

HAUL TRUCK LIGHTING

For Models : All Ultra Class Haul Trucks

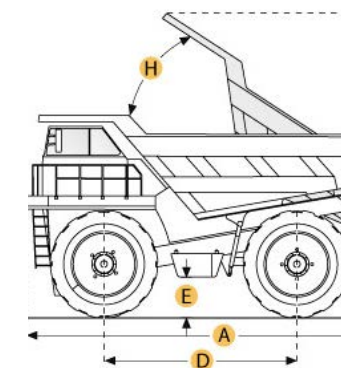
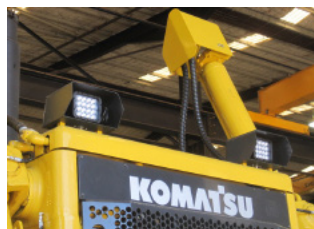
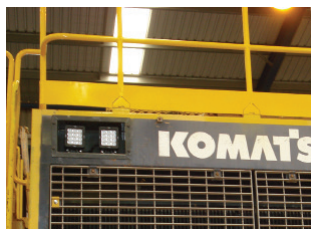


LED | LIGHTING CATALOG



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.



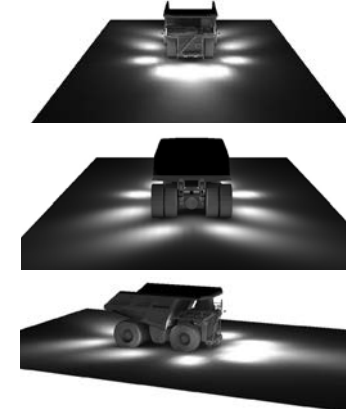
2D BLUEPRINT

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



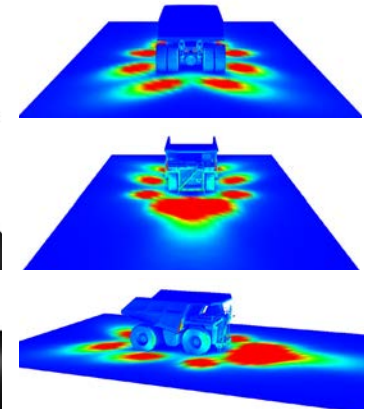
3D MODEL

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.



HAUL TRUCK LIGHTING FITOUT GUIDE



5 HD BEACON



ACCESSORY LIGHTING HEAVY DUTY BEACON

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



1 BT-9 FLOOD



WORK AREA LIGHTING B-SERIES WORK LIGHT

of Fixtures : **Equipment Specific**
Location : **Front, Rear**
Beam Pattern : **60° Flood**
Part # : **BHB70960**

2 BT-9 ELLIPTICAL



FOG LIGHTING B-SERIES WORK LIGHT

of Fixtures : **Equipment Specific**
Location : **Front, Rear**
Beam Pattern : **Elliptical 30/60°**
Part # : **BHB07093065AL**

3 DURALUX 4 LED



LADDER & ENGINE LIGHTING DURALUX-SERIES WORK LIGHT

of Fixtures : **Equipment Specific**
Location : **Ladder, Engine Bay**
Beam Pattern : **10/40/60°**
Part # : **DURA-M460**

4 ID BOARD



ACCESSORY LIGHTING 2&3 DIGIT LED ID BOARDS

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

6 DOME LIGHT



OPERATOR CAB LIGHTING DOME WORK LIGHT

of Fixtures : **1**
Location : **Cab**
Beam Pattern : **180°**
Part # : **XIL-DL5RW**

7 INDICATOR



PARK BRAKE ID LIGHT DRIFT STROBE SERIES

of Fixtures : **1**
Location : **Front Frame**
Colors Available : **Green, Red, Blue, Amber, White**
Part # : **XIL-LP660R**



FORWARD/REVERSE/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:	6.05 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

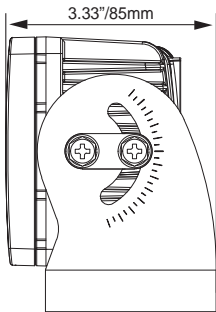
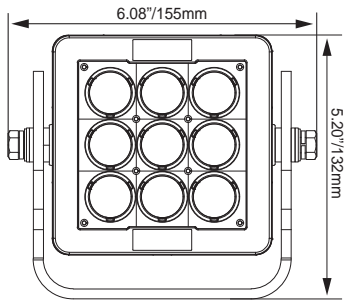
RATINGS:

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



PART #:	BEAM PATTERN
1 BHB070960	Flood 60°
2 BHB07096065AL	Elliptical 30/65°

2D DRAWING:





LADDER/ENGINE COMPARTMENT LIGHTING

Product Information

Project Name:

Date:

Type:

Application

Ladder and engine bay lighting direct OEM replacement. Simple quick connect wiring allows for one time wiring and no further electrical wiring to change the fixture. Industry leading LED light output, size, weight and reliability for reduced unscheduled maintenance.

SPECIFICATIONS Duralux 4 LED

Mechanical Information:

Fixture Weight:	0.88 lbs (0.40kg)
Shipping Weight:	10 lbs (4.5kg)
Mounting	Single Bolt M6

Electric Specifications:

Operating Voltage:	9 - 32VDC
Wattage:	12W
Operating Temp:	-40°C - 60°C
Vibration:	15.6Grms
Connector:	2 Pin Deutsch

Construction:

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

LED

LED:	LG
Amp Draw:	1A @ 12VDC 0.5A @ 24VDC
Lifespan:	50,000 hr

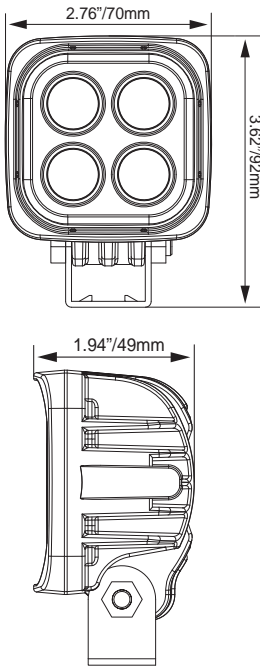
RATINGS:

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



PART #:	BEAM PATTERN
3 DURA-M460	Flood 60°

2D DRAWING:





ACCESSORY LIGHTING

Product Information

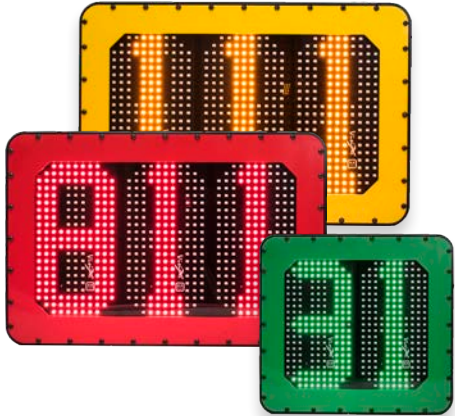
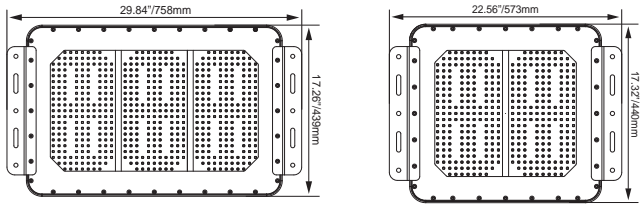
Project Name:
Date:
Type:

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 : 24.8lbs (11.25kg) 2Digit : 21lbs (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:



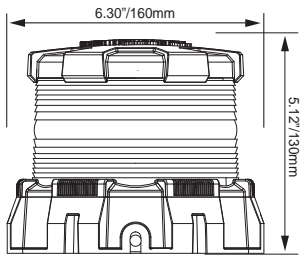
PART #:	#LEDs / COLOR
MIL-ID02R	2 Red
MIL-ID02A	2 Amber
MIL-ID02G	2 Green
4 MIL-ID03A	3 Amber
MIL-ID03R	3 Red
MIL-ID03G	3 Green

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:



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



ACCESSORY LIGHTING

Product Information

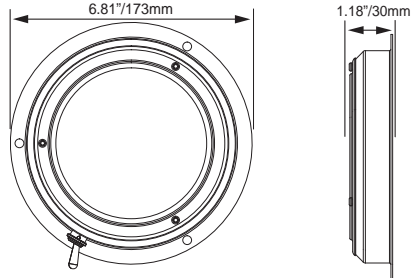
Project Name:
Date:
Type:

Dome Light Information:

- Switch Controlled White or Red LEDs
- Slim Housing

Fixture Weight:	0.60 lbs (0.27kg)
Wattage	4W
Amp Draw	0.33A@12V 0.17A@24V
Vibration Rating	8.6 Grms
Application	Cab Lighting

2D DRAWING:



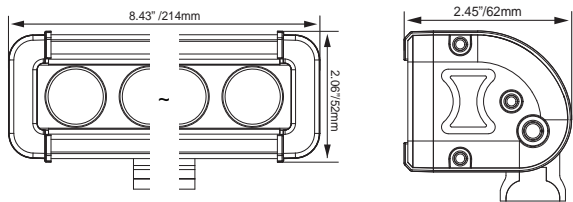
PART #:	BEAM PATTERN
6 XIL-DL5RW	180°

Parking Brake ID Light Information:

- Ultra Bright Red LEDs
- Mounts Underneath ID Board Sign

Fixture Weight:	2 lbs (0.9kg)
Wattage	18W
Amp Draw	1.5A@12V 0.75A@24V
Vibration Rating	15.6 Grms
Application	Park Brake Indicator

2D DRAWING:



PART #:	COLOR
7 XIL-LP625A2HZ	Amber
XIL-LP625B2HZ	Blue
XIL-LP625G2HZ	Green
XIL-LP625R2HZ	Red



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