. Product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Projected Lumen Maintenance methodology at a 25° C / 77° F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors.

FM1
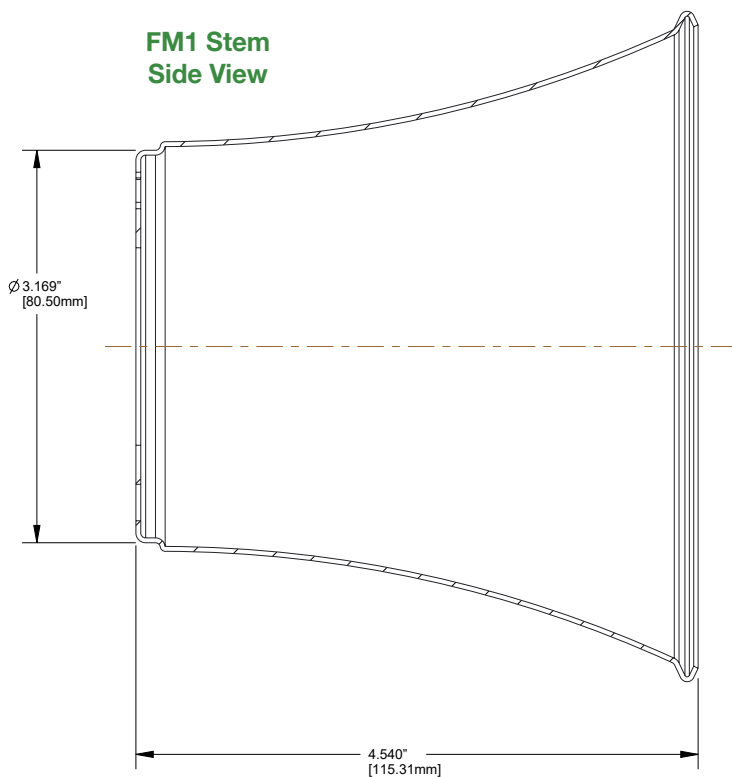041521
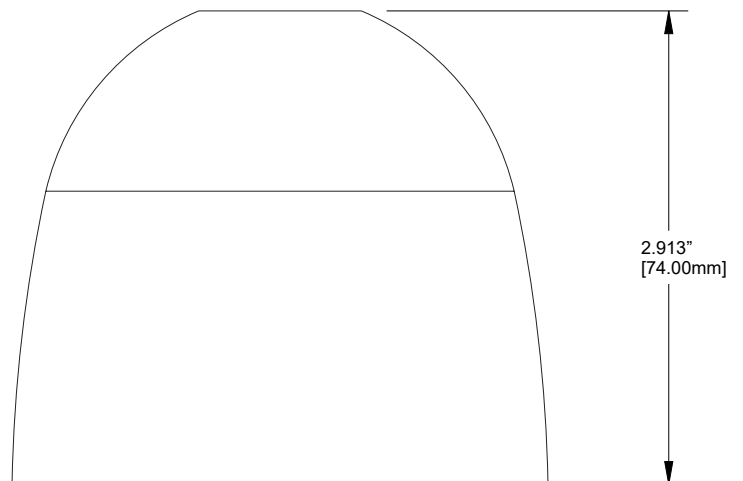Due to continued product improvements, product specifications are subject to change without notice. Please visit www.usled.com for the most updated product specifications.
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FM1
LED Architectural Pendant

Dimensions

**FM1 Shade
Bottom View**

2.500"
[63.50mm]

Ø 0.217"
[5.50mm]

Ø 0.177"
[4.50mm]
2 HOLES

Ø 13.583"
[345.01mm]

0.650"
[16.51mm]

Ø 0.250"
[6.35mm]

**FM1 Shade
Side View**

5.748"
[146.00mm]

**FM1 Stem
Side View**

Ø 3.169"
[80.50mm]

4.540"
[115.31mm]

**FM1 Top Shell
Side View**

2.913"
[74.00mm]

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Performance Data

Luminaire Photometric Data

Model Number	FM1-XX-50-140-X
Issue Date	04/26/2017
IESNA	LM-63-2002
Lamp	LED
Total Input Watts	48.1
Total Lumens	4565
Efficacy	94.9 LPW
Spacing Criterion	0°-180° = 1.22 | 90°-270° = 1.22

Zonal Lumen Summary

Zone	Lumens	% Fixt
0-30	1645.75	36.10
0-40	2460.71	57.80
0-60	4167.19	91.30
0-90	4565.01	100.00
0-180	4565.01	100.00
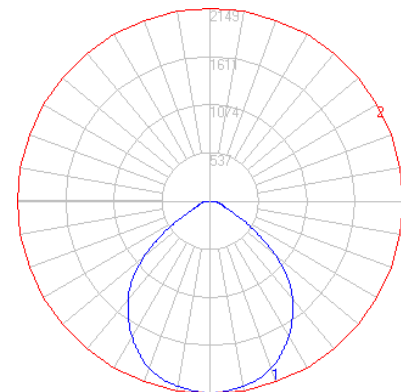
Model	System Level Power	Delivered Lumens	Efficacy [2]	CCT	L70 Calculate Life
FM1-X-X-35-140-X	48.1W	4,310	90 LPW	3500K	>36,000 Hours
FM1-X-X-40-140-X	48.1W	4,440	92 LPW	4000K	>36,000 Hours
FM1-X-X-50-140-X	48.1W	4,570	95 LPW	5000K	>36,000 Hours
FM1-X-X-35-120-X	41.0W	3,860	94 LPW	3500K	>36,000 Hours
FM1-X-X-40-120-X	41.0W	3,950	96 LPW	4000K	>36,000 Hours
FM1-X-X-50-120-X	41.0W	3,950	96 LPW	5000K	>36,000 Hours
FM1-X-X-35-105-X	35.3W	3,330	94 LPW	3500K	>36,000 Hours
FM1-X-X-40-105-X	35.3W	3,540	100 LPW	4000K	>36,000 Hours
FM1-X-X-50-105-X	35.3W	3,550	101 LPW	5000K	>36,000 Hours
FM1-X-X-35-080-X	26.8W	2,640	99 LPW	3500K	>36,000 Hours
FM1-X-X-40-080-X	26.8W	2,830	106 LPW	4000K	>36,000 Hours
FM1-X-X-50-080-X	26.8W	2,810	105 LPW	5000K	>36,000 Hours
FM1-X-X-35-060-X	20.3W	2,120	104 LPW	3500K	>36,000 Hours
FM1-X-X-40-060-X	20.3W	2,180	107 LPW	4000K	>36,000 Hours
FM1-X-X-50-060-X	20.3W	2,190	108 LPW	5000K	>36,000 Hours

2. Measured at 277VAC.

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