



LIGHT TOWER LIGHTING

For Models : All Light Plant Models



LED | LIGHTING CATALOG

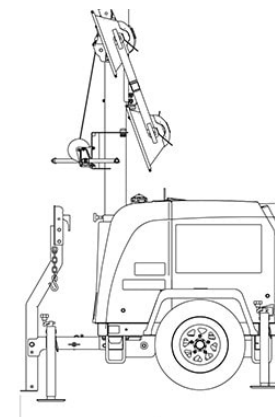


ENGINEERED LIGHTING SOLUTIONS

Vision X lighting fixtures are not merely lighting systems, they are engineered lighting solutions. They provide increased efficiency, increased safety, decreased environmental impact, and decreased costs. Vision X LED lights offer a large increase in energy efficiency over older technologies while also increasing the safety and productivity of the working environment by outputting 80% more light than the fixtures used previously.

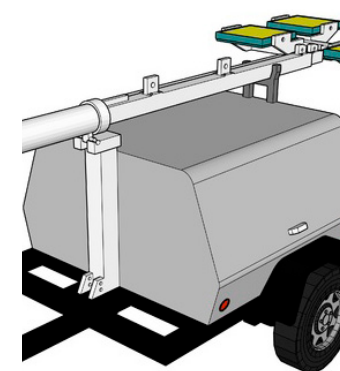


SOLUTION PROCESS



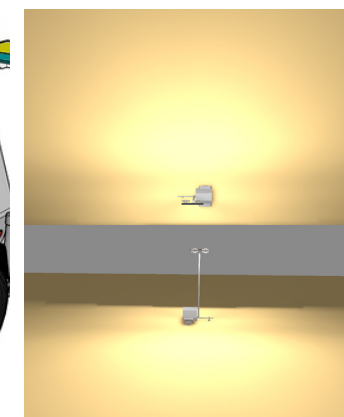
2D BLUEPRINT

Vision X Lighting begins each project with a customer provided list of machines to be retrofitted, then gathers the technical information for those machines.



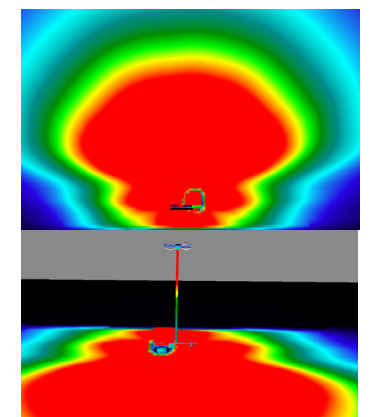
3D MODEL

A 3D model is built to the customer's specifications, then carried over into the rendering.



SIMULATION RENDER

A simulation rendering ensures the final product will meet the customer's lighting requirements.

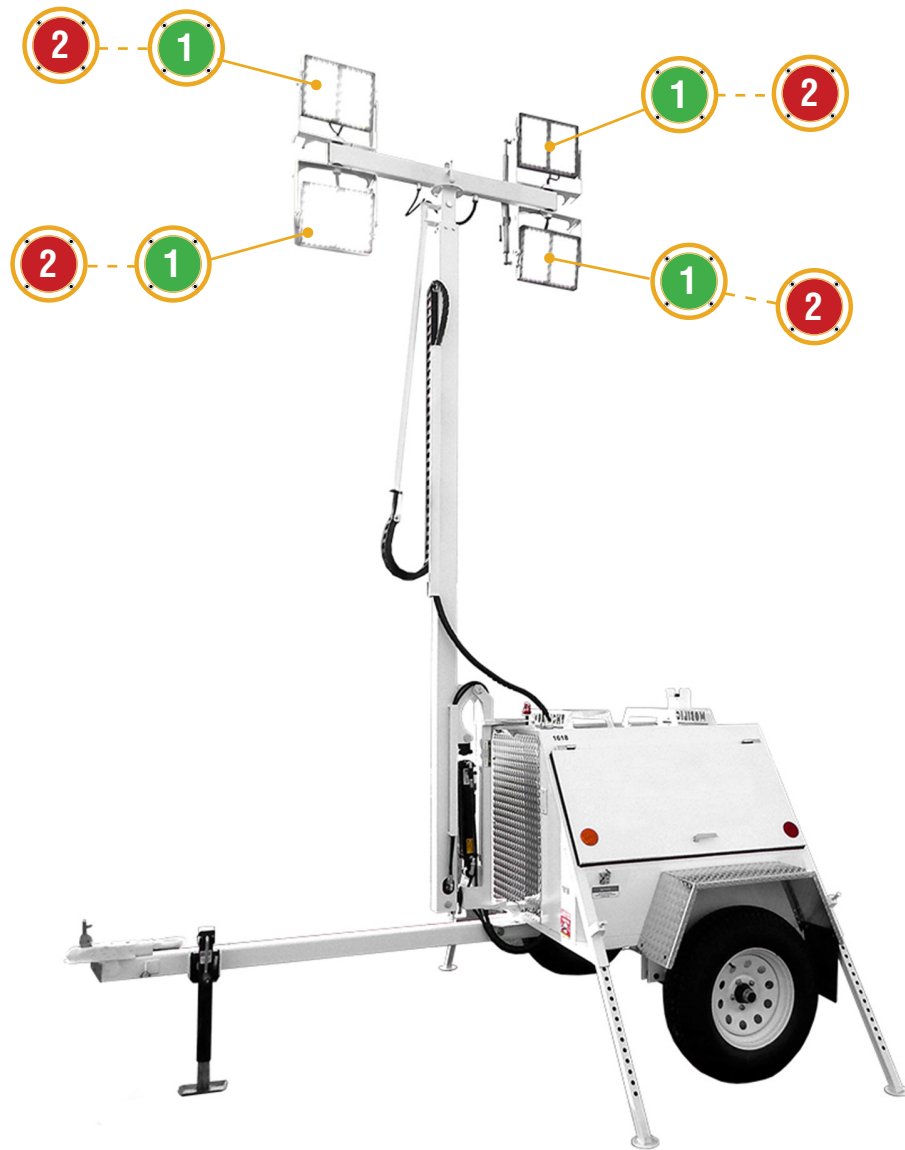


SOLUTION

Vision X Lighting creates a complete breakdown of the customer's specific needs to meet their lighting and safety requirements.



LIGHT TOWER FITOUT GUIDE



1 PITMASTER 30



TRAMMING LIGHTING
DC PITMASTER-SERIES

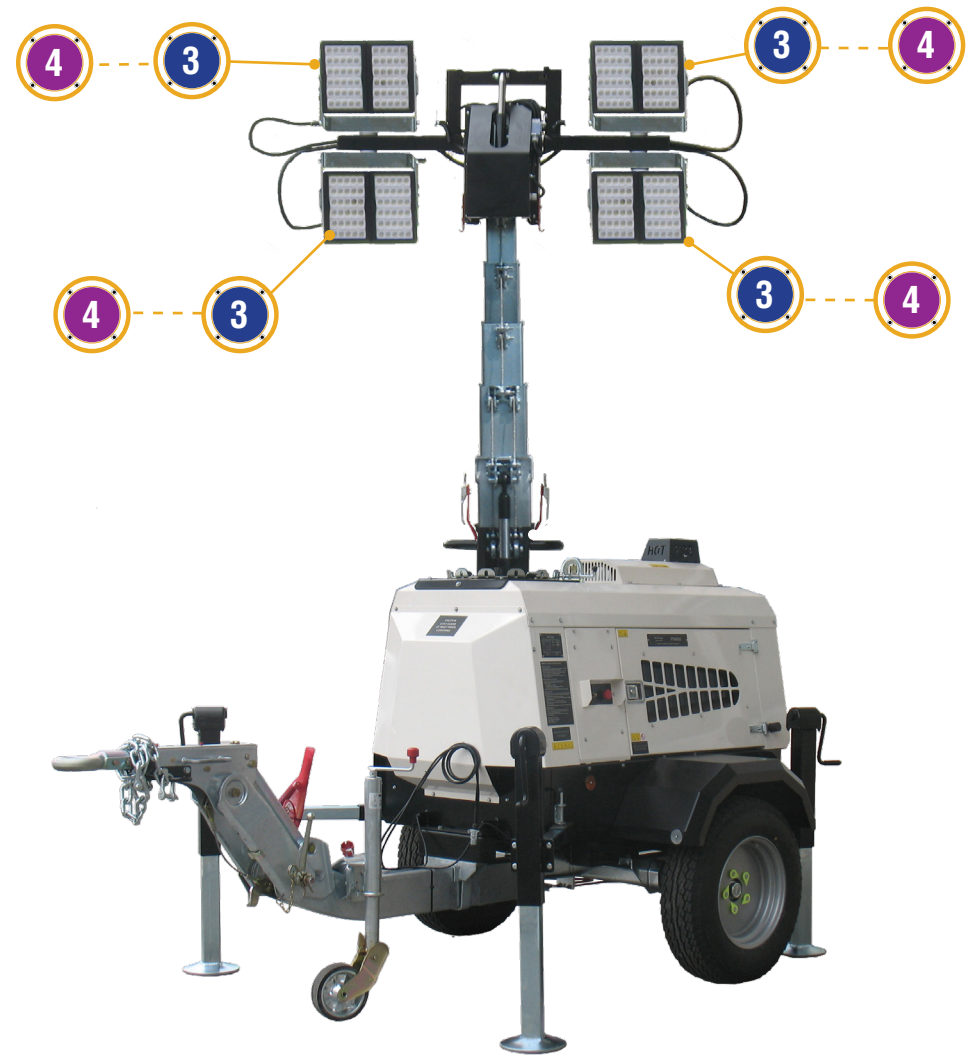
Number of Fixtures :
Location :
Beam Pattern : **10/25/40/60/90° Elliptical**
Part # : **MIL-PMX30XX**

2 PITMASTER 60



WORK AREA LIGHTING
DC PITMASTER-SERIES

Number of Fixtures :
Location :
Beam Pattern : **60° Flood**
Part # : **MIL-PMX6060**



3 PITMASTER 140W



WORK AREA LIGHTING
AC PITMASTER-SERIES

Number of Fixtures :
Location :
Beam Pattern : **60°**
Part # : **LSG063060TRHD**

4 PITMASTER 280W



WORK AREA LIGHTING
AC PITMASTER-SERIES

Number of Fixtures :
Location :
Beam Pattern : **90°**
Part # : **LSG066090TRHD**



DC | WORK AREA LIGHTING

Product Information

Project Name:
Date:
Type:

Application

The PitMaster has earned it's reputation for being the ultimate Heavy Duty LED light from the combination of it's die-cast aluminum housing, unbreakable polycarbonate lens, integrated deutsch connector, reinforced gasketed bezel, and a strengthened trunnion mounting bracket.

SPECIFICATIONS PITMASTER 30 LED

Mechanical Information:

Fixture Weight:	12.34 lbs (5.6kg)
Shipping Weight:	13.65 lbs (6.19kg)
Mounting:	Single Bolt M10

Electric Specifications:

Operating Voltage:	11-65VDC
Wattage:	150W
Operating Temp:	-40°C ~ 85°C
Vibration:	15.6Grms
Connector:	2 Pin Deutsch

Construction:

Housing:	Die-Cast 6061 Aluminum
Finish:	Gloss Black & Gloss Yellow Bezel
Lens:	Polycarbonate Lens

LED

LED:	XP-L(CREE)
Amp Draw:	12.5A @ 12VDC
Lifespan:	50,000 hr

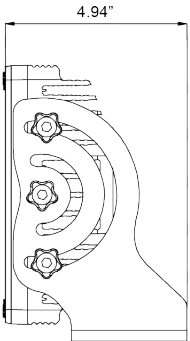
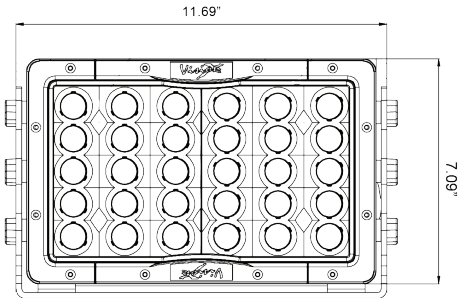
RATINGS:

EMC Emission:	(CISPR 25) Edition 3.0 (2008-03) Class 3
Ingress Protection:	IP-68, IP69k



PART #:	BEAM PATTERN
1 MIL-PMX3010	Flood 10°
MIL-PMX3025	Flood 25°
MIL-PMX3040	Flood 40°
MIL-PMX3060	Flood 60°
MIL-PMX3090	Flood 90°
MIL-PMX30e3065	Elliptical 30/65°

2D DRAWING:



DC | WORK AREA LIGHTING

Product Information

Project Name:
Date:
Type:

Application

The PitMaster has earned it's reputation for being the ultimate Heavy Duty LED light from the combination of it's die-cast aluminum housing, unbreakable polycarbonate lens, integrated deutsch connector, reinforced gasketed bezel, and a strengthened trunnion mounting bracket.

SPECIFICATIONS PITMASTER 60 LED

Mechanical Information:

Fixture Weight:	26.46 lbs (12kg)
Shipping Weight:	27.82lbs (12.62kg)
Mounting:	Single Bolt M10

Electric Specifications:

Operating Voltage:	11-65VDC
Wattage:	300W
Operating Temp:	-40°C ~ 85°C
Vibration:	15.6Grms
Connector:	2 Pin Deutsch

Construction:

Housing:	Die-Cast 6061 Aluminum
Finish:	Gloss Black & Gloss Yellow Bezel
Lens:	Polycarbonate Lens

LED

LED:	XP-L(CREE)
Amp Draw:	25A @ 12VDC
Lifespan:	50,000 hr

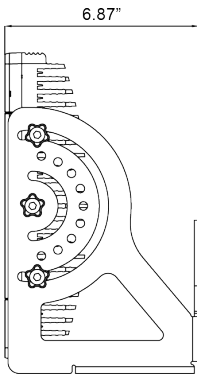
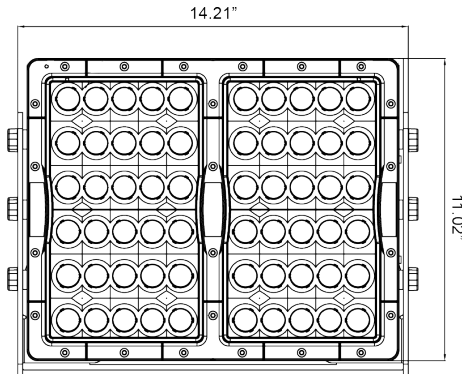
RATINGS:

EMC Emission:	(CISPR 25) Edition 3.0 (2008-03) Class 3
Ingress Protection:	IP-68, IP69k



PART #:	BEAM PATTERN
2 MIL-PMX6010	Flood 10°
MIL-PMX6025	Flood 25°
MIL-PMX6040	Flood 40°
MIL-PMX6060	Flood 60°
MIL-PMX6090	Flood 90°
MIL-PMX60e3065	Elliptical 30/65°

2D DRAWING:





Vision
Global Lighting Systems
LIGHTING EVOLVED
GENUINE
SINCE 1987
VISIONLIGHTING.COM

AC | WORK AREA LIGHTING

Product Information

Project Name:
Date:
Type:

Application

Designed to outshine and outlast the competition, the AC PitMaster fixture features advanced electronic technology like Pulse Width Modulation, Electronic Thermal Management, and a Redundant Circuit Design (60 LED) that allow the fixture to function even if half of the light should fail in harsh conditions. This is part of the effort by Vision X to ensure that the PitMaster fixture is the most dependable LED fixture in the workplace.

SPECIFICATIONS

Mechanical Information:

Fixture Weight:	22.05 lbs (10kg)
Shipping Weight:	26.9 lbs (12.2kg)
Mounting/ Entries: (See Accessories)	(1) 3/4" NPT - TOP (2) 3/4" NPT 90° - SIDES (2) 3/4" NPT 45° - SIDES

Electric Specifications:

Operating Voltage:	90 - 305V AC 127-431V DC
Wattage:	140W
Operating Temp:	-40°C ~ 60°C
THD:	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
Power Factor:	≥ 0.98/115VAC ≥ 0.95/230VAC ≥ 0.92/277VAC
Short Circuit:	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
Frequency:	47-63Hz
Vibration:	15.6Grms

Construction:

Housing:	Die-Cast 6061 Aluminum
Finish:	Gloss Grey
Lens:	Polycarbonate Lens

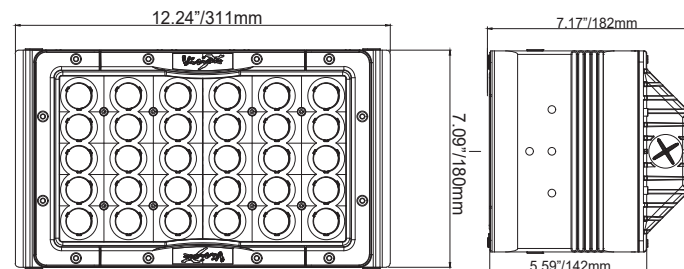
LED Light Engine / Driver

LED:	XP-L(CREE)
Amp Draw:	1.22A @ 115VAC 0.61A @ 230VAC 0.51A @ 277VAC
Lifespan:	50,000 hr



PART #:	BEAM PATTERN
3 LSG063060TRHD	60°

2D DRAWING:



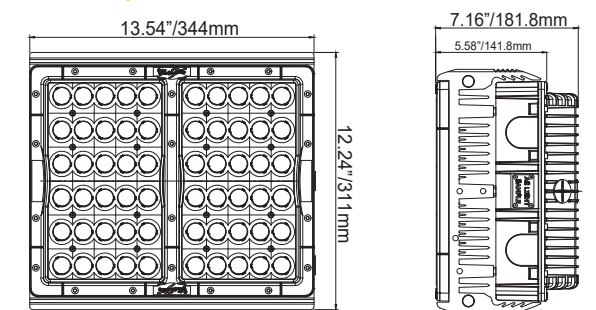
RATINGS:

EMC Emission:	Compliance to EN55015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C (@Load $\geq 50\%$); EN61000-3-3
EMC Immunity:	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, Light Industry Level (surge immunity Line-Earth 4KV, Line-Line 2KV)
Ingress Protection:	IP-68, IP69k



PART #:	BEAM PATTERN
4 LSG066090TRHD	90°

2D DRAWING:



RATINGS:

EMC Emission:	Compliance to EN55015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C (@Load ≥ 50%); EN61000-3-3
EMC Immunity:	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, Light Industry Level (surge immunity Line-Earth 4KV, Line-Line 2KV)
Ingress Protection:	IP-68, IP69k





Project Name:
Date:
Type:

Technical Information:

Input Voltage:	100-240V AC
Output Voltage:	+24V = 6.3A

Electric Specifications:

Operating Temp:	-40℃ ~ 80℃
Vibration:	10~ 500Hz

RATINGS:

EMC Emission:	Compliance to EN551015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C, EN6100-3-3
Ingress Protection:	IP-67, IP65



NOTES:

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.



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