

Industrial LED Floodlight & High Bay



Heavy industrial flood & high bay designed to withstand the world's harshest environments
Ideal for use in a variety of mining, heavy industrial and power generation applications

Consists of marine-grade components for superior corrosion resistance

Versatile fixture with various color temperature, optic, voltage & mounting options

Key Applications

Heavy industrial
Manufacturing facilities
Warehouses
Power generation

Compliances

UL/cUL Certified to:

- UL 1598 Suitable for Wet Locations
- UL 1598A Marine Outside Type (Saltwater)

IP66

IK10

ABS

Specifications

Construction	Die cast aluminum housing
Finish	Gray thermoset powder coat
Hardware	316 stainless steel external hardware
Lens	Clear, tempered glass
Light source	14,000 lumens - 100W 28,000 lumens - 200W CRI ≥ 70 CCT 5000K (50K), 4000K (40K) and 3000K (30K) 100,000 hour rated life
Power source	120-277V, 50/60Hz or 277-480V, 50/60Hz 1-10V dimming capability 6kV surge protection
Wiring	3 x ¾ inch NPT openings
Ambient operating temperature	DFN2-HI-100: -40°C to +65°C DFN2-HI-200: -40°C to +45°C
Salt spray	Tested to ASTM B117 for 1000 hours
Mounting	316 stainless steel mounting bracket (capable of 135° rotation, see 'Aiming Capability' section) - standard Ceiling, wall or pendant mount
Weight	39.5 lb (17.9 kg)
Warranty	5 years

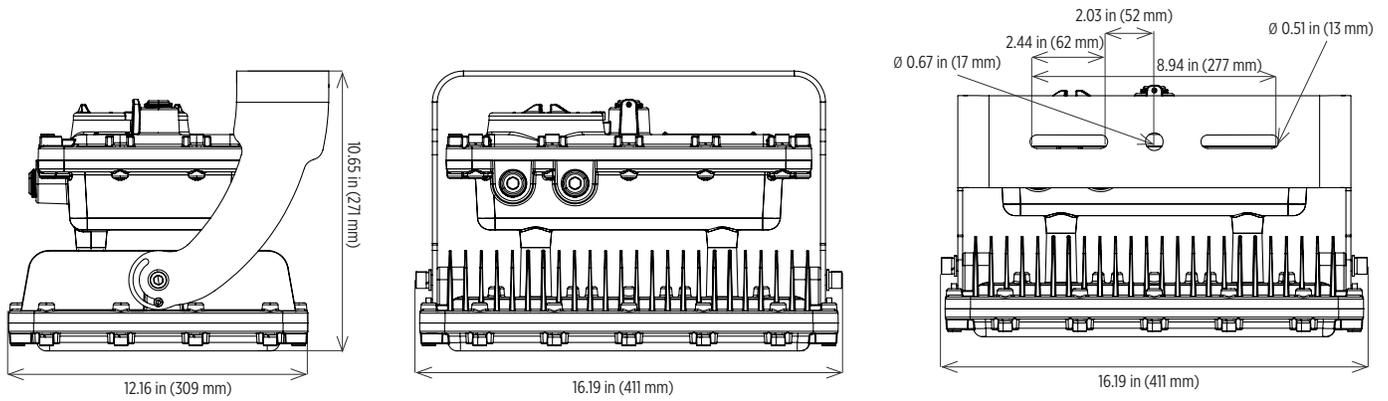
For IES files, see website or contact factory

Defend Flood™ 2 HI

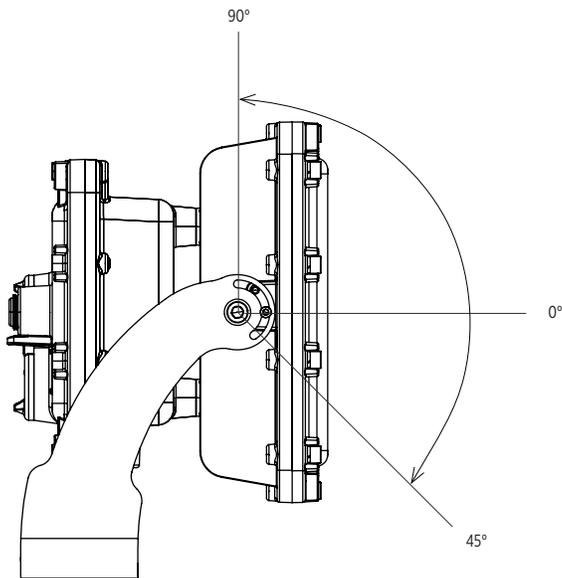
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PHOENIX[®]
DURABILITY X DESIGN™

Dimensions



Aiming Capability



Defend Flood™ 2 HI

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Ordering Information

Example: DFN2-HI-100-WF-120-277-50K

Fixture	Wattage	Optic	Voltage	CCT
DFN2-HI	100	FL	120-277	50K
	200	WF	277-480 ¹	40K ¹
				30K ¹

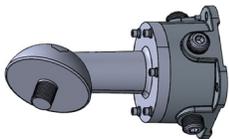
Wattage	Optic	Voltage	CCT
100 up to 14,000 lumens - 100W	FL Flood optic (60°)	120-277 120-277V, 50/60Hz	50K 5000K
200 up to 28,000 lumens - 200W	WF Wide flood optic (120°)	277-480 ¹ 277-480V, 50/60Hz	40K ¹ 4000K 30K ¹ 3000K

Notes:

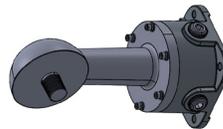
1 Contact factory for availability

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



25° Stanchion Mount
SM25



90° Stanchion Mount
SM90

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.