



# MINE LIGHTING

2020 Product Catalogue V 3.0





This 2020 edition of the Ultra Mine Catalogue show-cases our latest developments within the LED lighting sector, incorporating a number of new products.

Our manufacturing base has grown significantly and we now do in-house electronics production and assembly for the majority of our products. This makes us versatile to adaptations within the market but also ensures we retain total control of the quality and ultimately the performance of the products.

Our new purpose built factory will further streamline our processes and facilitate our focus on R&D and OEM projects. If you have a specific project, or unsolved lighting issues, call us to discuss your requirements.

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# ENFORCER

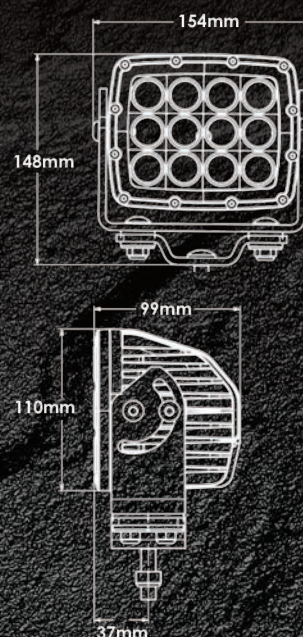


The Dura Vision Enforcer 60w LED work lamp offers the latest in high powered LED technology, designed for use on heavy duty mining vehicles. With a compact design, waterproof to IP69 and vibration ratings of 25G RMS the Enforcer provides lighting solutions in the most demanding environments. Electronic Thermal management ensures a minimum of 50'000 working hours is achieved, even when used continuously. Utilising a 5mm stainless steel bracket with 145° of adjustment the Enforcer is one of the most versatile lamps available. The Enforcer is also available as a 24V only option to deter theft of lamps on site.



SPECIFICATIONS	STANDARD
Wattage	60 Watt
Light Source	12 x 5W L.E.D's
Light Output (raw)	9100 Lumens
Light Output (effective)	6480 Lumens
Voltage	9V-32V DC or 24V DC only
Current Draw	2.5A @ 24V DC
Operating Temp	-40°C to +85°C
Vibration Rating	25 GRMS
IP Rating	IP69
Connector Type	Deutsch DT 2 Pin
Housing	Die-Cast Alloy
Lens Construction	Polycarbonate
Bracket	5mm S/Steel
Colour Temp	4000K or 5700K
Lifespan	50'000 Hours
Net Weight	2.5 kg
EMC Rating	CISPR 25 Class 3
Mounting Suitable	All types
Beams Available	10 - 110 Deg
Warranty	5 Years
Dimming Control	Yes (Optional)

PART NUMBERS	MULTI -VOLT	24 VOLT
Euro Beam - Multivolt	DV512LEDEU/S	DV512LED24EU/S
Wide Flood Beam - Multivolt	DV512LEDWF/S	DV512LED24WF/S
Flood Beam - Multivolt	DV512LEDFB/S	DV512LED24FB/S





# INVADER



The Dura Vision Invader 50w LED work lamp offers the latest in high powered LED technology, designed for use on heavy duty mining vehicles.

With a compact design, waterproof to IP69 and vibration ratings of 25G RMS the Invader provides lighting solutions in the most demanding environments. Electronic Thermal management ensures a minimum of 50'000 working hours is achieved, even when used continuously. With a slightly smaller footprint than the Enforcer but utilising a similar 5mm stainless steel bracket the Invader is one of the most versatile lamps available. The Invader is also available as a 24V only option.



## SPECIFICATION

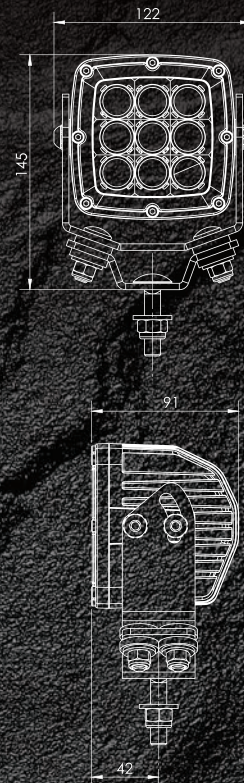
<b>Wattage</b>	50 Watt
<b>Light Source</b>	9 x 6W
<b>Light Output (raw)</b>	6800 Lumens
<b>Light Output (effective)</b>	5248 Lumens
<b>Voltage</b>	10V-36V or 24V DC only
<b>Current Draw</b>	2.1A @ 24V
<b>Operating Temp</b>	-40°C to +85°C
<b>Vibration Rating</b>	25 GRMS
<b>Waterproof Rating</b>	IP69
<b>Connector Type</b>	2 Pin standard Deutsch
<b>Housing</b>	Die-Cast Alloy
<b>Lens Construction</b>	Polycarbonate
<b>Bracket</b>	5mm Stainless Steel
<b>Colour Temp</b>	4000K or 5700K
<b>Lifespan</b>	50'000 Hours
<b>Net Weight</b>	1.8kg
<b>EMC Rating</b>	CISPR 25 Class 3
<b>Mounting Suitable</b>	Upright & Pendent
<b>Beams Available</b>	10-110 Deg
<b>Warranty</b>	5 Years
<b>Fixings</b>	Stainless Steel

## PART NUMBERS

## MULTI-VOLT

## 24 VOLT

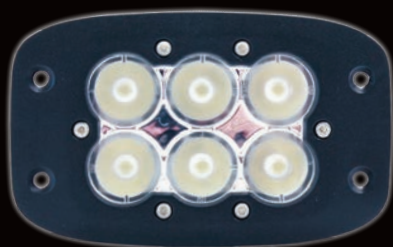
<b>Euro Beam</b>	DV550LEDEU/Y	DV550LED24EU/Y
<b>Wide Flood Beam</b>	DV550LEDWF/Y	DV550LED24WF/Y
<b>Flood Beam</b>	DV550LEDFB/Y	DV550LED24FB/Y





# ATOM

Dura Vision ATOM LED work lamps have proved their high performance and rugged construction in some of the most harsh environments. Available in 3 output options, the Atoms cover a wide range of applications from work lights on light vehicles to lighting stairways, gangways and service areas on large machines. Their high light output relative to size, along with their IP68 waterproof rating, makes them extremely versatile.



**25 W**

## PART NUMBERS

<b>Wide Flood/Recessed</b>	DVA25LEDWF\R
<b>Euro Beam/ Recessed</b>	DVA25LEDEUR



**25 W**

## PART NUMBERS

<b>Wide Flood</b>	DVA25LEDWF
<b>Euro Beam</b>	DVA25LEDEU



**45 W**

## PART NUMBERS

<b>Wide Flood</b>	DVA45LEDWF
<b>Euro Beam</b>	DVA45LEDEU

## SPECIFICATIONS

<b>Wattage</b>	25 Watt
<b>Light Source</b>	6 x Hi-output LEDs
<b>Light Output (raw)</b>	2900 Lumens
<b>Light Output (effective)</b>	2328 Lumens
<b>Voltage</b>	9-36V or 24V only
<b>Current Draw</b>	1A @ 24V
<b>Operating Temperature</b>	-40 to + 80 Deg.C
<b>Waterproof rating</b>	IP69
<b>Connector Type</b>	2 Pin Deutsch
<b>Housing</b>	Die Cast Alloy
<b>Lens Construction</b>	Polycarbonate
<b>Bracket</b>	3mm SS
<b>Colour temperature</b>	3000,4000k or 5700k
<b>Lifespan</b>	50,000 hours
<b>Diameter/dimensions</b>	92x88x58
<b>Net Weight</b>	460g
<b>EMC Rating</b>	CISPR 25 Class 3
<b>Mounting suitable</b>	Upright and Pendant
<b>Beams available</b>	25 & 60 deg
<b>Warranty</b>	5 Years

## SPECIFICATIONS

<b>Wattage</b>	45 Watt
<b>Light Source</b>	9 x 5w LEDs
<b>Light Output (raw)</b>	5250 Lumens
<b>Light Output (effective)</b>	4180 lumens
<b>Voltage</b>	10-36 or 24v only
<b>Current Draw</b>	1.9A @ 12V
<b>IP Rating</b>	IP69
<b>Connector Type</b>	Deutsch DT 2 Pin
<b>Housing</b>	4mm stainless
<b>Lifespan</b>	50'000 Hours
<b>Warranty</b>	3 Years
<b>Beams Available</b>	10 – 110 deg
<b>EMC Rating</b>	CISPR 25 Class 3



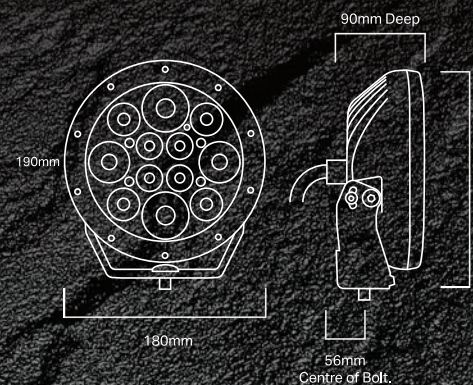
# RAPTOR DRIVING LED

The RAPTOR LED Driving Lights feature a high pressure die-cast aluminium housing and high impact polycarbonate lens. The superior optic designs gives a combination beam with both good distance and width from one lamp type. All RAPTOR lamps come complete with a protective lens cover and easy-adjust mounting bracket. Being manufactured in Australia and covered by a 3 year warranty adds total peace of mind.

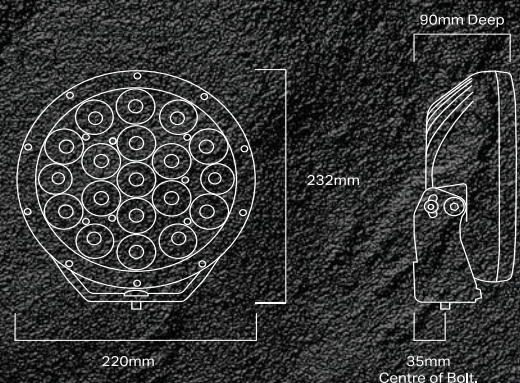


SPECIFICATIONS	60 Watt	110 Watt
<b>Wattage</b>	60 Watt	110 Watt
<b>Light Source</b>	12x5W L.E.D's	19x6W L.E.D's
<b>Light Output - Raw</b>	7600 Lumens/lamp	13500 Lumens/lamp
<b>Light Output - Effective</b>	6088 Lumens/lamp	12180 Lumens/lamp
<b>Voltage</b>	9-36V	9-36V
<b>Current Draw @ 13.5V</b>	4.5A @ 13.5V	8.2A @ 13.5V
<b>Operating Temp.</b>	-40°C to +80°C	-40°C to +80°C
<b>Waterproof Rating</b>	IP67	IP67
<b>Connector Type</b>	2 Pin standard Deutsch	2 Pin standard Deutsch
<b>Housing</b>	Die-Cast Alloy	Die-Cast Alloy
<b>Lens Construction</b>	Polycarbonate	Polycarbonate
<b>Bracket</b>	Stainless Steel	Stainless Steel
<b>Colour Temp</b>	4000k or 5700K	4000k or 5700K
<b>Lifespan</b>	50'000 Hours	50'000 Hours
<b>Diameter/Dimensions</b>	180 x 190 x 90mm	220 x 232 x 90mm
<b>Net Weight</b>	2.3kg	3.2kg
<b>Mounting Suitable</b>	All Types	All Types
<b>Beams Available</b>	Combo	Combo
<b>Warranty</b>	3 Years	3 Years
<b>Distance at 1 Lux</b>	704m	907m
<b>PART NUMBERS</b>		
<b>Combo Beam</b>	RAP065DL - (Sold in pairs)	RAP115DL - (Sold in pairs)

60 Watt



110 Watt





# RAPTOR LIGHT BARS

The RAPTOR LED Light Bars feature high pressure extruded aluminium housing and high impact polycarbonate lens. The superior optic designs gives a combination beam with both good distance and width from one lamp type. All RAPTOR lamps come complete with easy-adjust mounting bracket. Being manufactured in Australia and covered by a 3 year warranty adds total peace of mind.



SPECIFICATIONS	60 Watt	90 Watt	120 Watt	180 Watt
<b>Wattage</b>	60 Watt	90 Watt	120 Watt	180 Watt
<b>Light Source</b>	12 x 5W Cree L.E.D's	18 x 5W Cree L.E.D's	18 x 5W Cree L.E.D's	36 x 5W Cree L.E.D's
<b>Light Output - raw</b>	7200 Lumens/lamp	10800 Lumens/lamp	14400 Lumens/lamp	21600 Lumens/lamp
<b>Light Output - effective</b>	5790 Lumens/lamp	5790 Lumens/lamp	11500 Lumens/lamp	17300 Lumens/lamp
<b>Voltage</b>	9-36V	9-36V	9-36V	9-36V
<b>Current Draw @ 13.5V</b>	4.5A @ 13.5V	6.7A @ 13.5V	8.9A @ 13.5V	13A @ 13.5V
<b>Operating Temperature</b>	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C
<b>Waterproof rating</b>	IP67	IP67	IP67	IP67
<b>Connector Type</b>	2 Pin standard Deutsch	2 Pin standard Deutsch	2 Pin standard Deutsch	2 Pin standard Deutsch
<b>Housing</b>	Aluminium	Aluminium	Aluminium	Aluminium
<b>Lens Construction</b>	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
<b>Bracket</b>	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
<b>Colour temperature</b>	4000k or 5700K	4000k or 5700K	4000k or 5700K	4000k or 5700K
<b>Lifespan</b>	50'000 Hours	50'000 Hours	50'000 Hours	50'000 Hours
<b>Diameter/dimensions</b>	370 x 51 x 73mm	500 x 51 x 73mm	630 x 51 x 73mm	1000x 51 x 73mm
<b>Net Weight</b>	1.2kg	1.70kg	2.10kg	2.90kg
<b>Mounting suitable</b>	Base	Base	Base	Base
<b>Beams available</b>	Combination	Combination	Combination	Combination
<b>Warranty</b>	3 Years	3 Years	3 Years	3 Years
<b>Distance at 1 Lux</b>	442m	538m	627m	768m
<b>PART NUMBERS</b>	RAP060LB	RAP090LB	RAP120LB	RAP180LB



The Flare is the most versatile mine-spec LED tube lamp available on the market. Mounted in a high-impact-resistant tube and waterproof to IP68 the Flare provides an extremely rugged and slimline luminaire. The use of Deutsch connectors on both ends facilitates linking them together in a daisy-chain but they can also be used in isolation. The lamp produces a bright, 180° flood of light and is suitable for a wide range of applications including engine bays, walkways and conveyor systems. The modules can easily be mounted by spring clips or clamps.



PART NUMBERS	LUMENS (effec.)	WATTAGE	VOLTAGE	CURRENT	LENGTH	DIAMETER
<b>DVF05LED24-2</b>	700 Lumens	5 Watt	20V - 30V DC	0.21A	340mm	20mm
<b>DVF10LED24-2</b>	1400 Lumens	10 Watt	20V - 30V DC	0.42A	620mm	20mm
<b>DVF15LED24-2</b>	2100 Lumens	15 Watt	20V - 30V DC	0.62A	900mm	20mm
<b>DVF20LED24-2</b>	2800 Lumens	20 Watt	20V - 30V DC	0.83A	1180mm	20mm
<b>DVF05LED24-3</b>	700 Lumens	5 Watt	20V - 30V DC	0.21A	340mm	35mm
<b>DVF10LED24-3</b>	1400 Lumens	10 Watt	20V - 30V DC	0.42A	620mm	35mm
<b>DVF15LED24-3</b>	2100 Lumens	15 Watt	20V - 30V DC	0.62A	900mm	35mm
<b>DVF20LED24-3</b>	2800 Lumens	20 Watt	20V - 30V DC	0.83A	1180mm	35mm

Please Note: If you require only a single plug, please add '-1' to the end of the part number

## LED MEANWELL DRIVERS

LED Drivers are available to operate the Flare from a 240V AC source. Please refer to table for drivers available. Tubes can be daisy chained and powered off one driver.

PART No.	WATTAGE	VOLTAGE	PART No.	WATTAGE	VOLTAGE
<b>DLX80</b>	80 Watts	90V - 285V AC	<b>DLX185</b>	185 Watts	90V - 285V AC
<b>DLX120</b>	120 Watts	90V - 285V AC	<b>DLX240</b>	240 Watts	90V - 285V AC
<b>DLX150</b>	150 Watts	90V - 285V AC	<b>DLX320</b>	320 Watts	90V - 285V AC

## ULTRA CLAMPS

We offer a range of clamps. Call us if you require one for a special application.

SERIES	SIZE	DESCRIPTION	PART No.
<b>Standard</b>	20mm	Standard Single Mount Clamp	SCS20
<b>Heavy</b>	20mm	Heavy Duty Single Mount Clamp with Rubber Mount	SCS20HD
<b>Twin Standard</b>	20mm & 20mm	Standard Twin Mount Clamp	SCD20
<b>Twin Heavy</b>	20mm & 20mm	Heavy Duty Twin Mount Clamp with Rubber Mount	SCD20HD
<b>ACT Clamps</b>	20mm	Anti Corrosion Technology - Single Mount	SCS20ACT
<b>Hand Rail Clamp</b>	20mm & 32mm	Suitable for Mounting a Single Tube to Hand Rails	SCS20HR





# MINE MASTER

## EXCELLENT FOR:

- Lighting Towers
- Area Flood Lighting
- Heavy Machinery Lighting
- Ship Yards
- Fishing Vessels
- Oil Rigs
- Security Flood Lighting



The Mine Master has been designed as an energy efficient alternative for all MH & HPS lamps.

The Mine Master II is housed in the toughest extrusion available on the market and rated to 15.8g/rms and waterproof to IP68. The lamps are built in Australia and designed to withstand the worst conditions, covered by a 5 year warranty.

The Mine Master II has been designed for use on lighting towers, crusher plants, heavy machinery and similar applications. The technology used in the electronic circuitry allows the unit to operate at over 110 lumens/watt, making it one of the most efficient on the market.

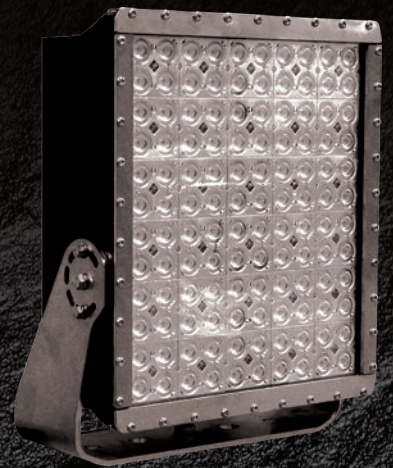
The use of optics controls the light to a high degree, ensuring that the light produced is directed to where you need it most. Having 6 options of beam pattern ensures every application is covered.



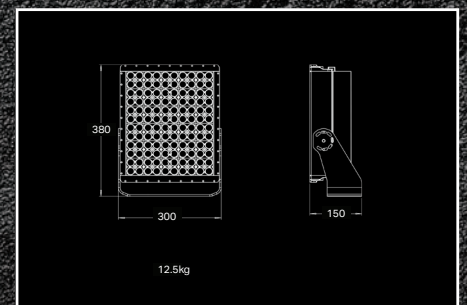
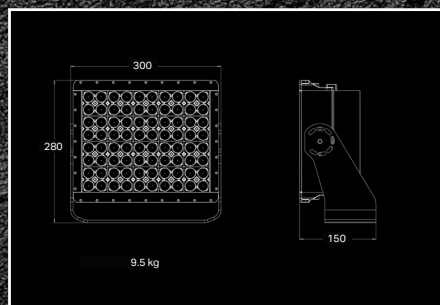
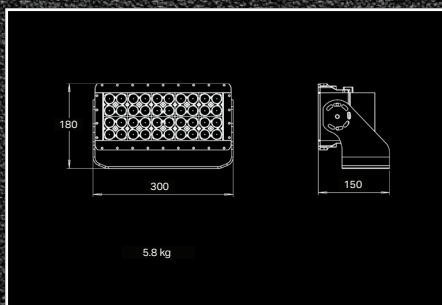
**180 W**



**360 W**



**500 W**



**REMOTE DRIVER OPTION AVAILABLE**



# MINE MASTER

## 240V AC VERSION

<b>Wattage</b>	150w	320w	480w
<b>Light output raw</b>	20,850 lumens	44,480 lumens	66,720 lumens
<b>Light output effective</b>	16,200lm @ 65°C	34,560lm @ 65° C	51,840lm @ 65°C
<b>LED Efficacy</b>	126 lm/W	123 lm/W	123 lm/W
<b>Voltage range</b>	90-305vAC	90-305vAC	90-305vAC
<b>Current draw</b>	0.65A	1.45A	2.1A
<b>Operating temp</b>	-40 - +70°C	-40 - +70°C	-40 - +70°C
<b>Vibration rating</b>	NA	15G rms	15G rms
<b>IP rating</b>	IP68	IP68	IP68
<b>EMC Rating</b>	CISPR 25 Class 3	CISPR 25 Class 3	CISPR 25 Class 3
<b>Housing</b>	Aluminium	Aluminium	Aluminium
<b>Colour temp K</b>	4000k or 5700k	4000k or 5700k	4000k or 5700k
<b>Lens construction</b>	Polycarbonate	Polycarbonate	Polycarbonate
<b>Bracket</b>	5mm Stainless steel	5mm Stainless steel	5mm Stainless steel
<b>Lifespan</b>	50,000 H	50,000 H	50,000 H
<b>Net weight</b>	7kg	12KG	15kg
<b>Mounting</b>	all types	all types	all types
<b>Beams</b>	10, 25, 40, 60, 70x40 & 110	10, 25, 40, 60, 70x40 & 110	10, 25, 40, 60, 70x40 & 110
<b>Warranty</b>	5 Years	5 Years	5 Years

<b>Part Number</b>	150w 240vAC	320w 240vAC	480w 240vAC
<b>BEAM TYPE</b>			
<b>10deg Flood Light</b>	DVZ150---	DVZ320---	DVZ480---
<b>25deg Flood Light</b>	DVZ150---	DVZ320---	DVZ480---
<b>40deg Flood Light</b>	DVZ150---	DVZ320---	DVZ480---
<b>60deg Flood Light</b>	DVZ150---	DVZ320---	DVZ480---
<b>70x40deg Flood Light</b>	DVZ150---	DVZ320---	DVZ480---
<b>110deg Flood Light</b>	DVZ150---	DVZ320---	DVZ480---

415V AC also available

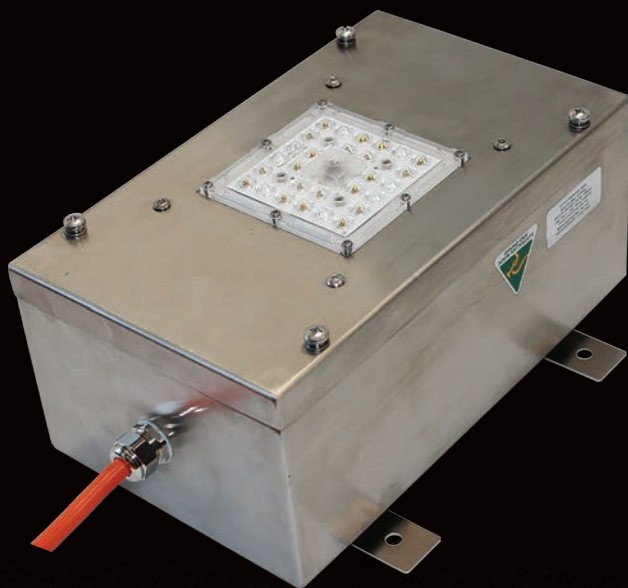
## MINE MASTER DC VOLT VERSION

<b>Wattage</b>	180w	240w	340w	500w
<b>Light output raw</b>	24,700 lumens	36,550 lumens	47,550 lumens	70,350 lumens
<b>Light output effective</b>	19,950 lumens @ 65°C	28,500 lumens @ 65°C	36,950 lumens @ 65°C	54,650 lumens @ 65°C
<b>LED Efficacy</b>	131 lm/W	145 lm/W	133 lm/W	134 lm/W
<b>Voltage range</b>	21-55vDC	21-55vDC	21-55vDC	21-55vDC
<b>Current draw</b>	7.2A @ 25vDC	13.6A @ 25vDC	13.6A @ 25vDC	20A @ 25vDC
<b>Operating temp</b>	-40 - +85°C	-40 - +85°C	-40 - +85°C	-40 - +85°C
<b>Vibration rating</b>	15G rms	15G rms	15G rms	15G rms
<b>IP rating</b>	IP68	IP68	IP68	IP68
<b>Connector type</b>	Deutsch/Amphenol	Deutsch/Amphenol	Deutsch/Amphenol	Deutsch/Amphenol
<b>Housing</b>	Aluminium	Aluminium	Aluminium	Aluminium
<b>Colour temp K</b>	4000k or 5700k	4000k or 5700k	4000k or 5700k	4000k or 5700k
<b>Lens construction</b>	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
<b>Bracket</b>	5mm Stainless steel	5mm Stainless steel	5mm Stainless steel	5mm Stainless steel
<b>Lifespan</b>	50,000 H	50,000 H	50,000 H	50,000 H
<b>Net weight</b>	5.8kg	9.5kg	9.5kg	12.5kg
<b>Mounting</b>	all types	all types	all types	all types
<b>Beams</b>	10, 25, 40, 60, 70x40 & 110	10, 25, 40, 60, 70x40 & 110	10, 25, 40, 60, 70x40 & 110	10, 25, 40, 60, 70x40 & 110
<b>Warranty</b>	5 Years	5 Years	5 Years	5 Years

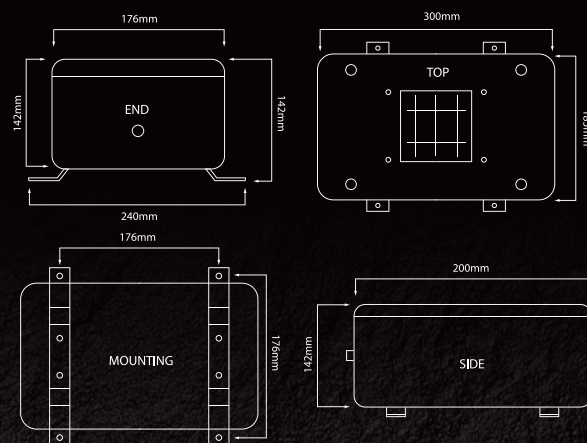
<b>Part Number</b>	180w 21-58vDC	240w 21-58vDC	340w 21-58vDC	500w 21-58vDC
<b>BEAM TYPE</b>				
<b>10deg Flood Light</b>	DVM180---	DVM240---	DVM340---	DVM500---
<b>25deg Flood Light</b>	DVM180---	DVM240---	DVM340---	DVM500---
<b>40deg Flood Light</b>	DVM180---	DVM240---	DVM340---	DVM500---
<b>60deg Flood Light</b>	DVM180---	DVM240---	DVM340---	DVM500---
<b>70x40deg Flood Light</b>	DVM180---	DVM240---	DVM340---	DVM500---
<b>110deg Flood Light</b>	DVM180---	DVM240---	DVM340---	DVM500---



# BULKHEAD



The BULK HEAD LIGHT has been designed to provide a robust and sealed lamp for a variety of heavy industrial and mining applications. Housed in an IP67 stainless steel or aluminium box and offering 2 options of beam pattern, these low profile lamps can be mounted inside, outside or underground. A further option includes a battery back-up system for emergency lighting.



## SPECIFICATIONS

	Non Emergency	Non Emergency	Emergency	Emergency
<b>Wattage</b>	25w	50w	25w EMG	50w EMG
<b>light output effective @ 75degC</b>	2780lm	5100lm	2780lm	5100lm
<b>LED Efficacy Raw</b>	130lm/w	130lm/w	130lm/w	130lm/w
<b>Voltage Range</b>	90vAC-305vAC	90vAC-305vAC	90vAC-305vAC	90vAC-305vAC
<b>Current Draw @ 240vAC</b>	0.1A	0.2A	0.1A	0.2A
<b>Power Factor (Full Load)</b>	>0.93	>0.93	>0.93	>0.93
<b>Operating Temp</b>	~30degC to 80degC	~30degC to 80degC	~30degC to 80degC	~30degC to 80degC
<b>IP Rating</b>	IP67	IP67	IP67	IP67
<b>Housing</b>	316 SS or Alloy	316 SS or Alloy	316 SS or Alloy	316 SS or Alloy
<b>Colour Temp STD</b>	4000k	4000k	4000k	4000k
<b>Colour Temp options</b>	3000k or 5700k	3000k or 5700k	3000k or 5700k	3000k or 5700k
<b>HPS / MH Equivalent</b>	50W	75W	50W	75W
<b>Lens Construction</b>	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
<b>Lifespan</b>	50,000+ Hours	50,000+ Hours	50,000+ Hours	50,000+ Hours
<b>Beam Types</b>	4 beam types	4 beam types	4 beam types	4 beam types
<b>Emergency Function &amp; Run Time</b>	N/A	N/A	6w 3 hours	6w 3 hours
<b>Emergency Function light output</b>	N/A	N/A	820 lm	820 lm
<b>Electronic Thermal Management</b>	Yes	Yes	Yes	Yes
<b>Warranty</b>	5 Years	5 Years	5 Years	5 Years

## PART NUMBERS

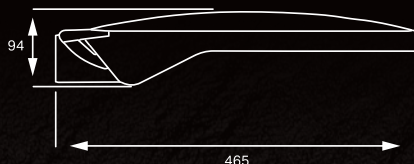
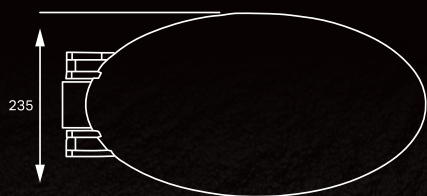
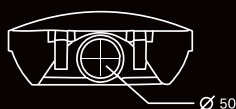
<b>Skymaster part No SS sl beam</b>	SM25W4SLSS	SM50W4SLSS	SM25W4SLSSEM	SM50W4SLSSEM
<b>Skymaster part No Al sl beam</b>	SM25W4SLAL	SM50W4SLAL	SM25W4SLALEM	SM50W4SLALEM



# SKY MASTER



The Sky Master has been designed to offer an industrial grade alternative to traditional metal halide street and conveyor lights. The smooth cover prevents build-up of dirt and debris, making for better long term efficiency and easier maintenance. With two beam pattern and two wattage options available, the Sky Master covers all the bases. A further option includes a battery back-up system for emergency lighting.



## SPECIFICATIONS

	Non Emergency	Non Emergency	Emergency	Emergency
<b>Wattage</b>	25w	50w	25w EMG	50w EMG
<b>Light Output Effective @ 75degC</b>	2780lm	5100lm	2780lm	5100lm
<b>LED Efficacy Raw</b>	130lm/w	130lm/w	130lm/w	130lm/w
<b>Voltage Range</b>	90vAC-305vAC	90vAC-305vAC	90vAC-305vAC	90vAC-305vAC
<b>Current Draw @ 240vAC</b>	0.1A	0.2A	0.1A	0.2A
<b>Power Factor (Full Load)</b>	>0.93	>0.93	>0.93	>0.93
<b>Operating Temp</b>	~30degC to 80degC	~30degC to 80degC	~30degC to 80degC	~30degC to 80degC
<b>Waterproof Rating</b>	IP66	IP66	IP66	IP66
<b>Housing</b>	Aluminium	Aluminium	Aluminium	Aluminium
<b>Colour Temp STD</b>	4000k	4000k	4000k	4000k
<b>Colour Temp Options</b>	3000k or 5700k	3000k or 5700k	3000k or 5700k	3000k or 5700k
<b>CRI</b>	70 min	70 min	70 min	70 min
<b>HPS / MH Equivalent</b>	50W	75W	50W	75W
<b>Lens Construction</b>	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
<b>Lifespan</b>	50,000+ Hours	50,000+ Hours	50,000+ Hours	50,000+ Hours
<b>Beam Types</b>	2 beam types	2 beam types	2 beam types	2 beam types
<b>Emergency Function &amp; Run Time</b>	N/A	N/A	6w 3 hours	6w 3 hours
<b>Emergency Function light output</b>	N/A	N/A	820 lm	820 lm
<b>Electronic Thermal Management</b>	Yes	Yes	Yes	Yes
<b>Weight</b>	7kg	7kg	7kg	7kg
<b>Warranty</b>	5 Years	5 Years	5 Years	5 Years

## PART NUMBERS

<b>Sky master part No Street lights beam</b>	SM25W4SL	SM50W4SL	SM25W4SLEM	SM50W4SLEM
<b>Sky master part No Area Light beam</b>	SM25W4AL	SM50W4AL	SM25W4ALEM	SM50W4ALEM



# FLOOD MASTER

The Flood Master has been designed as a direct alternative to 2kW metal halide fittings in big-area and flood lighting applications. The lightweight construction and asymmetric beam pattern allows them to be used as a 1-for-1 replacement to traditional fittings. In-built over-temperature protection ensures they can operate continuously without issues.



## SPECIFICATIONS

## 1280

<b>Input Power</b>	1280w
<b>LED</b>	HI Power LED
<b>Lumen Output</b>	151,000lm
<b>Working temperature</b>	-40 to +70C
<b>Power factor</b>	>0.9
<b>Driver (240v &amp; 415v)</b>	4x320W
<b>Protection class</b>	IP66
<b>Impact resistance</b>	IK09
<b>Earth connection</b>	Class 1
<b>Material</b>	Aluminium Body
<b>Size (excl handle)</b>	540x790x120mm
<b>Weight</b>	25kg
<b>Lifespan</b>	50 000hrs
<b>Colour temperature</b>	4000 - 5700K
<b>Input voltage</b>	90-415VAC, 50/60Hz
<b>Beam type</b>	Narrow Asymmetric / Wide / Track
<b>CRI</b>	70-90 Ra
<b>Dim/RC (optional)</b>	1-10V / DMX / DALI
<b>Windage @ 15° tilt</b>	0.175
<b>Warranty</b>	5 Years
<b>Beam Pattern</b>	Flood
<b>Part Number</b>	DVF1280LEDf

Other wattages available



# HIGH BAYS

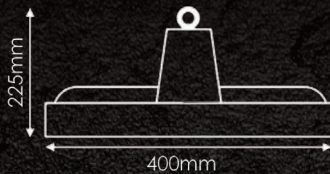
As one of Australia's premier LED manufacturing companies, Ultra Vision has a reputation to uphold in terms of delivering excellence. Warehouse and area lighting is no exception.

Duralux high bays are designed to directly replace conventional metal halide & HPS highbays, significantly reducing current draw and providing high levels of uniform light – instantly. These lights are designed for peak performance, even when operating in extreme temperature conditions. With a minimum life-expectancy of 50000 hours Duralux high bays deliver an excellent return on investment by way of reduced maintenance and increased productivity.

By operating at 130+ lumens/watt these modules provide exceptional light yet only use 25% of the electricity of conventional HPS units and 75% of most LED high bays.

The addition of an optional daylight harvesting module optimises energy savings by monitoring daylight levels and dimming the luminaire appropriately. This system can also be used to control lighting levels to a preset value, as required by the dairy industry.

For new-build projects, contact us to discuss IES files and lighting plans to ensure optimal efficiency.



*The Duralux Lowbay can also be fitted with a PC lens making it suitable for food processing plants.*

SPECIFICATIONS	80W	100W	120W	150W	180W
<b>Wattage</b>	80 Watt	100 Watt	120 Watt	150 Watt	180 Watt
<b>No. of LED's</b>	408 L.E.D's	504 L.E.D's	600 L.E.D's	756 L.E.D's	840 L.E.D's
<b>Light Output (raw)</b>	12'400 Lumens	15'500 Lumens	18'600 Lumens	23'200 Lumens	27'900 Lumens
<b>Light Output (effective)</b>	11'000 Lumens	13'600 Lumens	16'320 Lumens	20'200 Lumens	24'120 Lumens
<b>Voltage AC</b>	90V - 305V AC	90V - 305V AC	90V - 305V AC	90V - 305V AC	90V - 305V AC
<b>LED Efficiency</b>	155lm/Watt	155lm/Watt	155lm/Watt	155lm/Watt	155lm/Watt
<b>System Efficiency</b>	130+ lm/Watt	130+ lm/Watt	130+ lm/Watt	130+ lm/Watt	130+ lm/Watt
<b>Operating Temp.</b>	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C	-30°C to +70°C
<b>IP Rating</b>	IP67	IP67	IP67	IP67	IP67
<b>Connector Type</b>	AUS 3 pin Plug	AUS 3 pin Plug	AUS 3 pin Plug	AUS 3 pin Plug	AUS 3 pin Plug
<b>Housing</b>	Die-Cast Aluminium	Die-Cast Aluminium	Die-Cast Aluminium	Die-Cast Aluminium	Die-Cast Aluminium
<b>Colour (CRI)</b>	Ra>80	Ra>80	Ra>80	Ra>80	Ra>80
<b>Colour Temperature</b>	5000K	5000K	5000K	5000K	5000K
<b>Lifespan</b>	50'000 + Hours	50'000 + Hours	50'000 + Hours	50'000 + Hours	50'000 + Hours
<b>Net Weight</b>	7kg	7.1kg	7.2kg	7.2kg	7.2kg
<b>Beams Angles</b>	140°	140°	140°	140°	140°
<b>Ideal Hanging Height</b>	3m - 5m	5m - 7m	6m - 8m	8m - 10m	10m - 13m
<b>Metal Halide Equivalent</b>	400W - 450W	520W - 580W	660W - 720W	740W - 800W	800W +
<b>Warranty</b>	5 years	5 years	5 years	5 years	5 years
PART NUMBERS	80W	100W	120W	150W	180W
<b>140° Beam</b>	DLX80LB14	DLX100LB14	DLX120LB14	DLX150LB14	DLX180LB14



# AUSTRALIAN MADE

## Why does Ultra Vision manufacture in Australia?

Firstly, we believe in Australia as a manufacturing country. Secondly, it gives us total control over the quality of the finished product ensuring that it can do exactly what we say it can do. In our harsh environments, this can be the difference between success and failure, life and death. Thirdly, it gives us a lot of flexibility for trying new ideas and keeping ahead with new innovations.

Having invested heavily in our people, a purpose built factory in north Victoria and hi-tech equipment, ensures we are prepared for whatever design and manufacturing challenges come up in the future.

## Australia's No.1 manufacturer of LED for extreme environments.



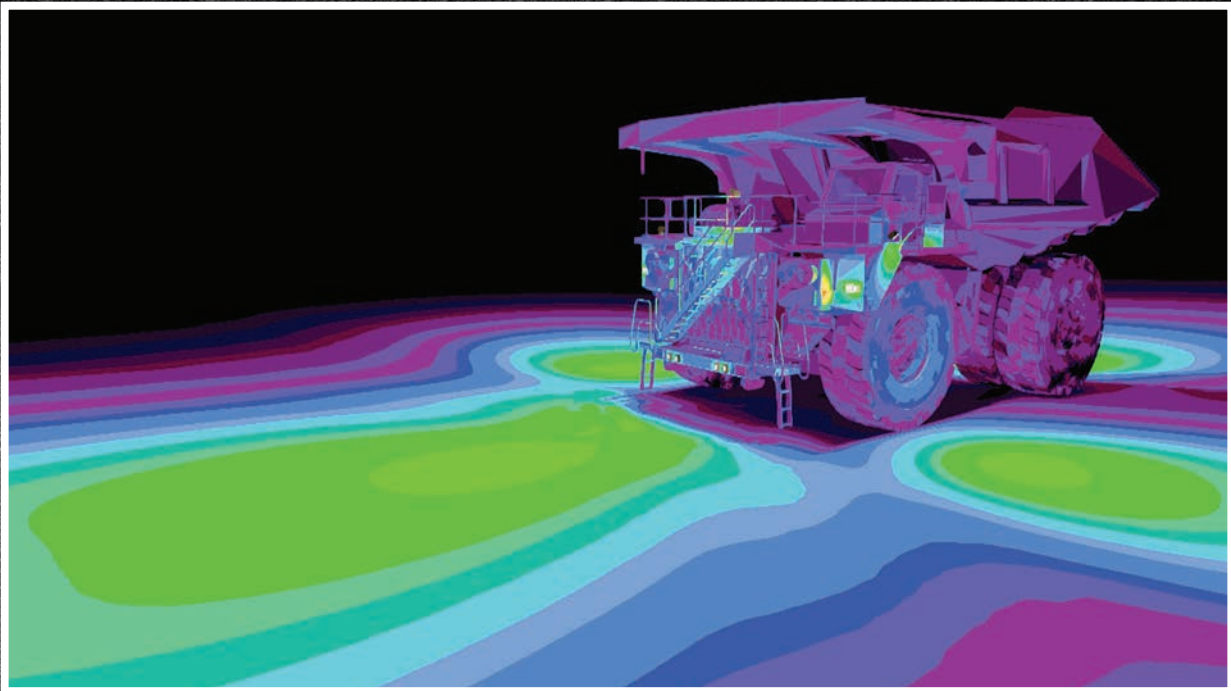
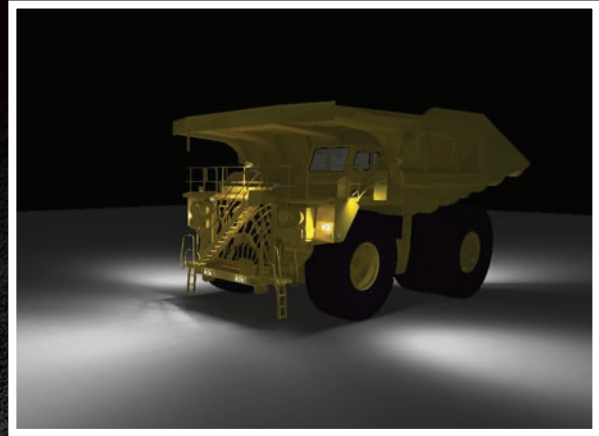
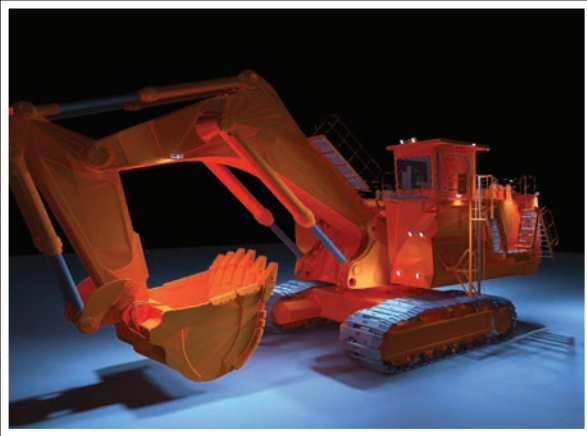
Part of our production facilities at our Swan Hill Head Quarters.





# LIGHTING PLANS & LAYOUTS

When planning lighting replacement for mine vehicles it is important to make sure you're getting the right amount of light, in the right places. Ultra Visions light plan service ensures that all these factors are taken care of. Doing a digital lighting plan with your specific vehicle ensures maximum accuracy of results and guarantees compliance. Depending on the level of service required, Ultra offers on-site visits for before/after lux readings and formal lighting layouts which show where and at what angle each light needs to be placed.

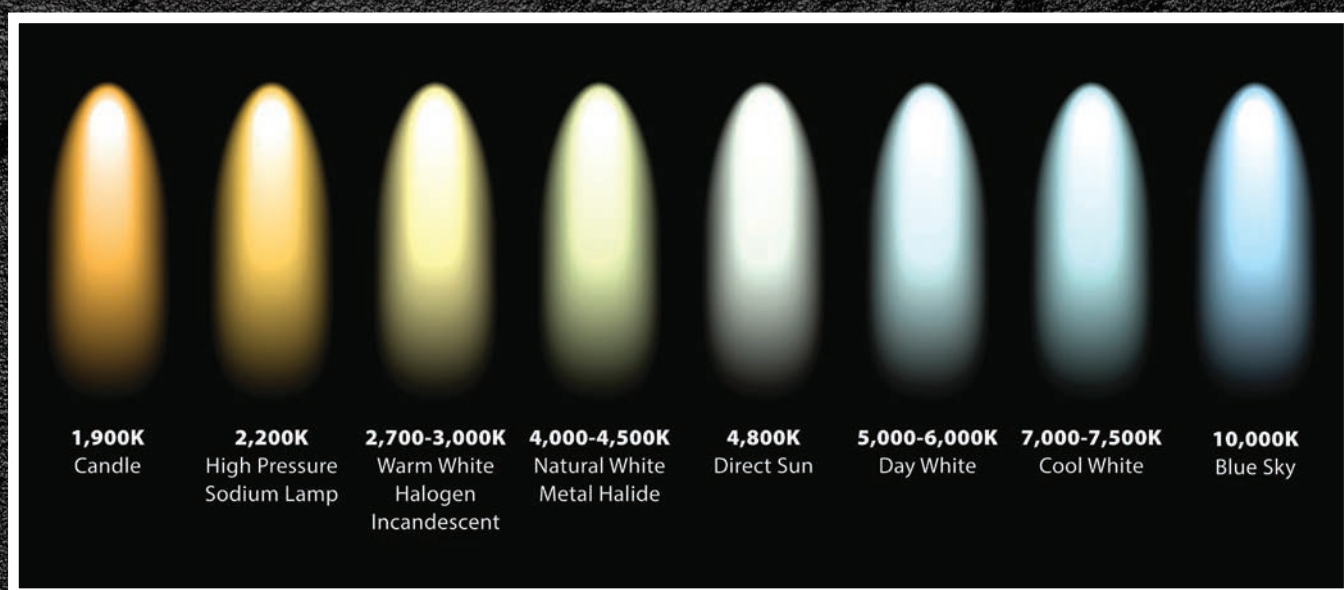
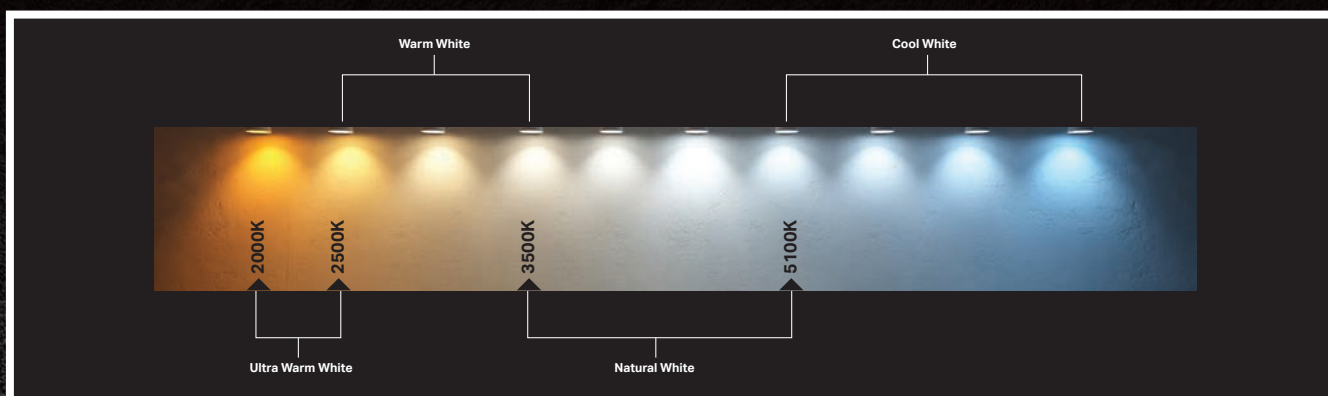




# KELVIN COLOUR TEMPERATURE

The Kelvin Colour Temperature scale describes the colour of the light output of a lamp. This has varied from the traditional Halogen at 3000K which is quite yellow, through to blue/white LED which is typically around 6500K. When LED first came out people liked the crisp white light compared to the yellow halogen. However, when working in very dusty environments, the white LED's reflect off the dust, causing a lot of glare. To overcome this Ultra Vision has introduced a 3000K and 4000K LED option. This gives the advantages of solid-state LED but also the advantages of halogen for penetrating dust and reducing glare. With the technology improvements in LED there are now LED's available for the complete colour temperature spectrum.

If you are unsure what is best for your application speak to our team to arrange a demonstration or trial.











**AUSTRALIA'S  
NO 1 MANUFACTURER  
OF LED LIGHTING FOR  
EXTREME ENVIRONMENTS**

**Distributor:**