



JUMBO DRILL LIGHTING

For Models : All Underground Jumbo Drills



LED | LIGHTING CATALOG

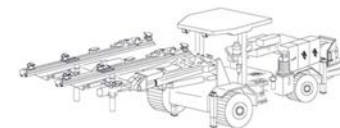
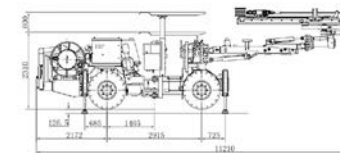


ENGINEERED LIGHTING SOLUTIONS

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



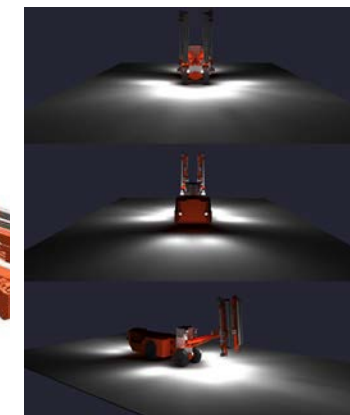
2D BLUEPRINT

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



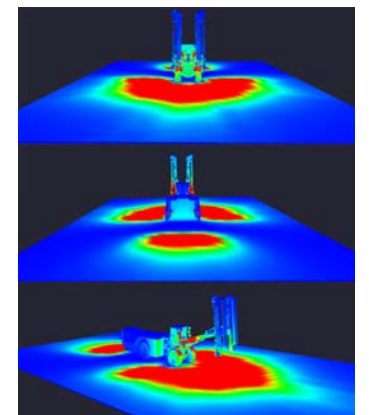
3D MODEL

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.

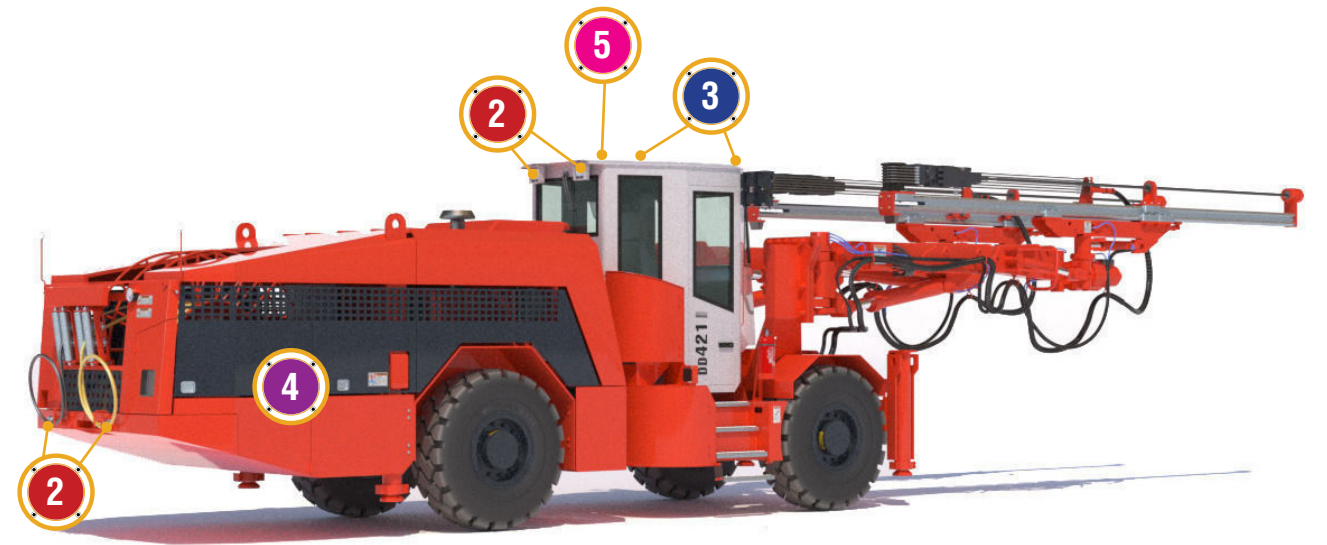
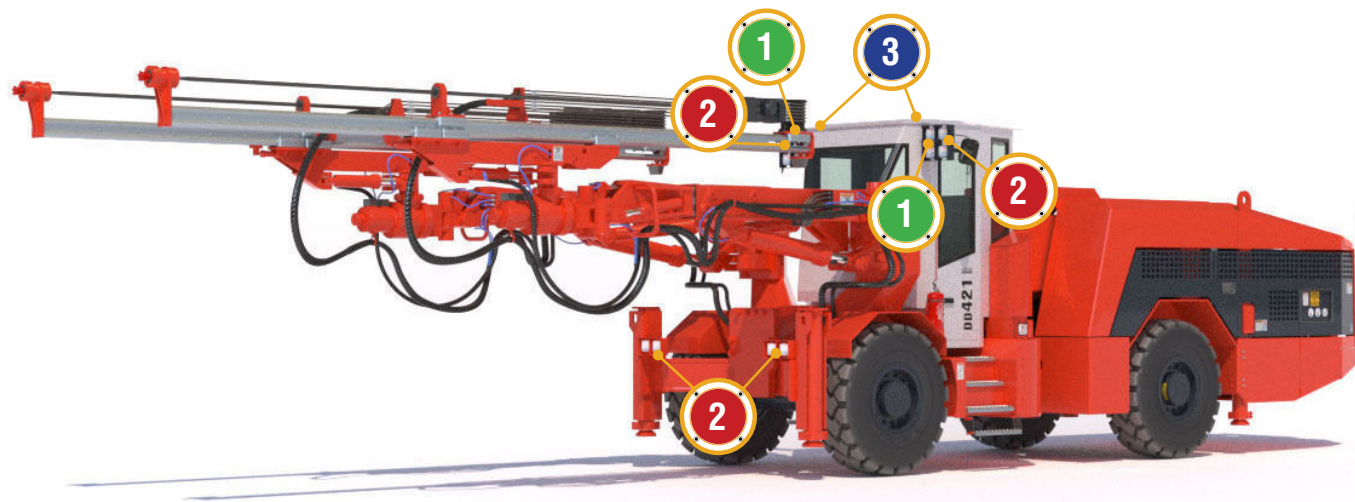


SOLUTION

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



JUMBO LIGHTING FITOUT GUIDE



1 BT-9 ELLIPTICAL



FORWARD LIGHTING BT-SERIES WORK LIGHT

Number of Fixtures : 2
Location : **Top of Cab**
Beam Pattern : **30/60° Elliptical**
Part # : **BHB07093065**

2 BT-9 FLOOD



WORK AREA LIGHTING BT-SERIES WORK LIGHT

Number of Fixtures : 6
Location : **Front Bumper, Rear Bumper, Top of Cab**
Beam Pattern : **60° Flood**
Part # : **BHB070960**

3 AC-30 FLOOD



WORK AREA LIGHTING AC-SERIES WORK LIGHT

Number of Fixtures : 2
Location : **Top Cab**
Beam Pattern : **90° Flood**
Part # : **LSG063090TRHD**

4 ID BOARD



ACCESSORY LIGHTING 2&3 DIGIT LED ID BOARDS

Number of Fixtures : 1
Location : **Side Panel**
Colors Available : **Green, Red, Amber in 2&3 Digits**
Part # : **MIL-ID02R (Red 2Digit)**

5 DRIFT STROBE



ACCESSORY LIGHTING DRIFT STROBE

Number of Fixtures : 1
Location : **Top of Cab**
Colors Available : **Green, Red, Blue, Amber**
Part # : **XIL-LP625.G.2HZ (Green)**



DRIVING / WORK AREA LIGHTING

Product Information

Project Name:
Date:
Type:

Application

OEM replacements will out perform the factory lighting by over 80% on the effective work area. Simple quick connect wiring allows for one time wiring and no further electrical wiring to change the fixture. 3D analysis allows for site specific aiming with our patented aiming system. Industry leading LED light output, size, weight and reliability for reduced unscheduled maintenance.

SPECIFICATIONS BT-9 SERIES

Mechanical Information:

Fixture Weight:	4.98 lbs (2.26kg)
Shipping Weight:	40.05 lbs (18.17kg)
Mounting:	Single Bolt M10

Electric Specifications:

Operating Voltage:	11-65VDC
Wattage:	63W
Operating Temp:	-40°C ~ 85°C
Vibration:	60Grms
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:	5.25A @ 12VDC 2.63A @ 24VDC
Lifespan:	50,000 hr

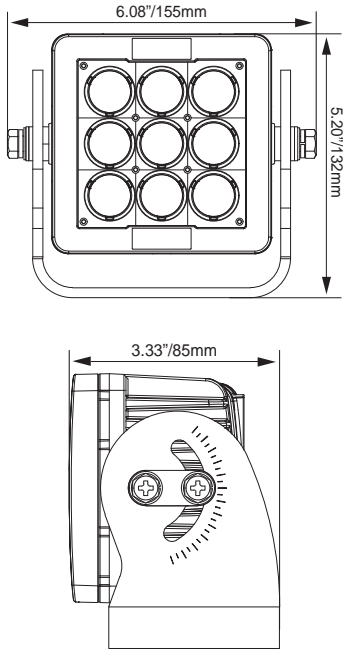
RATINGS:

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



PART #:	BEAM PATTERN
1 BHB07093065	Elliptical 30/65°
2 BHB070960	Flood 60°

2D DRAWING:





AC WORK AREA LIGHTING

Product Information

Project Name:
Date:
Type:

Application

Designed to outshine and outlast the competition, the High Bay fixture features advanced electronic technology like Pulse Width Modulation, Electronic Thermal Management, and a Redundant Circuit Design (30 LED) that allow the fixture to function even if half of the light should fail for unknown reasons. This is part of the effort by Vision X to ensure that the High Bay 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

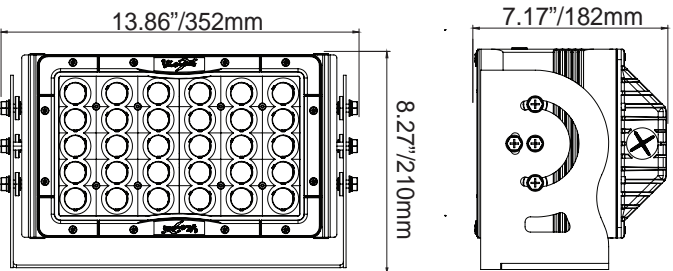
LED:	XP-L(CREE)
Amp Draw:	1.22A @ 115VAC 0.61A @ 230VAC 0.51A @ 277VAC
Lifespan:	50,000 hr



AC-30 FLOOD

PART #:	BEAM PATTERN
3 LSG063090TRHD	Flood 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





ACCESSORY LIGHTING

Product Information

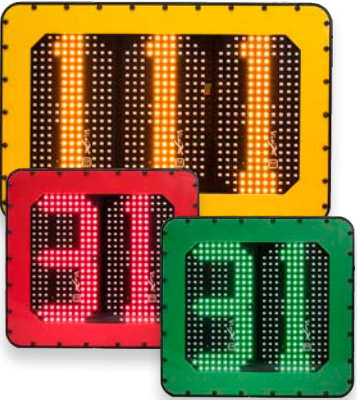
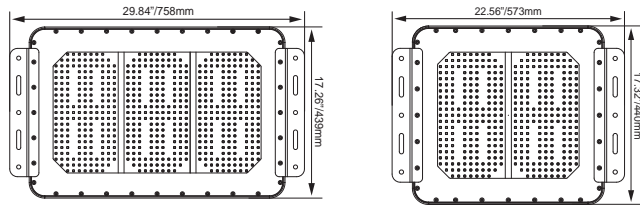
Project Name:
Date:
Type:

ID Board Sign Information:

- Auto Dim/Bright for Day and Night time Operation
- Available in 2&3 Digit Models
- Red, Yellow, or Green Face Plates

Fixture Weight:	2 lbs (0.9kg)
Wattage	3Digit : 117W 2Digit : 87W
Amp Draw	3Digit : 9.75A@12V 4.88A@24V 2Digit : 6.5A@12V 3.25A@24V
Vibration Rating	15.6 Grms
Application	Vehicle Identification / Load Cap.

2D DRAWING:



ID BOARD

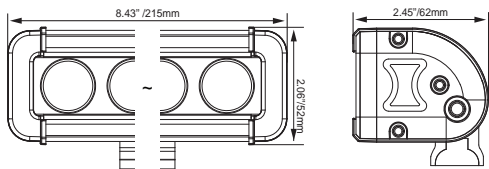
PART #:	#LEDs / COLOR
4 MIL-ID02A	2 Amber
MIL-ID02R	2 Red
MIL-ID02G	2 Green
MIL-ID03A	3 Amber
MIL-ID03R	3 Red
MIL-ID03G	3 Green

Drift Strobe Information:

- Extends Strobe Visibility by up to 60 Meters
- Weatherproof Deutsch Connector
- Available in Blue, Amber, Green, Red

Fixture Weight:	2.00 lbs (0.91kg)
Wattage	9W
Amp Draw	0.6A @12V 0.3A@24V
Vibration Rating	15.6 Grms
Application	Strobe Function

2D DRAWING:



DRIFT STROBE

PART #:	COLOR
5 XIL-LP625.A.2HZ	Amber
XIL-LP625.B.2HZ	Blue
XIL-LP625.G.2HZ	Green
XIL-LP625.R.2HZ	Red



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