



M2-LED

Marine LED Surface / Wall Mount Ceiling

PRODUCT SPECIFICATION

Overhead Lighting M2 Series

The M2 Series is designed for surface mounted use and is constructed from glass reinforced polyester with an acrylic diffuser.

Mounting

Surface mounts to ceilings via zinc-plated, corrosion and shock-resistant brackets.

Lens

One-piece impact-resistant clear textured acrylic seated against a seamless, poured-in-place gasket with quick-release tool-less, molded celcon or stainless steel catches.

Housing

One piece high-impact white glass-reinforced polyester fire-resistant material. Housing features a factory-installed cable access stuffing tube.

Finish

Polyester powder-coated after phosphate pretreatment for superior adhesion and corrosion resistance.

Wiring

One piece high-reflectance electrical component mounting tray, secured with thumbscrews for tool-less access to wiring.

Weight

2 ft fixture - 6 lbs (4.5 kg)
4 ft fixture - 10 lbs (2.7 kg)

Certifications

IP 65 rated. USCG ABS approved.
UL 1598A marine listed.

Applications

- High moisture areas
- Work stations
- Passageways
- Oil platforms
- Processing plants
- Engine rooms

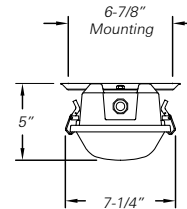
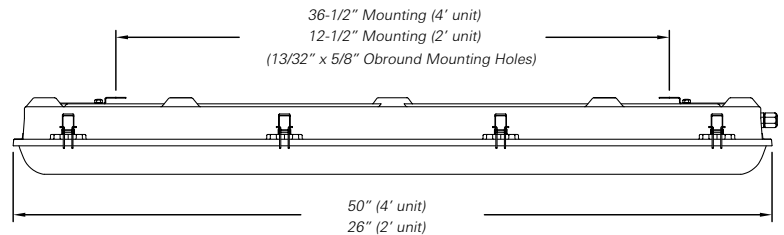
Job Name _____

Fixture Type _____

Catalog No. _____

Approval _____

Date _____



M2 - one - two - three - four - five - six
 VAR DM

one Luminaire Size
 2 2-ft fixture
 4 4-ft fixture

two LED Source
 Refer to the LED Source Table on Page 2 for available options.

three Color Temperature (white)
 30 3000K
 35 3500K
 40 4000K, standard
 50 5000K
Leave blank for GREEN-LED only.

four Voltage
 VAR Variable 120-277V, 50/60Hz

five Driver
 DM 0-10Vdc dimming, standard

six Options
 2C Two-circuit wired
 2ST Two stuffing tubes, one each end
 EM Emergency battery backup
 SJO 10' of 16/3 cable, pre-wired
 SL Stainless steel lens retention
 SM Stainless steel mounting feet

Modifications are available to meet custom requirements. Specifications and dimensions are subject to change without notice.

| CRI | LED Life |
|-----|----------|
| >80 | >100,000 |

| LED Source (Box 2) | 3000K | | 3500K | | 4000K | | 5000K | | Input Watts |
|--------------------|------------------|-----|------------------|-----|------------------|-----|------------------|-----|-------------|
| | Delivered Lumens | L/W | Delivered Lumens | L/W | Delivered Lumens | L/W | Delivered Lumens | L/W | |
| 2' Fixture | | | | | | | | | |
| 1W24* | 2366 | 138 | 2401 | 140 | 2472 | 145 | 2542 | 149 | 17.1 |
| 1W33 | 3168 | 138 | 3215 | 140 | 3309 | 144 | 3404 | 148 | 23.0 |
| 1W41 | 3898 | 136 | 3956 | 138 | 4072 | 142 | 4188 | 146 | 28.7 |
| 2W52 | 5017 | 148 | 5091 | 151 | 5241 | 155 | 5391 | 159 | 33.8 |
| 2W61 | 5824 | 147 | 5911 | 149 | 6085 | 154 | 6259 | 158 | 39.6 |
| 2W71 | 6834 | 146 | 6936 | 148 | 7140 | 153 | 7344 | 157 | 46.8 |
| 2W81 | 7795 | 142 | 7912 | 144 | 8144 | 149 | 8377 | 153 | 54.8 |
| 4' Fixture | | | | | | | | | |
| 1W25 | 2420 | 145 | 2456 | 147 | 2528 | 151 | 2601 | 156 | 16.7 |
| 1W37 | 3582 | 148 | 3635 | 150 | 3742 | 155 | 3849 | 159 | 24.2 |
| 1W49* | 4731 | 149 | 4802 | 151 | 4943 | 155 | 5084 | 160 | 31.8 |
| 1W61 | 5824 | 147 | 5911 | 149 | 6085 | 154 | 6259 | 158 | 39.6 |
| 1W71 | 6834 | 146 | 6936 | 148 | 7140 | 153 | 7344 | 157 | 46.8 |
| 1W81 | 7795 | 142 | 7912 | 144 | 8144 | 149 | 8377 | 153 | 54.8 |
| 2W93 | 8890 | 149 | 9023 | 151 | 9288 | 155 | 9544 | 160 | 59.8 |
| 2W121 | 11648 | 147 | 11822 | 149 | 12170 | 153 | 12517 | 158 | 79.3 |
| 2W142 | 13668 | 146 | 14369 | 153 | 14280 | 152 | 14688 | 157 | 93.7 |
| 2W162 | 15590 | 142 | 15823 | 144 | 16289 | 149 | 16754 | 153 | 109.6 |

*1W24: Equivalent to 2L-17W-T8-(2290) Fluorescent

*1W49: Equivalent to 2L-32W-T8-(4747) Fluorescent

Specified Output Option

LC Doane programmable drivers allows us to deliver a specific lumen output. If none of the options in the chart above fit your application, let us know the desired lumen output and we will do the rest. See the example for a 4' on how this will be specified:

Example Model:

M2-2-**XX**¹SO-40-VARDM-(**XX**²/LUMENS)

LUMENS = You provide the lumens.

XX¹ = We will determine the number of rows.

XX² = We will provide the wattage information.