

# KILL ZONE LIGHTING

VXINDUSTRIAL.COM



**LED** LIGHTING CATALOG



# ENGINEERED LIGHTING SOLUTIONS

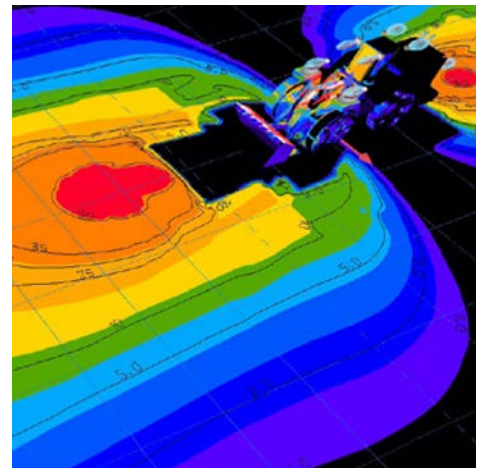
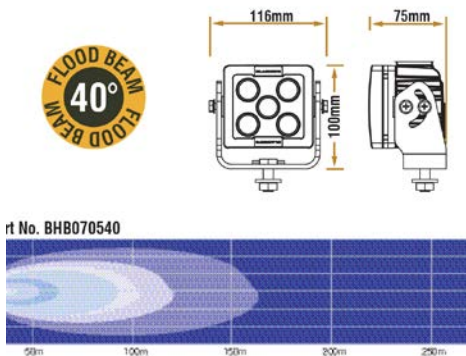
Vision X Lighting fixtures are not merely lighting systems—they are engineered lighting solutions. They provide increased efficiency, increased safety, decreased environmental impact, and decreased costs. Vision X LED lights offer a large increase in energy efficiency over older technologies while also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







## SOLUTION PROCESS



### 01 ASSESSMENT

Vision X Lighting begins each project with a customer-provided list of machines to be retrofitted, then gathers the technical information for those machines. Vision X's lighting experts then assess the customer's needs, taking into account the technical data of the machine as well as the lighting needs of the customer. With considerations to working environment and operating manner of the machines, we then work with the customer to find the best lighting equipment for the job.

### 02 PLACEMENT

Using photorealistic imagery and all the technical data, environment data, machinery data and customer information we can muster, Vision X Lighting then fits out the machines, finding the most logical and most beneficial lighting placements on the target machinery.

### 03 SOLUTION

Using everything we've gathered and deliberated on so far, Vision X Lighting then uses advanced lightmapping technologies to create a simulation rendering to ensure the final product meets the customer's lighting needs. These 3D isoluminance renderings use official light emission data to calculate exactly where light should fall and how much lux, broken down into colorful perimeters for easy digestion.

# FITOUT PLACEMENT



## KIT PART# XIL-UM44E3065RPSKZKIT

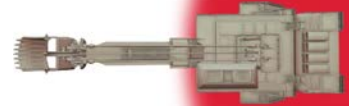
### 1 XIL-UM44E3065R



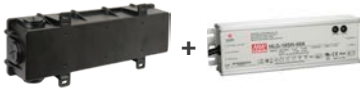
#### 30°/65° ELLIPTICAL RED LED KILL ZONE LIGHTING

Elliptical wash of the area around the equipment

- 4x Side Mounted on Hydraulic Staircases
- 4x Side Mounted on Walkway Forward of Hydraulic Staircases
- 7x Evenly Spaced Across the Top of Rear Counter Weight



### POWER SUPPLY



Three inverters are required to run all 15 lights.  
Inverters require 90-305V AC input and output 43-53V DC.  
2 side inverters will run 4 lights each, 1 rear inverter will run 7 lights.\*

- 1x Inverter to be Mounted Center/Top of Rear Counter Weight
- 2x Inverters to be Mounted Top of Hydraulic Staircases on Each Side of Shovel

## KIT PART# XIL-LP12E3065RPSKZKIT

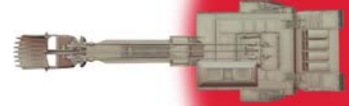
### 1 XIL-LP12E3065R



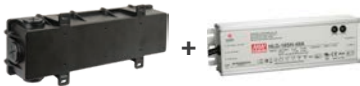
#### 16" 30°/65° ELLIPTICAL RED LED KILL ZONE LIGHTING

Elliptical wash of surrounding area; uses fewer fixtures, lower profile, can be mounted with magnets for ease of installation/aiming.

- 2x Right Side Bottom Level, Facing Down & Outward
- 5x Top Corners & Center of Counter Weight, Facing Down & Outward
- 2x Left Side Bottom Level, Facing Down & Outward



### POWER SUPPLY



Three inverters are required to run all 9 lights.  
Inverters require 90-305V AC input and output 24V DC.  
2 side inverters will run 2 lights each, 1 rear inverter will run 5 lights.\*

- 1x Inverter to be Mounted Center/Top of Rear Counter Weight
- 2x Inverters to be Mounted Top of Hydraulic Staircases on Each Side of Shovel

## KIT PART# MIL-KZ1RPHSYS

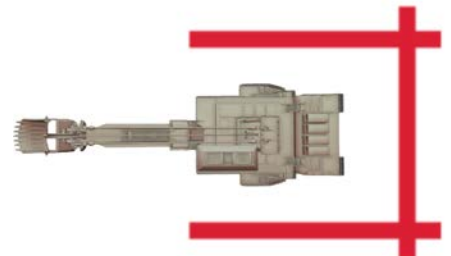
### 1 MV-1R



#### SAFETY WORK AREA KILL ZONE LIGHTING

Casts a well-defined line around the equipment.

- 2x Side Mounted on Hydraulic Staircases
- 2x Side Mounted on Walkway Forward of Hydraulic Staircases
- 3x Evenly Spaced Across the Top of Rear Counter Weight



### POWER SUPPLY

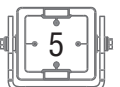


Three inverters are required to run all 7 lights.  
Inverters require 90-305V AC input and output 36V DC.  
2 side inverters will run 2 lights each, 1 rear inverter will run 3 lights.\*

- 1x Inverter to be Mounted Center/Top of Rear Counter Weight
- 2x Inverters to be Mounted Top of Hydraulic Staircases on Each Side of Shovel

\*Welding of tabs or channel struct installation may be required at each light location.

KILL ZONE LIGHTING





# UM SERIES LIGHT

## SPECIFICATIONS

### MECHANICAL

Fixture Weight	2.65 lbs (1.20kg)
Shipping Weight	4.03 lbs (1.83kg)
Mounting	Single Bolt M10

### TECHNICAL

LED	3W (XPG-CREE, RED)
Raw Lumens	3,451 lm
Effective Lumens	2,202lm
Wattage	21W
Amp Draw	2.97A @ 11.8V DC
Beam Pattern	30/65°
Operating Voltage	11-65V DC
Operating Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Lifespan	50,000 hrs
Polarity	Reverse Polarity Protection
Connector	2 Pin Deutsch

### CONSTRUCTION

Housing	Die-Cast 6061 Aluminum
Finish	Gloss Black
Lens	Polycarbonate

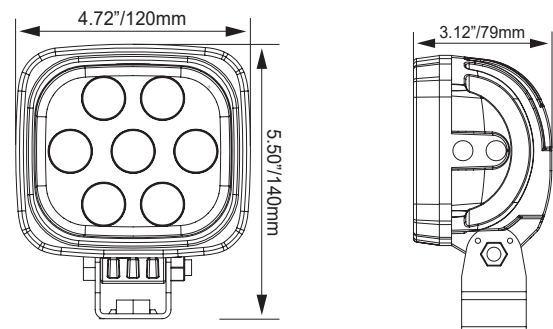
### RATINGS

EMC Emission	(CISPR 25) Edition 3.0 (2008-03) Class 3
Ingress Protection	IP-68, IP69K
Vibration Rating	21.2 Grms
Warranty	3 Years



ITEM #	HOUSING	COLOR	BEAM PATTERN
XIL-UM44E3065R	Square	Red	30/65° Elliptical

### 2D DRAWING



# LP SERIES LIGHT

## SPECIFICATIONS

### MECHANICAL

Fixture Weight	2.65 lbs (1.2kg)
Mounting	Adjustable Mounting Feet

### ELECTRICAL

Operating Voltage	9-32v DC
Wattage	36W
Operating Temperature	-40° - 80° C (-40°F ~ 149°F)
Vibration	15.6 Grms
Connector	2 Pin Deutsch

### CONSTRUCTION

Housing	6061 Aluminum
Finish	Gloss Black
Lens	Polycarbonate

### LED

LED	3W (XPG-CREE, RED)
Raw Lumens	5,916 lm
Amp Draw	3.05A @ 11.8v DC
Lifespan	50,000 hr

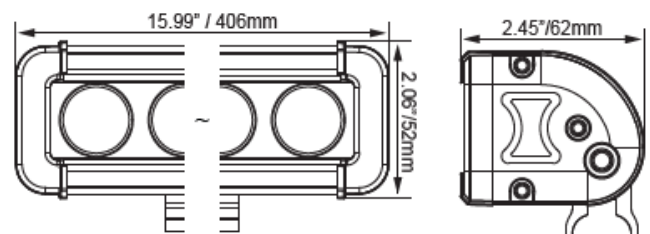
### RATINGS

EMC Emission	(CISPR25) Edition 3.0 (2008-03) Class 3
Ingress Protection	IP-68, IP69K
Warranty	3 Years



ITEM #	COLOR	BEAM PATTERN
XIL-LP12E3065R	Red	Elliptical 30/60°

### 2D DRAWING



# MV-1R KILL ZONE LIGHT

## SPECIFICATIONS

### MECHANICAL

Fixture Weight	8 lbs (3.63kg)
Mounting	Provided Feet

### ELECTRICAL

Operating Voltage	90-277v AC
Wattage	60W
Operating Temperature	-40° - 65° C (-40°F ~ 149°F)
Vibration	21 Grms
Connector	Turck

### CONSTRUCTION

Housing	6061 Aluminum
Finish	Matte
Lens	Polycarbonate
Bracket Material	Powder-Coated Steel

### LED

LED	XPG3
Raw Lumens	5000 lm
Effective Lumens	4000 lm
Amp Draw	0.5A @120v AC
Lifespan	50,000 hr

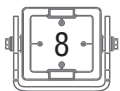
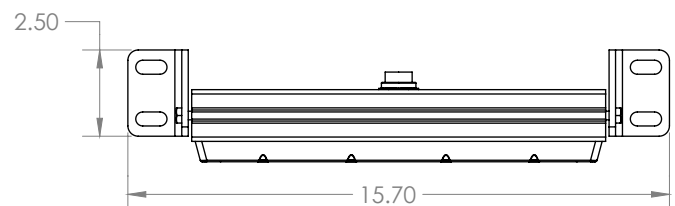
### RATINGS

EMC Emission	Compliance to EN550515, EN55032 (CISPR32) Class B, EN61000-3-2 Class C (@ load ≥50%) ; EN61000-3-3, GB17743 and GB17625.1, EAC TP TC 020
Ingress Protection	IP-68, IP69K
Warranty	3 Year Commercial Warranty



ITEM #	HOUSING	COLOR	BEAM PATTERN
MV-1R	Rectangle	Red	Flood Beam

### 2D DRAWING





# POWER SUPPLY

## SPECIFICATIONS

<b>TECHNICAL</b>	9888149	9903309
<b>Input Voltage</b>	90-305V AC	90-305V AC
<b>Output Voltage</b>	24V DC	43-53V DC

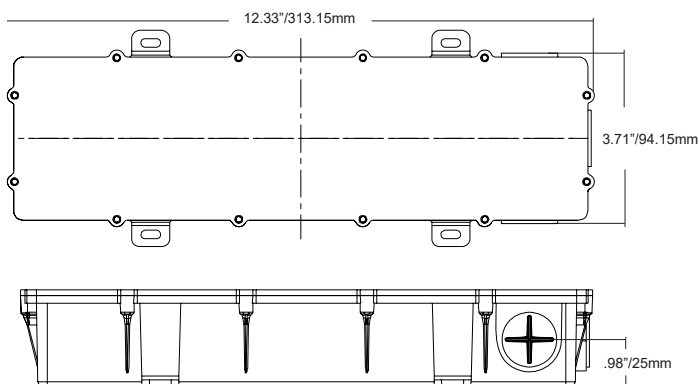
<b>ELECTRICAL</b>	
<b>Operating Temperature</b>	-40°C ~ 80°C (-40°F ~ 176°F)
<b>Vibration</b>	10 ~ 500Hz

<b>RATINGS</b>	
<b>EMC Emission</b>	Compliance to EN551015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C, EN6100-3-3
<b>Ingress Protection</b>	IP-67, IP65



ITEM #	PART #
XPC-PS185-48A	9903309
XPC-PS185-24	9888149

## 2D DRAWING



ITEM #	PART #
P-JBOXPSE	9132617



## NOTES:

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