

BLASTHOLE DRILL LIGHTING

For Models : All Large Mining Class Blasthole Drills





LED | LIGHTING CATALOG

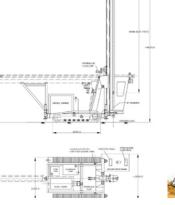


ENGN LIGHTING SOLUTIONS

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.







2D BLUEPRINT

each project with a customer

provided list of machines to

be retrofitted, then gathers

those machines.

the technical information for

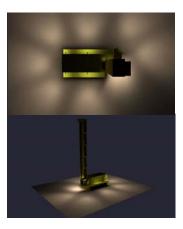
Vision X Lighting begins



3D MODEL

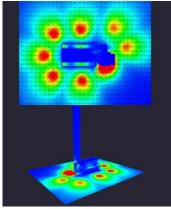
A 3D model is built to the customer's specifications, then carried over into the rendering.





SIMULATION RENDER

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



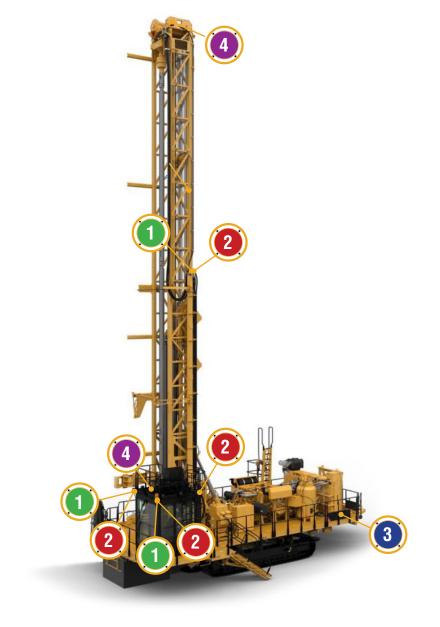
SOLUTION

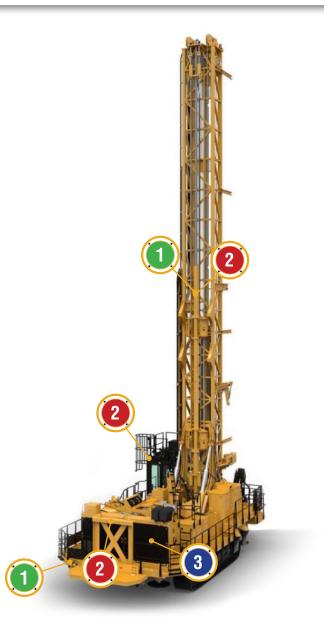
Vision X Lighting creates a complete breakdown of the customer's specific needs to meet their safety requirements.





BLASTHOLE DRILL LIGHTING FITOUT GUIDE







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- **C**

WORK AREA LIGHTING BT-SERIES WORK LIGHT

Number of Fixtures : Equipment Specific Location : Front of Cab, Base of Cab, Rear Bumper, Mast Beam Pattern : **60° Flood** Part # : BHB070960



WORK AREA LIGHTING BT-SERIES WORK LIGHT

Number of Fixtures : Equipment Specific Location : Front of Cab, Base of Cab, Rear Bumper, Mast Beam Pattern : 60° Flood Part # : BHB072060



ACCESSORY LIGHTING 2&3 DIGIT LED ID BOARDS

Number of Fixtures : Equipment Specific Location : Rear Bumper, Side Colors Available : Green, Red, Amber in 2&3 Digits Part # : MIL-ID03A (Amber Shown)





ACCESSORY LIGHTING HEAVY DUTY BEACON

Number of Fixtures : Equipment Specific Location : Top of Cab, Mast Colors Available : Green, Red, Blue, Amber, White Part # : MIL-HDBA (Amber Shown)







WORK AREA LIGHTING Product Information

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

Fixture Weight:	4.98 lbs (2.26kg)
Shipping Weight:	6.05 lbs (2.74kg)
Mounting:	Single Bolt M10
Electric Specifications:	
Operating Voltage:	11-65VDC
Wattage:	63W
Operating Temp:	-40°C ~ 80°C
Vibration:	60Grms
Connector:	2 Pin Deutsch
	Die-Cast 6061 Aluminum
Construction:	
Construction: Housing:	Die-Cast 6061 Aluminum
Construction: Housing: Finish:	Die-Cast 6061 Aluminum Gloss Black & Gloss Yellow Bezel
Construction: Housing: Finish: Lens:	Die-Cast 6061 Aluminum Gloss Black & Gloss Yellow Bezel
Construction: Housing: Finish: Lens:	Die-Cast 6061 Aluminum Gloss Black & Gloss Yellow Bezel Polycarbonate Lens

RATINGS:

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

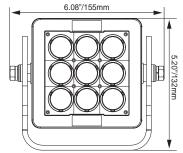


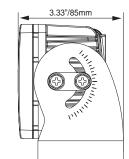
Project Name:

Date: Type:

PART #:	BEAM PATTERN
1 BHB070960	Flood 60°

2D DRAWING:













WORK AREA LIGHTING Product Information

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

Mechanical Information:

.25 lbs (4.19kg)
1.05 lbs (5.01kg)
ingle Bolt M10

Electric Specifications:

Operating Voltage:	11-65VDC
Wattage:	140W
Operating Temp:	-40°C ~ 80°C
Vibration:	60Grms
Connector:	2 Pin Deutsch

Construction:

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

LED

XP-L(CREE)
11.7A@12V
50,000 hr

RATINGS:

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

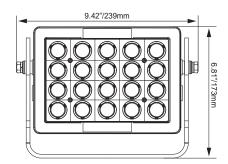


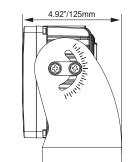
Project Name:

Date: Type:

PART #:	BEAM PATTERN
2) BHB072060	Flood 60°

2D DRAWING:











ACCESSORY LIGHTING Product Information

Project Name: Date: Type:

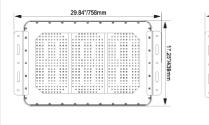


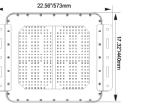
ID Board Sign Information:

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

Fixture Weight:	3Digit : 24 lbs (11.25kg) 2Digit : 21 lbs (9.5kg)
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** MIL-ID02A 2 Amber MIL-ID02R 2 Red MIL-ID02G 2 Green 3 MIL-ID03A 3 Amber MIL-ID03R 3 Red

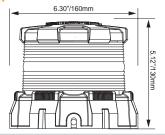
3 Green

Heavy Duty Beacon Information:

- Simulated Rotation or Flashing Functions Available in Amber, Blue, Green, Red, and White LEDs

Fixture Weight:	2.96 lbs (1.34kg)
Wattage	36W
Amp Draw	3.0A @12V 1.5A@24V
Vibration Rating	15.6 Grms
Application	Full 360° Visibility Beacon

2D DRAWING:





HD BEACON

MIL-ID03G

	PART #:	COLOR
4	MIL-HDBA	Amber
	MIL-HDBB	Blue
	MIL-HDBG	Green
	MIL-HDBR	Red
	MIL-HDBW	White

NOTES:



Project	Name:
Date:	
Type:	

Туре:





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