



Third generation floodlight designed to withstand the world's harshest and most demanding environments

Custom designed, high temperature optics improve safety, increase efficiency and maximize operator comfort

Optional Amber LEDs increase visibility and productivity in high fog, dust, and snowy conditions

Robust construction ideal for high vibration, high temperature and hazardous applications

Key Applications

- Draglines
- Electric rope shovels
- High bay lighting
- Waterline perimeter lighting
- General deck flood lighting
- Portal crane lighting
- Vessel perimeter lighting
- Aft wheelhouse lighting
- Deck flood lighting
- Bulk handling
- Chemical processing & storage
- Wastewater treatment plants
- Maintenance hangars
- Hazardous locations

Designed to Meet

ETL/cETL Certified to:

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

CE

ABS

IP67

IP69K

DLC (contact factory)

LM79 and LM80 reports available



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

Specifications

Construction	Marine grade cast aluminum housing Adjustable powder coated steel mounting harp
Finish	Black thermoset powder coat 2-step finish
Hardware	Marine grade (316) stainless steel
Lens	Clear, tempered glass
Surge Protection	20kV (20kA)
Light source	Up to 121W (LO), up to 231W (HI), up to 438W (MAX) Up to 15,000 lumens (LO) Up to 30,000 lumens (HI) Up to 52,500 lumens (MAX) Cool white (50K) or Amber (AM) LEDs CRI > 70 - standard Other CCT options available - contact factory 50,000 hour rated life
Power source	120-277V, 50-60Hz; 277-480V, 50-60Hz 0-10V dimming option (DIM) Overload, over-voltage, over-temperature and short-circuit protection
Wiring	72.00 inch (1829 mm) cord with pigtail Stranded wires Ability to continuous row mount
Ambient operating temperature	-40°C to + 60°C (LO & HI models) -40°C to + 50°C (MAX model)
Mounting	Indexed aiming and lockable in 5° increments
Vibration	6G at resonant frequency
Weight	LO - 31.0 lb (14.1 kg) HI - 39.6 lb (18.0 kg) MAX - 49.2 lb (22.3 kg)
Warranty	5 years

For IES files, see website or contact factory

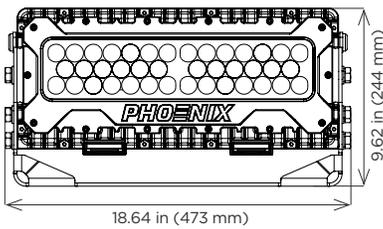
ModCom® 3 Series

Heavy Duty LED Floodlight

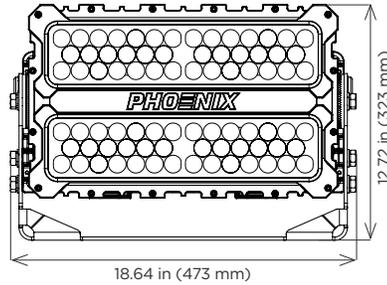
PHOENIX[®]
DURABILITY X DESIGN™

Dimensions

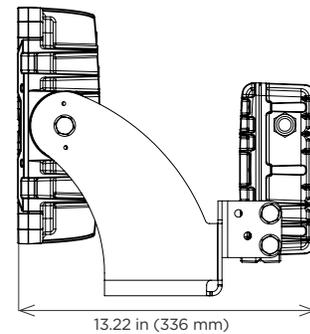
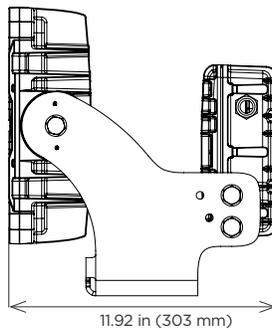
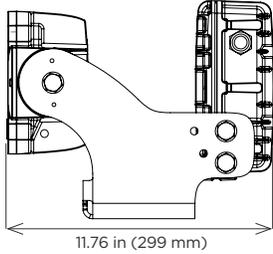
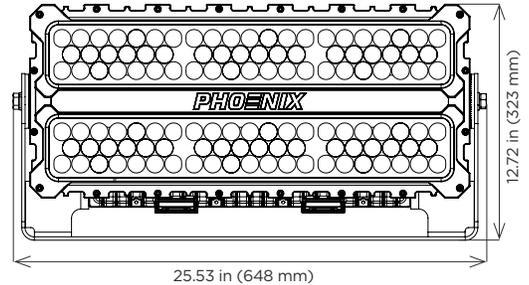
LO Model



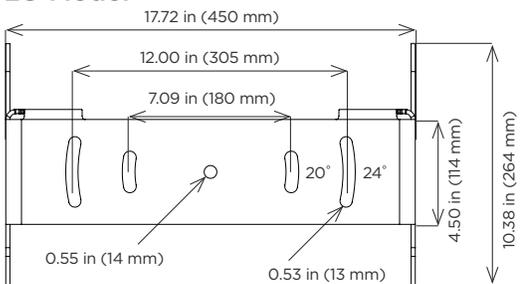
HI Model



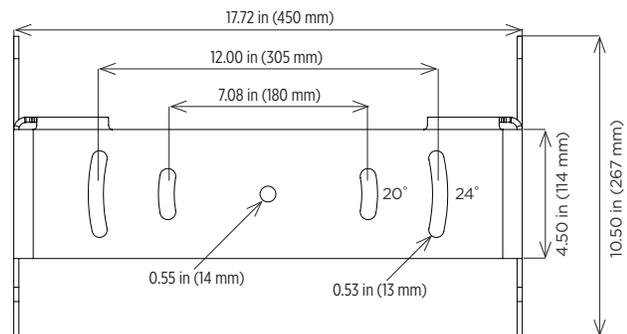
MAX Model



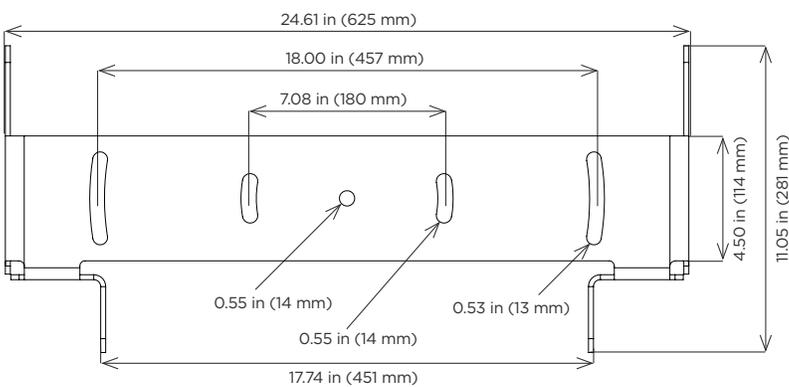
LO Model



HI Model



MAX Model



Ordering Information

Example: MC3-LO-MF-120-277-50K

Fixture	Model	Optic	Voltage	Color Temperature	Options
MC3	LO	WF	120-277	50K	DIM
	HI	MF	277-480	AM ¹	
	MAX	WS			
		SP			
		VS			
		NG			

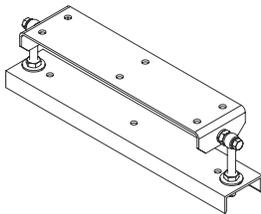
Model	Optic	Voltage	Color Temperature	Options
LO up to 121W	WF Wide flood	120-277 120-277V, 50-60Hz	50K Cool white (5000K) LEDs	DIM Dimmable (0-10V)
HI up to 231W	MF Medium flood			
MAX up to 438W	WS Wide spot	277-480 277-480V, 50-60Hz	AM ¹ Amber LEDs	
	SP Spot			
	VS Very narrow spot			
	NG No-glare/perimeter			

Notes

1 Lower light output than standard cool white models

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.

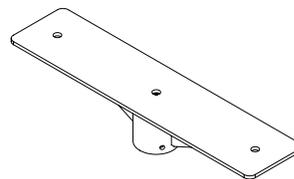
Accessories (order separately)



Boom Mount Kit
BMK-LO/HI
(LO & HI models only)
BMK-MAX
(MAX models only)



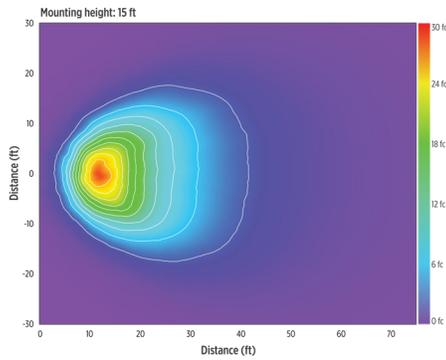
Safety Cable Kit
SFCB-EM/MC



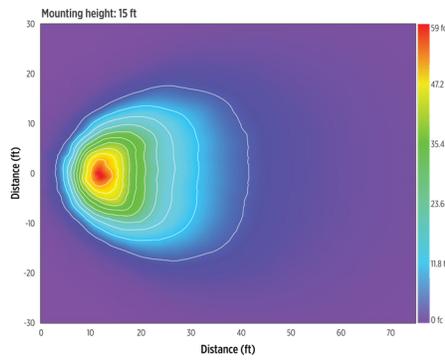
2 ¾ inch Tenon Mount
PTM-LO/HI
(LO & HI models only)
PTM-MAX
(MAX models only)

Isolux Charts

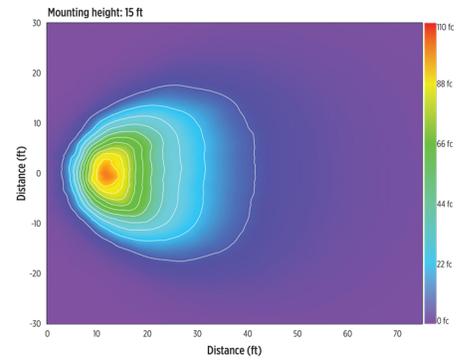
MC3-LO - Medium Flood



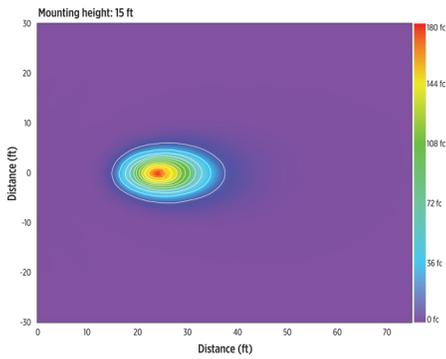
MC3-HI - Medium Flood



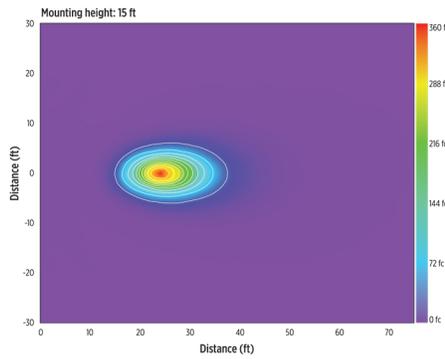
MC3-MAX - Medium Flood



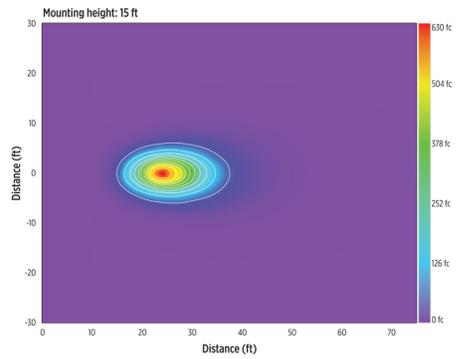
MC3-LO - Very Narrow Spot



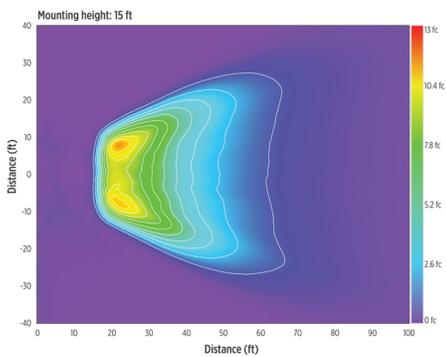
MC3-HI - Very Narrow Spot



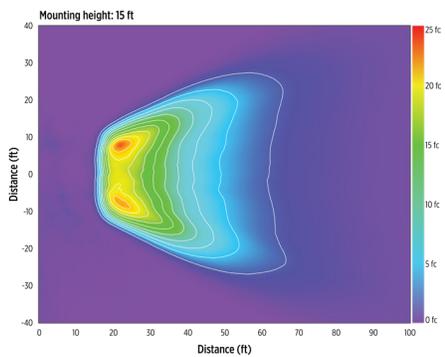
MC3-MAX - Very Narrow Spot



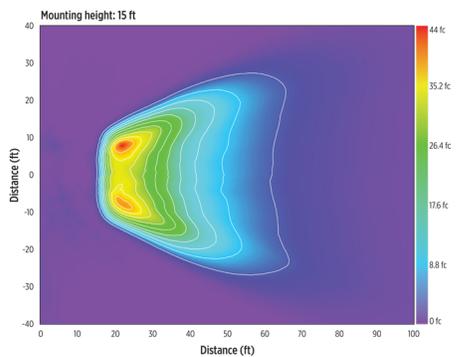
MC3-LO - No-Glare



MC3-HI - No-Glare



MC3-MAX - No-Glare



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.