



M3-LED

Marine **LED** Surface Mount Ceiling

PRODUCT SPECIFICATION

The M3 Series is designed for surface mounted use and is constructed from marine grade aluminum with an acrylic diffuser.

Mounting

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

Lens

Impact resistant, clear textured acrylic held in place with quick release spring brackets.

Housing

16 gauge marine grade sheet aluminum die-formed to shape with cast aluminum ends.

Finish

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

Wiring

Reflector-mounted electrical components for easy wiring and maintenance accessed via quarter turn thumb screws.

Weight

2 ft fixture - 15 lbs
4 ft fixture - 25 lbs

Certifications

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

Applications

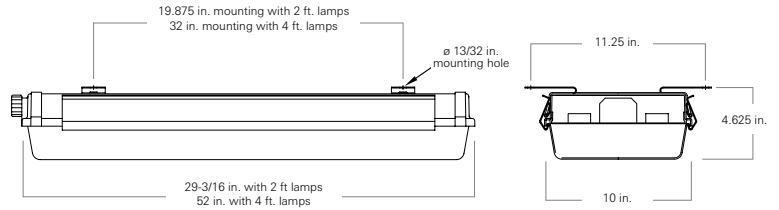
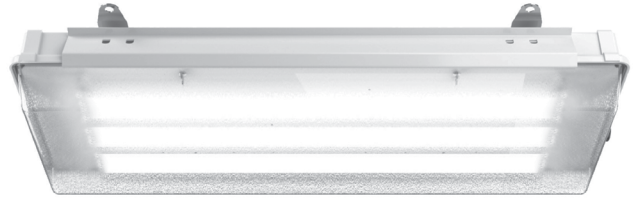
- High moisture areas
- Work stations
- Passageways
- Oil platforms
- Processing plants
- Engine rooms

Job Name _____

Fixture Type _____

Catalog No. _____

Approval _____ Date _____



one two three four five six
M3 - - - VAR DM -

one Luminaire Size

- 2 2-ft fixture
- 4 4-ft fixture

two LED Designation

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

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 Ballast
- SJO 10 ft. of 16/3 cable, prewired
- WG Wire guard

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									
1W23	2243	131	2277	133	2344	137	2410	141	17.1
1W38	3696	129	3752	131	3862	135	3970	138	28.7
2W57	5522	139	5605	142	5770	146	5932	150	39.6
2W77	7391	135	7502	137	7723	141	7939	145	54.8
3W94	9010	131	9146	133	9415	137	9679	140	68.9
3W115	11087	129	11254	131	11585	134	11909	138	86.2
4' Fixture									
1W57	5522	139	5605	142	5770	146	5932	150	39.6
1W77	7391	135	7502	137	7723	141	7939	145	54.8
2W115	11044	139	11210	141	11540	146	11863	150	79.3
2W135	12960	138	13155	140	13542	145	13921	149	93.7
2W154	14782	135	15004	137	15446	141	15878	145	109.6
3W173	16566	139	16815	141	17310	146	17795	150	118.9
3W203	19440	138	19732	140	20313	145	20882	149	140.5
3W231	22173	135	22506	137	23169	141	23818	145	164.4

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 below on how this will be specified:

Example Model:

M3-XX¹SO40/80-VARDM-OP(XX²/LUMENS)

LUMENS = You provide the lumens.

XX¹ = We will determine the number of rows.

XX² = We will provide the wattage information.

Photometric Data @ 80 CRI

Use the multipliers below to adjust the delivered lumens

90 CRI multiplier	.83
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