



ModCom 2 Lo design delivers up to 14,000 lumens and replaces 400W HID fixtures

ModCom 2 Hi design delivers up to 28,000 lumens and replaces 1000W HID fixtures

ModCom 2 Max design delivers up to 42,000 lumens and replaces 1500W HID fixtures

Designed to withstand the world's harshest environments

LED technology increases efficiency, eliminates maintenance and supports green initiatives

Key Applications

Draglines	Wastewater & sewer treatment plants
Electric rope shovels	Waterline perimeter lighting
Equipment Wash Bays	General deck flood lighting
High bay lighting	Portal crane lighting
Maintenance hangars	Hazardous locations

Compliances

ETL/cETL Certified to:

- UL 1598 Suitable for Wet Locations
- UL 1598A Marine Outside Type (Saltwater)
- UL 844 Hazardous Location
 - Class I, Division 2 Groups A, B, C, D
 - Class I, Zone 2 Groups IIC
 - Class II, Division 2 Groups F & G
 - Class III
- T3C, 160°C maximum surface temperature
- CSA C22.2 No. 250.0
- CSA C22.2 No. 137

CE

ABS

IP67 (LO and HI models only)

IP69K

LM79 and LM80 reports available

Specifications

Construction	Marine grade cast aluminum housing Adjustable powder coated steel mounting harp
Finish	Black thermoset powder coat finish

Specifications

Hardware	Marine grade (316) stainless steel
Lens	Clear, tempered glass Amber option (AM) - contact factory
Light source	Up to 125W (LO), up to 240W (HI), up to 355W (MAX) - V2 Up to 142W (LO), up to 270W (HI) (DC models only) Up to 14,000 lumens (LO), 28,000 lumens (HI), up to 42,000 lumens (MAX) CRI > 70 (CW) Other CCT options available - contact factory 50,000 hour rated life
Power source	10-50V DC; 120-277V, 50-60Hz; 277-480V, 50-60Hz 0-10V dimmable (DIM) Replaceable Overload, over-voltage, over-temperature and short-circuit protection
Wiring	72 inch (1829 mm) cord with pigtail Stranded wires Knockouts for continuous row mounting
Ambient operating temperature	-40°C to +50°C - standard -40°C to +40°C - amber
Mounting	Indexed aiming and lockable in 5° increments
EPA (wind load)	LO model - 2.1 sq. ft. (0.20 m ²) HI model - 2.7 sq. ft. (0.25 m ²) MAX model - 4.0 sq. ft. (0.37 m ²)
Estimated fixture weight	LO, DC - 22.0 lb (10.0 kg) LO, AC - 29.0 lb (13.2 kg) HI, DC - 30.0 lb (13.6 kg) HI, AC - 39.0 lb (17.7 kg) MAX, AC - 52.0 lb (23.6 kg)
Warranty	5 years



This product complies with domestic preference requirements such as BAA or TAA. For additional information, visit phoenixlighting.com or consult your representative.

For IES files, see website or contact factory

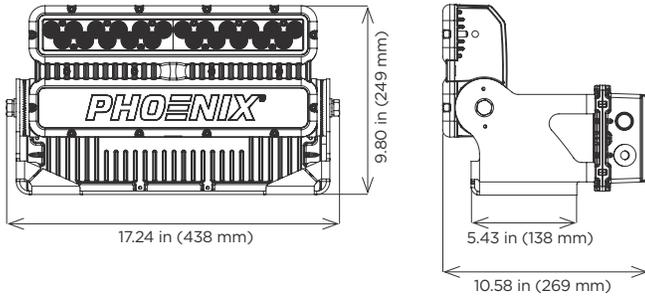
ModCom® 2 Series

Heavy Duty LED Floodlight

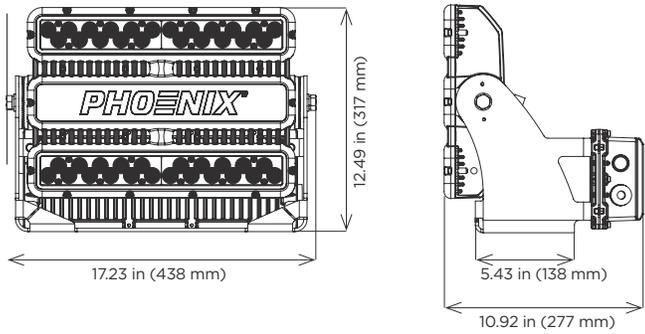
PHOENIX®
DURABILITY X DESIGN™

Dimensions

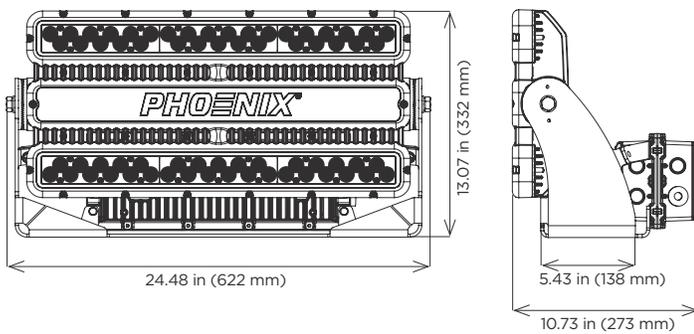
ModCom® 2 LO



ModCom® 2 HI



ModCom® 2 MAX



ModCom® 2 Hi fixtures on a shovel

Ordering Information

Example: MC2-LO-MF-120-277-V2

Fixture	Wattage	Optic	Voltage	Options	Generation
MC2	LO	WF	DC ^{1,3,4,5}	AM ^{1,2}	V2 ⁵
	HI	MF	120-277	HAZ	
	MAX	WS	277-480	DIM	
		SP			
		VS			

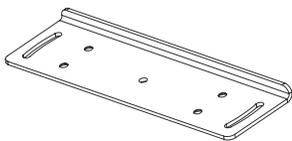
Wattage	Optic	Voltage	CCT	Generation
LO up to 145W	WF Wide flood	DC ^{1,3,4,5} 10-50V DC	AM Amber lens	V2 ⁵ Version 2
HI up to 290W	MF Medium flood	120-277 120-277V, 50-60Hz	HAZ UL 844 listed	
MAX up to 435W	WS Wide spot	277-480 ^{1,2} 277-480V, 50-60Hz	DIM Dimmable (0-50V)	
	SP Spot			
	VS Very narrow spot			

Notes

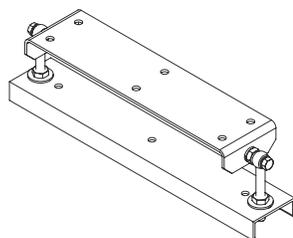
- 1 Contact factory for more information
- 2 Lower light output than cool white fixtures
- 3 DC voltage not available on MAX fixtures
- 4 Wattage and lumen output may be less on DC models. Contact factory for details.
- 5 V2 not applicable to 10-50V (DC)

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.

Accessories (order separately)



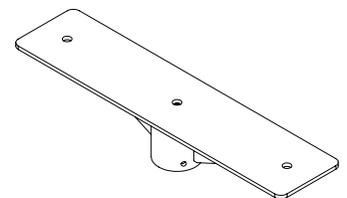
Mounting Adapter Bracket
AMB-MC2
Adapts to original ModCom/
MRSE mounting pattern
(LO & HI fixtures only)



Boom Mount Kit
BMKM-MC2 (LO & HI fixtures)
EM2-BMK (MAX fixtures)



Safety Cable Kit
SFCB-MC2

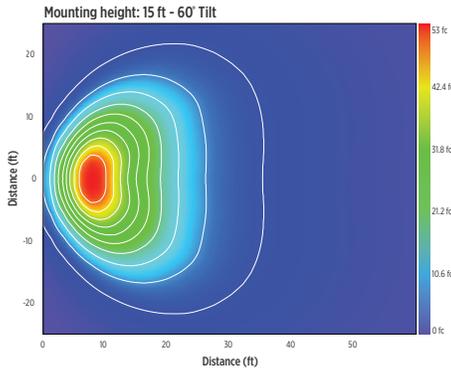


2 3/4 inch Tenon Mount
PTM-MC2 (LO & HI fixtures)
PTM-MAX/420 (MAX fixtures)

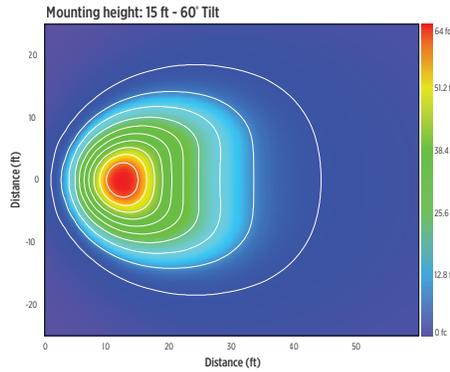
Isolux Charts

Charts shown reflect cool white LEDs.

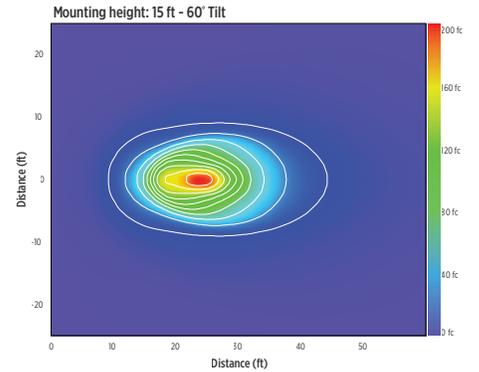
ModCom 2 MAX - Wide Flood



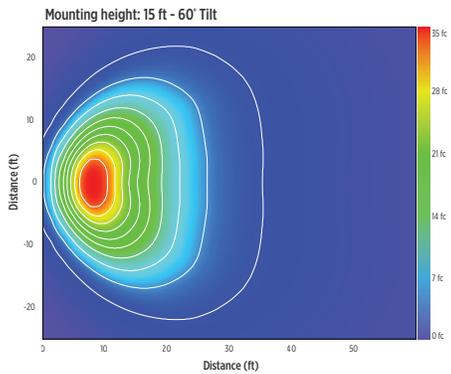
ModCom 2 MAX - Medium Flood



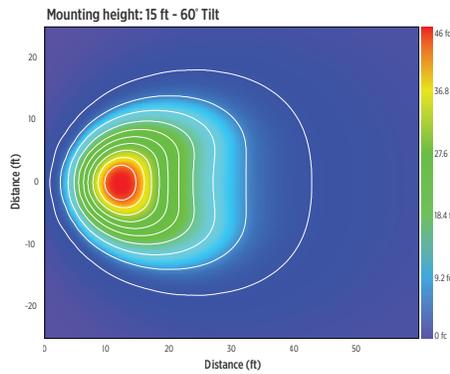
ModCom 2 MAX - Very Narrow Spot



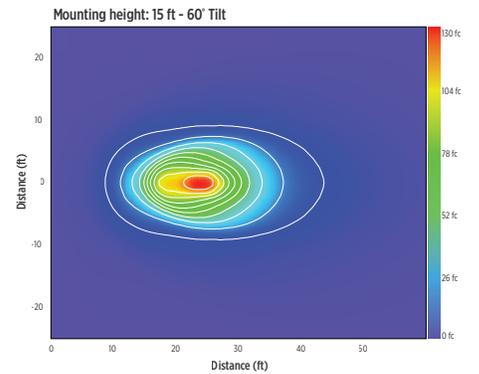
ModCom 2 HI - Wide Flood



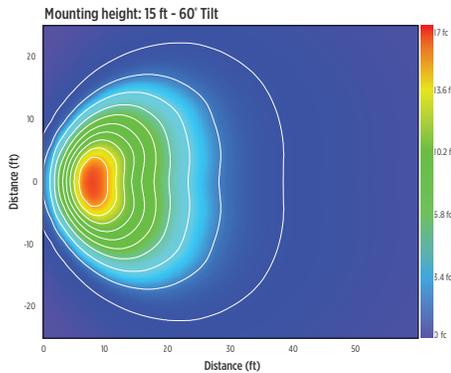
ModCom 2 HI - Medium Flood



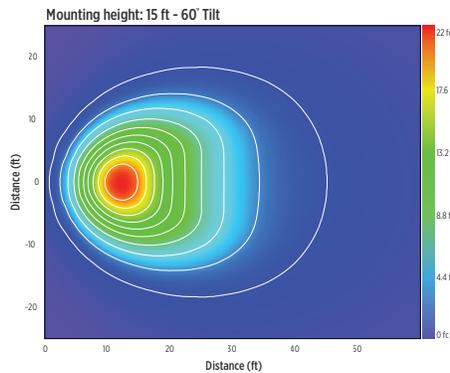
ModCom 2 HI - Very Narrow Spot



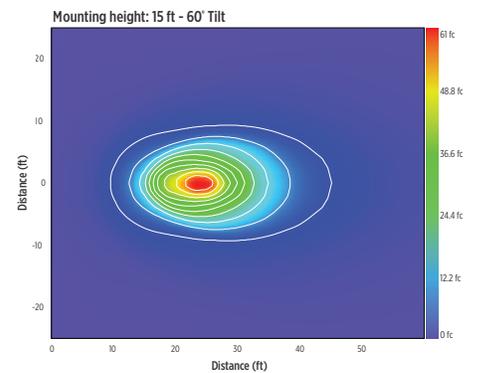
ModCom 2 LO - Wide Flood



ModCom 2 LO - Medium Flood



ModCom 2 LO - Very Narrow Spot



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.