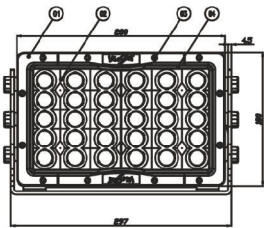




PITMASTER

LED METAL HALIDE REPLACEMENT



High Pressure Sodium (HPS) and Metal Halide Replacements

The PitMaster Heavy-Duty LED Light is designed as a direct replacement for HPS and Metal Halide lighting. Engineered and manufactured as a commercial grade product, the PitMaster is used worldwide in mine sites, parking lots, warehouses, sports fields and everywhere in between as a lighting module that produces more light and consumes less energy than metal halide or HPS lighting.

Prime Drive Technology

Prime Drive on the PitMaster Series integrates key features such as electronic thermal management (ETM), Pulse Width Modulation circuitry (PWM) dimming capabilities. ETM actively monitors heat to control internal temperature and extend the LED lifespan.

Redundant Circuit Design

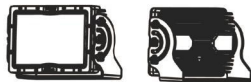
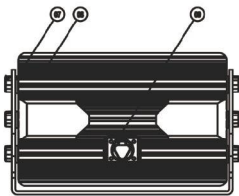
The PitMaster 60 is unique in that it features a redundant circuit design, allowing the light to function 100% in the case that one component should fail. This is part of the effort by Vision X to ensure that the PitMaster exceeds half engine life on mining vehicles.

Industrial Grade Build

The combination of a die-cast 6061 aluminum housing, unbreakable polycarbonate lens, integrated deutsch connector, reinforced gasketed bezel and a strengthened trunnion bracket create a one-of-a-kind, high-powered light that will outshine and outlast the competition.

Available Mounts and Power Supplies

The PitMaster line comes with mounting solutions and power supplies to integrate into any project. Mounts are available for hanging, flush mounting street mounting applications. Power supplies are available for high voltage and AC to DC applications.



Pit Master Usage Guide

Pit Master 60: Direct 1 for 1 replacement for 800-1000 Watt HPS lighting featuring for a 70% reduction in power consumption while increasing effective output by 30%. Twin redundant circuit boards and inverters in the 60 LED model completely remove unscheduled maintenance allowing the light to function even if half the system fails.

Pit Master 30: Direct 1 for 1 replacement for 400-500 Watt HPS lighting featuring for a 70% reduction in power consumption while increasing effective output by 30%.

Pit Master Series Applications

MACHINE	PLACEMENT	MODEL	BEAM
LARGE ROPE SHOVELS (P&H 4100XPC with 1000W OE HPS LAMPS)	Direct replacement of 1000 watt HPS lighting, 1 for 1	MIL-PMX6060	60°
LARGE ROPE SHOVELS (P&H 2300 & 2800 with 500W OE HPS LAMPS)	Direct replacement of 500 watt HPS lighting, 1 for 1	MIL-PMX3060	60°
JUMBOS, BOLTERS LIGHT PLANTS	Direct replacement of 400-500 watt HPS lighting, 1 for 1	MIL-PMX3060	60°
DRAG LINES	Lower boom lights - direct replacement 1 for 1 for all lower lights	MIL-PMX6060	60°
	Upper boom lights - direct replacement 1 for 1 for upper 2 lights	MIL-PMX6025	25°
DRILL RIGS (With 400W-500W HPS)	Direct replacement of 400-500 watt HPS lighting, 1 for 1	MIL-PMX3060	60°
BUILDING LIGHTING	Warehouse lighting - direct replacement of 400-500 watt HPS lighting, 1 for 1	CXA-PMX3060HPS	60°
	Low bay lighting - direct replacement of 400-500 watt HPS lighting, 1 for 1	CXA-PMX3060FPS	60°
STREET LIGHTING	Direct street light module replacement with mount, light components	CXA-PMX3060CPS	60°

* Beam patterns are suggestions and may change based on specific project specifications



Optional AC/DC Converter

High voltage inverters support up to 480V of AC input.



ITEM #	XPC-PS150-24	XPC-PS150-HV-24
PART # (Stock Code)	4008236	9887371
INPUT VOLTAGE	100-277V AC	180-480V AC
OUTPUT VOLTAGE	24V DC	24V DC
WATTAGE	150	150
MAX AMP DRAW (24V)	6.25A	6.25A

Optional Junction Boxes

High voltage connection to light.



PitMaster 30 Shown with P-JBOXPSE



P-JBOXPSE



P-JBOXAC

ITEM #	P-JBOXPSE	P-JBOXAC	P-JBOX1B	P-JBOX2B
PART # (Stock Code)	9132617	9129822	9147826	9147918
PURPOSE	Fully Enclosed Junction Box	AC Wiring Junction Box	P-JBOXPSE Mounting Bracket	P-JBOXPSE Mounting Bracket
FITS	XPC-PS150-24 x1	Mounts to XPC-PS150-24 or 185	PitMaster 30 Mount	PitMaster 60 Mount

Optional Mounts

Available mounts include the Cobra Head, the Flush Mount the Hanging Mount.



Flush Mount
 For Low Bay Applications
 9131085/P-PMX30FLUSHMOUNT



Hanging Mount
 For Hanging Applications
 9131177/P-PMX30HANGINGMOUNT



Cobra Head Mount
 For Street Lighting
 9130996/P-PMX30COBRAHEADMOUNT

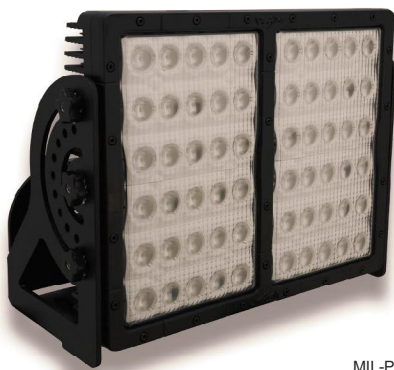
Pit Master Series Packages

ITEM #	PART # (Stock Code)	DESCRIPTION	PARTS INCLUDED	VOLTAGE
CXA-PMX3060HPS	9887388	30 LED PIT MASTER MINING INDUSTRIAL LIGHT 60° FLOOD HANGING MOUNT W/ MOUNTED POWER SUPPLY	MIL-PMX3060 X 1 XPC-PS150-24 X 1 P-PMX30HANGINGMOUNT X 1 P-JBOXAC X 1	90-277 AC
CXA-PMX3060FPS	9887395	30 LED PIT MASTER MINING INDUSTRIAL LIGHT 60° FLOOD FLUSH MOUNT W/ MOUNTED POWER SUPPLY	MIL-PMX3060 X 1 XPC-PS150-24 X 1 P-PMX30FLUSHMOUNT X 1 P-JBOXAC X 1	90-277V AC
CXA-PMX3060CPS	9887401	30 LED PIT MASTER MINING INDUSTRIAL LIGHT 60° FLOOD COBRA HEAD MOUNT W/ MOUNTED POWER SUPPLY	MIL-PMX3060 X 1 XPC-PS150-24 X 1 P-PMX30COBRAHEADMOUNT X 1 P-JBOXAC X 1	90-277V AC
CXA-PMX3060PS	9887289	30 LED PIT MASTER MINING INDUSTRIAL LIGHT 60° FLOOD W/ MOUNTED POWER SUPPLY	MIL-PMX3060 X 1 XPC-PS150-24 X 1 P-JBOXAC X 1	90-277V AC
CXA-PMX6060HPS	9887425	60 LED PIT MASTER MINING INDUSTRIAL LIGHT 60° FLOOD W/ MOUNTED POWER SUPPLIES	MIL-PMX6060 X 1 XPC-PS150-24 X 2 P-PMX60HPLATE X 1 P-JBOXAC X 2	90-277 AC
CXA-PMX6060PS	9887425	60 LED PIT MASTER MINING INDUSTRIAL LIGHT 60° FLOOD W/ MOUNTED POWER SUPPLIES	MIL-PMX6060 X 1 XPC-PS150-24 X 2 P-JBOXAC X 2	90-277 AC



PIT MASTER 60 HPS REPLACEMENT LIGHT

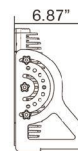
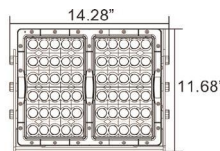
1000 WATT METAL HALIDE REPLACEMENT



MIL-PMX6060 Shown

Pit Master 60 Series

The Pit Master series was designed with many applications in mind, reducing power consumption and increasing light output.



ITEM #	MIL-PMX6010	MIL-PMX6025	MIL-PMX6040	MIL-PMX6060	MIL-PMX6090	MIL-PMX60e3065
PART # (Stock Code)	9113081	9113173	9113265	9113357	9139906	9113449
BEAM PATTERN	10° Narrow	25° Medium	40° Wide	60° Extra Wide	90° Xtreme Wide	30x65° Elliptical

Technical Information

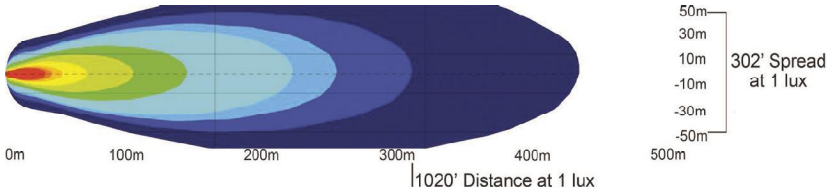
WARRANTY	Extended
RAW LUMENS	29,580 lm
EFFECTIVE LUMENS	21,647 lm
WATTAGE	300
WEIGHT	26.46 lb/12 kg
LED LIFESPAN	50,000 Hours
DIMENSIONS	14.21" x 11.54" x 6.87" 361 mm x 293 mm x 174.5 mm
INPUT VOLTAGE	11-65V DC 100-480V AC w/Optional Inverter
AMP DRAW (12V)	25A
IP RATING	IP-68
VIBRATION RATING	15.6 G _{rms}
OPERATING TEMP	-40 Celsius ~ +80 Celsius

Features

- Integrated Power Supply Mount (Power Supply Sold Separately)
- Xtreme Five Watt LED is Drive to 90% Efficiency
- Integrated Electronic Thermal Management
- 360° Fully Adjustable Mounting System
- Integrated Deutsch Connector
- Die-Cast Aluminum Housing
- Reinforced Gasketed Bezel
- Redundant Circuitry Design
- Polycarbonate Lens
- Patent Pending



40° Wide Beam



60° Extra Wide Beam





KEY FACTS

5 Watt Xtreme Lighting

The PitMaster uses 5 Watt LED for the combination of the most distance and most intense light output.

Dimming Capability

Pulse Width Modulation circuitry flashes the LED faster than the human eye can see to achieve dimming capability.

Prime Drive Technology

With Prime Drive, Electronic Thermal Management maintains a safe operating temperature for the light without sacrificing output.

Extruded Aluminum

Extruded 6061 Aluminium is used to achieve an Ingress Protection rating of IP-68, creating a light bar with unmatched durability and protection.

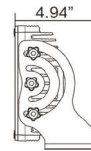
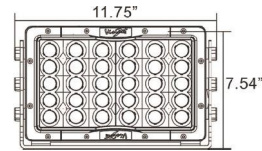
PIT MASTER 30 HPS REPLACEMENT LIGHT

500 WATT METAL HALIDE REPLACEMENT



Pit Master 30 Series

The Pit Master series was designed with many applications in mind, reducing power consumption and increasing light output.



MIL-PMX3040 Shown

ITEM #	MIL-PMX3010	MIL-PMX3025	MIL-PMX3040	MIL-PMX3060	MIL-PMX3090	MIL-PMX30e3065
PART # (Stock Code)	9112633	9112725	9112817	9112909	9138107	9112992
BEAM PATTERN	10° Narrow	25° Medium	40° Wide	60° Extra Wide	90° Xtreme Wide	30x65° Elliptical

Technical Information

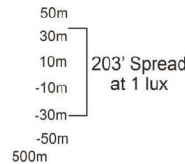
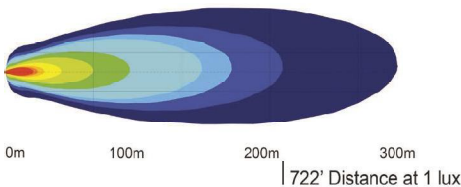
WARRANTY	Extended
RAW LUMENS	14,790 lm
EFFECTIVE LUMENS	10,727 lm
WATTAGE	150
WEIGHT	12.34 lb/5.6 kg
LED LIFESPAN	50,000 Hours
DIMENSIONS	11.69" x 7.09" x 4.94" 297 mm x 180 mm x 125.5 mm
INPUT VOLTAGE	11-65V DC 100-480V AC w/Optional Inverter
AMP DRAW (12V)	12.5A
IP RATING	IP-68
VIBRATION RATING	15.6 G _{rms}
OPERATING TEMP	-40 Celsius ~ +80 Celsius

Features

- Integrated Power Supply Mount (Power Supply Sold Separately)
- Xtreme Five Watt LED is Drive to 90% Efficiency
- Integrated Electronic Thermal Management
- 360° Fully Adjustable Mounting System
- Integrated Deutsch Connector
- Die-Cast Aluminum Housing
- Reinforced Gasketed Bezel
- Polycarbonate Lens
- Patent Pending



40° Wide Beam



60° Extra Wide Beam

