



Sturdilite® Move Series LO

Low-voltage LED Floodlight

Durable, economic line of DC-voltage LED work lights

Lightweight, compact design ideal for use on mobile equipment

Spot and flood optics minimize glare and provide precise optical control

LED technology increases efficiency, eliminates maintenance and supports green initiatives

Key Applications

Surface mining equipment

• haul trucks • front loaders • blasthole drills • dozers • hydraulic excavator shovels

Underground mining equipment

• jumbos • scoopers • dumpers

Construction equipment

• mobile cranes • excavators • rollers

Port equipment

• material handling • reach stackers

Marine vessels

• patrol boats • fishing boats

Agricultural equipment

• combine harvester • tractors • ATVs

Forestry equipment

• harvesters • forwarders • loaders

Other applications

• utility vehicles • pick-up trucks • off-road equipment • forklift trucks • maintenance of Way (MOW) railroad maintenance equipment • solar and generator powered lighting

Compliances

CE

IP69K

CISPR 25 - Class 4

Specifications

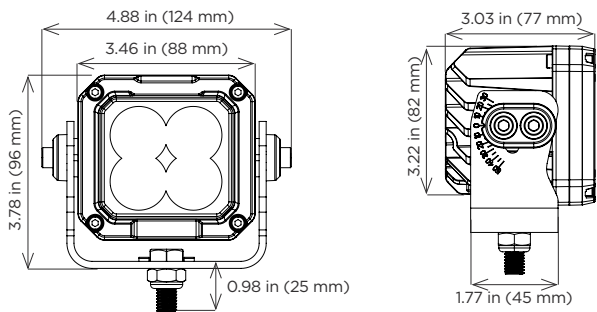
Construction	Die cast aluminum housing
Finish	Black powder coat
Hardware	Stainless steel
Lens	Impact-resistant polymer - standard Spot (SP) and flood (FL) optics Precise optical control minimizes glare
Light source	Up to 11W, up to 800 lumens (VLO) Up to 19W, up to 2000 lumens (LO) Cool white (5700K) LEDs 50,000 hour rated life
Power source	Nominal voltage range: 12-24V DC Input voltage range: 9-32V DC 17.00 inch (432 mm) cord with Deutsch connector
Wiring	Stranded wires
Ambient operating temperature	-40°C to +85°C
Shock	ISO 16750-3: 2012, 50G
Vibration	up to 30G
Salt spray	IEC 60068-2-11
Mounting	Stainless steel harp
Warranty	1 year

For IES files, see website or contact factory

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Dimensions



Ordering Information

Example: MV-LO-SP

Fixture	Model	Optic
MV	LO	SP
	VLO ¹	FL

Model	Optic
LO 19W, up to 2000 lumens	SP Spot Optic
VLO ¹ 11W, up to 800 lumens	FL Flood Optic

Notes

1 VLO model only available with flood optic (FL).

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.