

Project _____
Schedule / Date _____
Notes _____
Catalog Number _____

Product Description

naturalLED® Flush Mount Modern (FMM) Features a white acrylic diffuser with a sleek, compact design. This energy-efficient LED solution will provide up to 86% energy savings over incandescent lighting. FMM series ceiling lights are perfect for kitchens, open areas, hallways, bedrooms, or other decorative lighting.

FMM mounts flush to the ceiling or wall, it is suitable for residential or commercial applications. This design features a low-profile body with nickel finish accents and a white acrylic diffuser. Available in three sizes, replacing up to 200W incandescent. Our multiple voltage 120/277v models may be used with an optional battery backup.



Features & Benefits

- ▶ Energy Star Certified
- ▶ Damp Location
- ▶ Uniform light distribution and consistent color
- ▶ Easy Installation
- ▶ UV coated acrylic
- ▶ Emergency driver compatible for Multiple Voltage only

Specifications

- ▶ Input line voltage: 120 and 120-277V
- ▶ Dimmable
- ▶ Powerfactor >0.9
- ▶ Operating temperature: -22°F ~ 122°F
- ▶ Aluminum housing
- ▶ Finish: Nickel and acrylic

Applications

- ▶ Kitchen Lighting
- ▶ Decorative Lighting
- ▶ Hallway Lighting
- ▶ Bedroom Lighting
- ▶ Hospitality Lighting



RETROFIT / SAVE ENERGY

Replace CFL and Incandescent light with LED



Optional Accessories *for FMM Multiple Voltage (MV) only

- ▶ Pull Chain
- ▶ Battery Backup





Optional Pull Chain



Optional Battery Backup

Ordering Information

Code	Description	CCT	Watt	Lumen	Equiv Wattage	Size	Beam Angle	Dim	Rated Hrs		
7430	LED12FMM-138L830-NI	3000K	18	1,380	120	12"	Flood	Yes	50,000	•	•
7431	LED12FMM-138L840-NI	4000K	18	1,380	120	12"	Flood	Yes	50,000	•	•
7433	LED14FMM-165L830-NI	3000K	22	1,700	150	14"	Flood	Yes	50,000	•	•
7434	LED14FMM-165L840-NI	4000K	22	1,700	150	14"	Flood	Yes	50,000	•	•
7533	LED16FMM-196L830-NI	3000K	26	1,960	200	16"	Flood	Yes	50,000	•	•
7534	LED16FMM-196L840-NI	4000K	26	1,960	200	16"	Flood	Yes	50,000	•	•

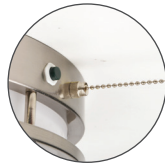
120-277V

7596	LED12FMM-138L840-NI/MV	4000K	18	1,380	120	12"	Flood	0-10V	50,000	•	•
7597	LED14FMM-165L840-NI/MV	4000K	22	1,652	150	14"	Flood	0-10V	50,000	•	•
7598	LED16FMM-196L840-NI/MV	4000K	26	1,960	200	16"	Flood	0-10V	50,000	•	•

Accessories (available for purchase)

Pull Chain

P10077 SWCH-ZE109-NI
(Pull String Switch Nickel)



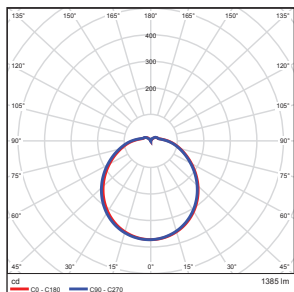
Battery

P10117 BAEM-184500-8C2.0
(LED Emergency Backup Driver 120-277V)



Photometric Data

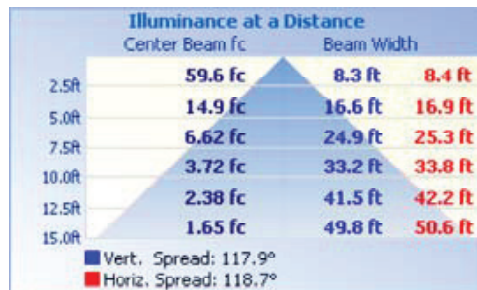
12FMM - 18W



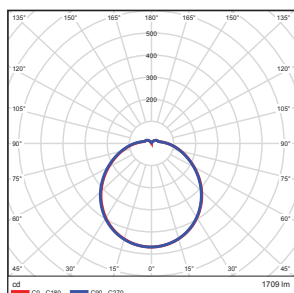
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	290.01	20.90
0-40	476.48	34.40
0-60	857.46	61.90
60-80	281.47	20.30
70-80	123.90	8.90
90-120	119.33	8.60
90-180	156.89	11.30
0-180	1385.42	100.00

Total Luminaire Efficiency = 100.00%



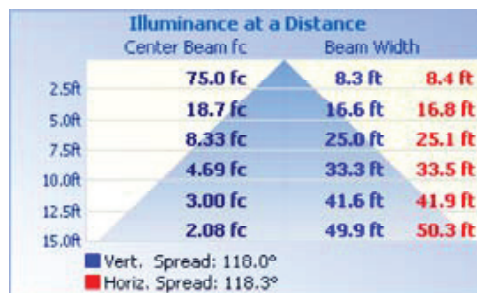
14FMM - 22W



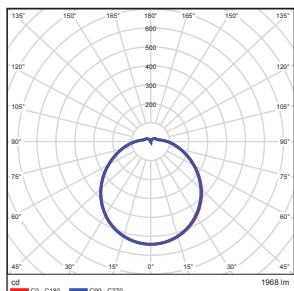
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	366.03	21.40
0-40	602.30	35.20
0-60	1084.07	63.40
60-80	344.73	20.20
70-80	149.21	8.70
90-120	129.59	7.60
90-180	176.44	10.30
0-180	1708.68	100.00

Total Luminaire Efficiency = 100.00%



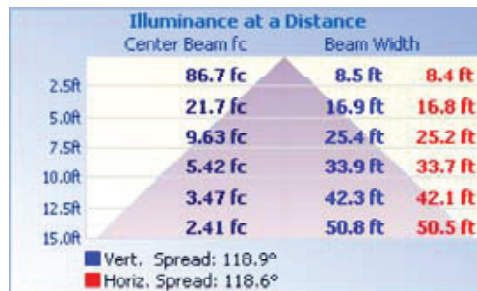
16FMM - 26W



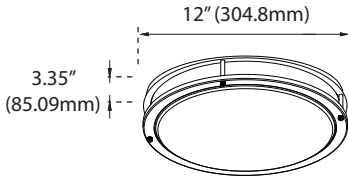
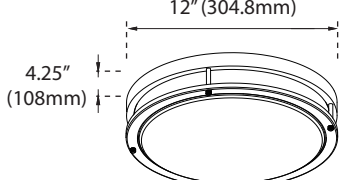
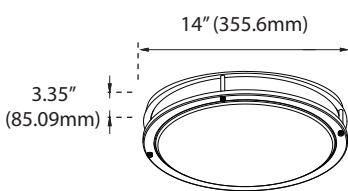
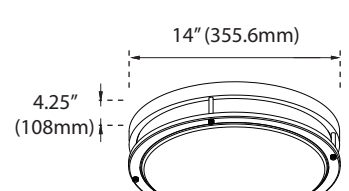
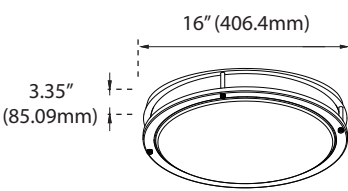
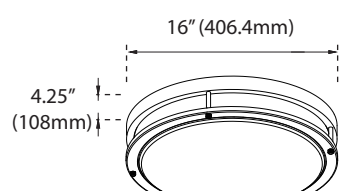
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	423.48	21.50
0-40	697.29	35.40
0-60	1257.86	63.90
60-80	399.99	20.30
70-80	172.38	8.80
90-120	141.22	7.20
90-180	192.21	9.80
0-180	1967.63	100.00

Total Luminaire Efficiency = 100.00%



Product Dimensions

<p>12-inch Weight: 1.96-lbs</p> 	<p>12-inch MV Weight: 1.96-lbs</p> 
<p>14-inch Weight: 2.49-lbs</p> 	<p>14-inch MV Weight: 2.49-lbs</p> 
<p>16-inch Weight: 3.01-lbs</p> 	<p>16-inch MV Weight: 3.01-lbs</p> 

Package

