LCD

M3HL-LED

PRODUCT SPECIFICATION

The M3(HL) is designed for use in marine, industrial and hazardous location environments.

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

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

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

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

Driver
0-10Vdc, >0.9 PF , <20% THD
Factory programmable, Operating temp -40°C Min. to 50°C Max

Wiring
Reflector-mounted electrical components for easy wiring and maintenance accessed via quarter turn fasteners.

Weight
2 ft fixture - 14 lbs
4 ft fixture - 24 lbs

Certifications
UL 844 and UL 1598 marine listed. IP 65 rated.
Certified for
Class I Division 2, groups, A, B, C, and D,
Class II Division 2, groups F and G,
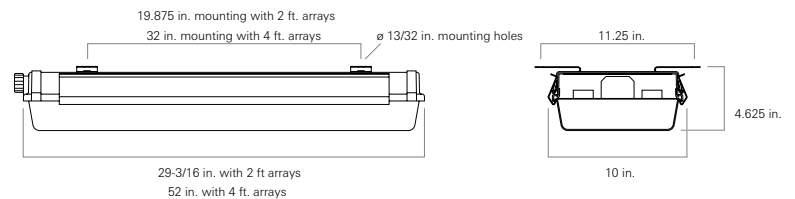Class III.

Applications
• High moisture areas
• Oil platforms
• Processing plants
• Engine rooms

Job Name

Fixture Type

Catalog No.

Approval   Date

19.875 in. mounting with 2 ft. arrays
32 in. mounting with 4 ft. arrays   ø 13/32 in. mounting holes   11.25 in.

4.625 in.

29-3/16 in. with 2 ft arrays
52 in. with 4 ft. arrays   10 in.

FIVE YEAR WARRANTY | UL 844 | MARINE UL LISTED 1598A | IP65 RATED | CLASS 1 DIV 2 | CLASS 2 DIV 2 | CLASS 3 | MADE IN USA

	one	two	three	four	five
M3HL	-	-	-	VAR	-

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 Options
EM   Emergency battery backup

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									
1	3724	130	3781	132	3892	135	4003	139	28.7
2	7450	136	7561	138	7784	142	8006	146	54.8
3	11174	134	11342	136	11676	140	12009	144	83.5
4' Fixture									
1	7450	136	7561	138	7784	142	8006	146	54.8
2	14900	136	15122	138	15568	142	16012	146	109.6
3	22350	136	22683	138	23352	142	24018	146	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:

M3HL4-**XX**[1]-40-VAR-(**XX**[2]/**LUMENS**)

LUMENS = You provide the lumens.
XX[1] = We will determine the number of rows.
XX[2] = We will provide the wattage information.

Photometric Data @ 80 CRI

90 CRI multiplier	.83