

Marine Industrial LED Floodlight



Marine-rated floodlight ideal for use on terminal yard cranes, tugboats and pushboats

Customized optics designed for marine deck and flank lighting

Built by a trusted and experienced manufacturer of marine and port lighting

Made to withstand moisture, shock and vibration of marine environments

Key Applications

General deck lighting
Embarkation lighting
Deck Winch lighting
Flank lighting
Davits
Lifeboats & life raft stations
Deck mounted cranes (OSV, PSV)
Port gantry lighting
Logo lighting
Truck lane lighting
Work platform lighting
Small area flood lighting
Tugboats
Push boats
Perimeter lighting

Compliances

UL/cUL Certified to:

- UL 1598 Suitable for Wet Locations
- UL 1598A Marine Outside Type (Saltwater)
- CSA C22.2 No. 250.0

CE

IP66

IK08

3G Vibration per ANSI C136.31

ABS

FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions.

RoHS compliant

Performance

Position	Wattage	Lumens
I	60W	8000
II	75W	10500
III	90W	13000

Specifications

Construction	Marine-grade aluminum castings 316 stainless steel mounting bracket
Finish	Powder coat in black, meets 1000 Hr Salt Fog test per ASTM B117
Hardware	316 stainless steel
Lens	Impact-resistant polycarbonate lens Medium flood (MF) and wide flood (WF) optics
Light source	Field adjustable output (8000, 10500, 13000 lumens), up to 90W 5000K LEDs (50K) 50,000 hour rated life Overload, over-voltage, over-temperature and short-circuit protection
Power source	120-347V, 50-60Hz Fully potted, isolated driver
Surge protection	6kV - standard 20kV - optional
Wiring	72.00 inch (1829 mm) cord with pigtail
Ambient operating temperature	-40°C to +55°C
Vibration	3G per ANSI C136.31
Mounting	Adjustable harp mount
Estimated fixture weight	5.4 kg (12.0 lb)
Warranty	5 years

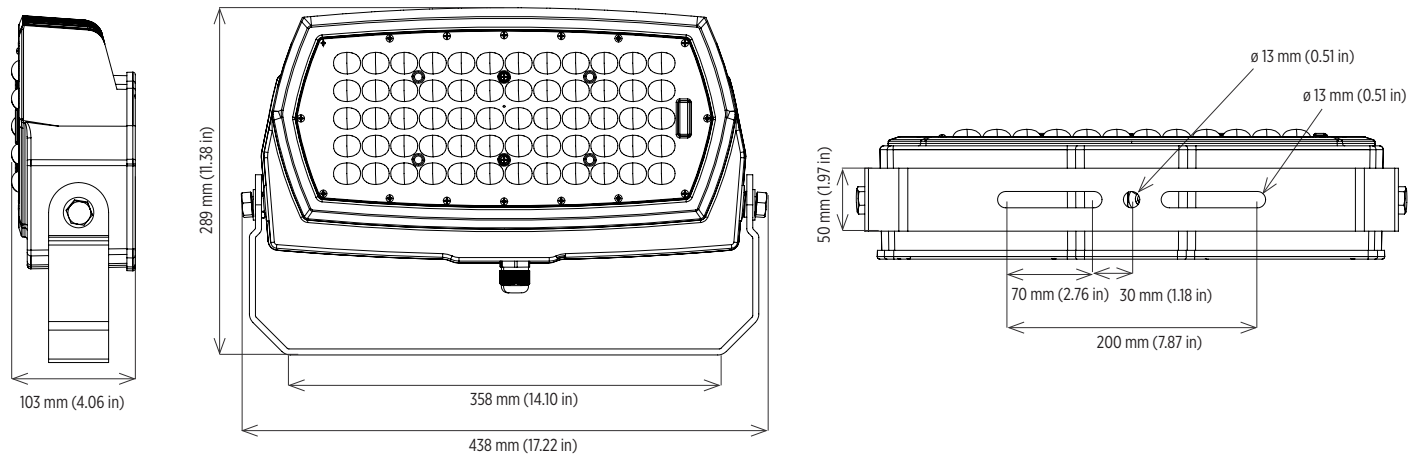
For IES files, see website or contact factory

Midline™ Flood 2

Marine Industrial LED Floodlight

PHOENIX®
DURABILITY X DESIGN™

Dimensions



Ordering Information

Example: MLF2-HI-MF-120-347V-50K

Fixture	Model	Optic	Voltage	Color Temperature	Options
MLF2	HI	MF	120-347V	50K	20KVSPD
		WF			

Model	Optic	Voltage	Color Temperature	Options
HI up to 13000 lumens (90W)	MF medium flood (35° x 30°)	120-347V 120-347V, 50-60Hz	50K 5000K LEDs	20KVSPD surge protector, 20KV (optional)
	WF wide flood (115° x 80°)			

Special Projects: We may be able to accommodate your special projects, so please don't hesitate to ask about additional options. Minimum order quantities and/or extended lead times will apply. Contact your Phoenix representative with specific inquiries.

Product design and specifications are subject to change without notice. The most current version of this specification sheet can be found at www.phoenixlighting.com.