



MINE LIGHTING

2018 Product Catalogue V 2.0



This 2018 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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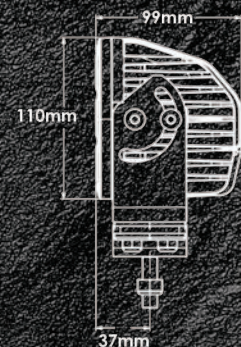
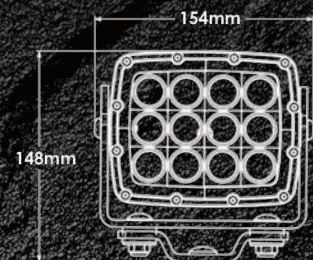


ENFORCER



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.

STANDARD



SPECIFICATIONS

SPECIFICATIONS	STANDARD
Wattage	60 Watt
Light Source	12 x 5W L.E.D's
Light Output (raw)	7595 Lumens
Light Output (effective)	5925 Lumens
Voltage	9V-32V DC or 24V DC only
Current Draw	2.5A @ 24V DC
Operating Temp	-40°C to +85°C
Vibration	25G rms
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
Mounting Suitable	All types
Beams Available	10 - 110 Deg
Warranty	5 Years
Dimming Control	Yes (Optional)

PART NUMBERS

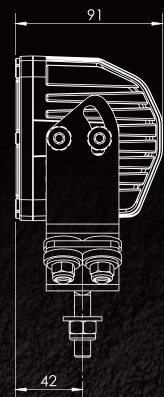
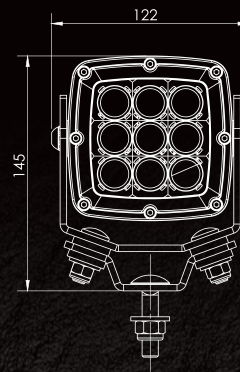
	MULTI -VOLT	24 VOLT
Euro Beam - Multivolt	DV512LEDEU/S	DV512LED24EU/S
Wide Flood Beam - Multivolt	DV512LEDWF/S	DV512LED24WF/S
Flood Beam - Multivolt	DV512LEDFB/S	DV512LED24FB/S

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

Wattage	50 Watt
Light Source	9 x 5W
Light Output (raw)	5698 Lumens
Light Output (effective)	4518 Lumens
Voltage	10V-36V or 24V
Current Draw	2.1A @ 24V
Operating Temp.	-40°C to +85°C
Waterproof Rating	IP69
Connector Type	2 Pin standard Deutsch
Housing	Die-Cast Alloy
Lens Construction	Polycarbonate
Bracket	5mm Stainless Steel
Colour Temp	4000K or 5700K
Lifespan	50'000 Hours
Net Weight	1.8kg
Mounting Suitable	Upright & Pendent
Beams Available	10-110 Deg
Warranty	5 Years
Fixings	Stainless Steel

PART NUMBERS

MULTI-VOLT

24 VOLT

Euro Beam	DV550LEDEU/Y	DV550LED24EU/Y
Wide Flood Beam	DV550LEDWF/Y	DV550LED24WF/Y
Flood Beam	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.



10 W

PART NUMBERS

Wide Flood	DVA10LEDWF
Euro Beam	DVA10LEDEU

SPECIFICATIONS

Wattage	10 Watt
Light Source	1 x 10W Cree L.E.D's
Light Output (raw)	1040 Lumens
Light Output (effective)	950 Lumens
Voltage	9V-50V DC
Current Draw	0.83A @ 12V
IP Rating	IP68
Connector Type	Deutsch DT 2 Pin
Housing	Die-Cast Aluminium
Lifespan	50'000 Hours
Warranty	3 Years
Beams Available	Euro & Flood Beam



20 W

PART NUMBERS

Wide Flood	DVA20LEDWF
Euro Beam	DVA20LEDEU

SPECIFICATIONS

Wattage	20 Watt
Light Source	2 x 10W Cree L.E.D's
Light Output (raw)	2080 Lumens
Light Output (effective)	1800 Lumens
Voltage	9V-50V DC
Current Draw	1.6A @ 12V
IP Rating	IP68
Connector Type	Deutsch DT 2 Pin
Housing	Die-Cast Aluminium
Lifespan	50'000 Hours
Warranty	3 Years
Beams Available	Euro & Flood Beam



50 W

PART NUMBERS

Wide Flood	DV500LEDWF
Euro Beam	DV500LEDEU

SPECIFICATIONS

Wattage	50 Watt
Light Source	5 x 10W Cree L.E.D's
Light Output (raw)	4800 Lumens
Light Output (effective)	3980 Lumens
Voltage	9V-32V DC
Current Draw	4.2A @ 12V
IP Rating	IP68
Connector Type	Deutsch DT 2 Pin
Housing	Die-Cast Aluminium
Lifespan	50'000 Hours
Warranty	3 Years
Beams Available	Euro & Flood Beam

NITRO 80 MAXX



The new Nitro 80 follows on from the Nitro 140 in a line of high performance products using a sophisticated Contrl® optic, significantly increasing distance while the central Widr® optic gives 180Deg. of width. The stainless steel mounting system makes adjustment simple but able to withstand high levels of vibration. Clear lens covers, a wiring harness and anti-theft nuts are all included.



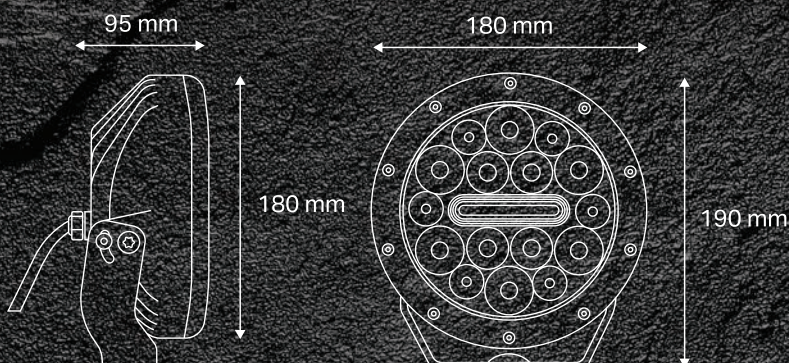
SPECIFICATIONS

80 Watt

Wattage	80 Watt
Light Source	19 x LumiLED
Light Output - Raw	7410 Lumens/lamp
Light Output - Effective	5780 Lumens/lamp
Voltage	9V-36V
Current Draw	4.5A @ 13.5V
Operating Temp.	-40°C to +85°C
Waterproof Rating	IP68
Connector Type	Deutsch DT 2 Pin
Housing	Die-Cast Alloy
Lens Construction	Polycarbonate
Bracket	4mm Stainless Steel
Colour Temp	4000k or 5700K
Lifespan	50'000 Hours
Diameter	180mm
Net Weight	2.25kg
Beams Available	Widr
Warranty	5 Years

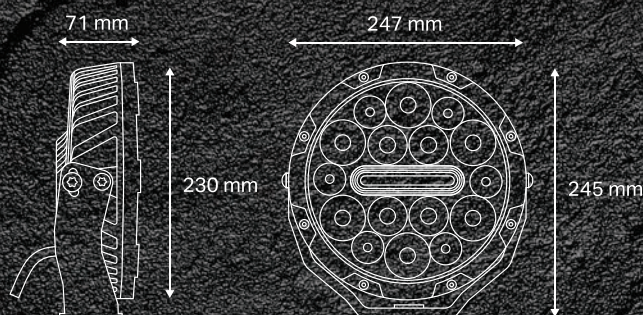
PART NUMBERS

Widr Beam	PVM1880LEDW
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NITRO 140 MAXX

The NITRO 140 Maxx is the latest generation of high performance LED lighting. Utilizing a sophisticated Contrl® optic the light usage is optimised to give width and distance from one reflector. The Widr® option further increases the width, but still giving more than 1 lux @ 1km. The new slim body design allows for fitment to the majority of vehicles and the reduced weight further improves options. Utilizing the proven stainless steel mounting bracket ensures years of trouble free life. Units are supplied complete with clear polycarbonate lens covers, wiring harness and anti-theft nuts.



SPECIFICATIONS

140 Watt

Wattage	140 Watt
Light Source	5W Cree L.E.D's
Light Output - Raw	14020 Lumens/lamp
Light Output - Effective	10600 Lumens/lamp
Voltage	10V - 40V
Current Draw	10.3A @ 13.5V
Operating Temp	-40°C to +80°C
Waterproof Rating	IP68
Connector Type	2 Pin Waterproof
Housing	Die-Cast Alloy
Lens Construction	Polycarbonate
Bracket	4mm Stainless Steel
Colour Temp	4000k or 5700K
Lifespan	50'000 Hours
Diameter	228mm
Net Weight	2.95kg
Mounting Suitable	All Types
Beams Available	Combo & Spread Beam
Warranty	5 Years
Harness Included	Yes

PART NUMBERS

Combo Beam	PVM2312LEDC
Widr Beam	PVM2312LEDW

QUATTRO ELITE

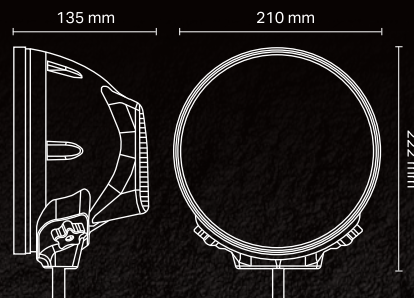


MADE IN AUSTRALIA

3

YEARS
WARRANTY

The Quattro Elite HID driving light has proved it's reliability in harsh environments for many years. Built in Australia, the Elite combines high-tech materials to ensure a long and trouble free life with maximum light output. With a multi-volt, internal ballast the Elite can be used across a wide range of vehicles. The Elite has a rugged but easy-adjust mounting system, designed to withstand the worst conditions. Supplied with a polycarbonate lens cover and Deutsch wiring harness.



SPECIFICATIONS	35 Watt	70 Watt
Wattage	35 Watt	70 Watt
Light Source	H.I.D Xenon	H.I.D Xenon
Voltage	9V-32V DC	9V-32V DC
Current Draw	3.75A @ 12V	5.35A @ 12V
Operating Temp	-40°C to +85°C	-40°C to +80°C
Connector Type	Deutsch DT 2 Pin	Deutsch DT 2 Pin
Housing	Polyamide (Nylon)	Polyamide (Nylon)
Lens Construction	Polycarbonate	Polycarbonate
Reflector	Aluminium	Aluminium
Bracket	Alloy Easy Adjust	Alloy Easy Adjust
Colour Temp	6000K or 4300K	6000K or 4300K
Lifespan	± 3000 Hours	± 3000 Hours
Diameter	210mm	210mm
Net Weight	2kg	2kg
Mounting Suitable	Upright & Pendent	Upright & Pendent
Beams Available	Pencil & Spread	Pencil & Spread
Warranty	3 Years	3 Years
Harness Included	Yes	Yes
PART NUMBERS	35 Watt	70 Watt
Pencil Beam - 6000K	PVQ2100P6	PVQ2100M7P6
Spread Beam - 6000K	PVQ2100S6	PVQ2100M7S6
Pencil Beam - 4300K	PVQ2100P4	PVQ2100M7P4
Spread Beam - 4300K	PVQ2100S4	PVQ2100M7S4

NITRO MAXX LIGHTING

**AS TOUGH AS
IT GETS.**



NITRO MAXX LIGHT BARS



The Nitro light bars are the latest addition to the range. Featuring the Widr® optic for width and a Contrl® optic for distance, the Nitro Light Bar takes performance to another level. Both side and base mounts are available, ensuring that fitment is simple in any application. A wiring harness and anti-theft nuts are supplied with each bar. Please specify base or side mounting at the time of ordering.

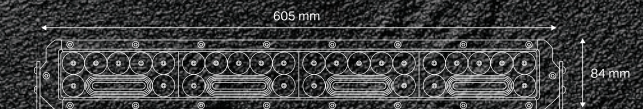
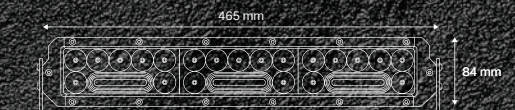
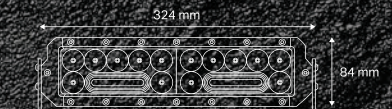
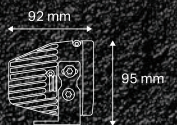


BIGGER SIZES AVAILABLE UPON REQUEST

SPECIFICATIONS	105	155	205
Wattage	100 Watt	150 Watt	200 Watt
Light Source - L.E.D	20 X 5W LEDs	30 x 5 LEDs	40 x 5 LEDs
Light Output (raw)	12320 Lumens	18480 Lumens	24640 Lumens
Light Output (effective)*	8865 Lumens	13295 Lumens	17724 Lumens
Voltage	9-36V	9-36V	9-36V
Current Draw	8A	12A	15A
Operating Temp.	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C
IP Rating	IP68	IP68	IP68
Connector Type	Deutsch	HD Deutsch	HD Deutsch
Housing	Aluminium	Aluminium	Aluminium
Colour Temp	4000k or 5700K	4000k or 5700K	4000k or 5700K
Lifespan	50'000 Hours	50'000 Hours	50'000 Hours
Net Weight	1.9 kg	2.5 kg	3.7 kg
Length	324mm	465mm	605mm
Warranty	5 Years	5 Years	5 Years
Beams Available	Combo Widr	Combo Widr	Combo Widr

PART NUMBERS	DVM055LEDW	DVM155LEDW	DVM205LEDW
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LIGHT DIMENSIONS



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 IP69. The lamps are built in Australia and designed to withstand the worst conditions, covered by a 5 year warranty.

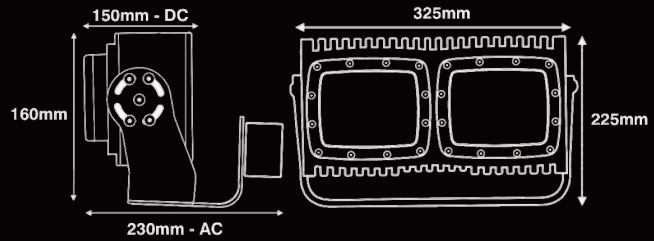
The Mine Master II has been designed for use on lighting towers, crusher plants, heavy machinery and similar applications. The technology used in the electronic circuitry allows the unit to operate at over 110 lumens/watt, making it one of the most efficient on the market.



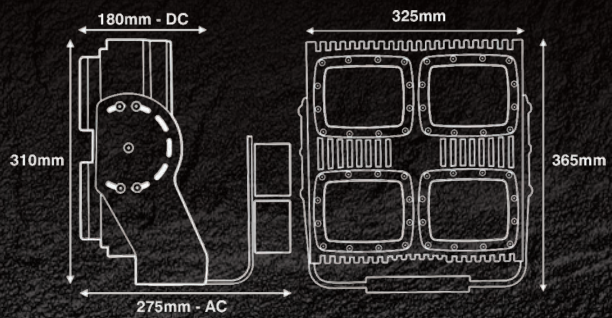
The use of optics controls the light to a high degree, ensuring that the light produced is directed to where you need it most. Having 6 options of beam pattern ensures every application is covered.

SPECIFICATIONS	180W		360W		540W	
Wattage	180 Watt		360 Watt		540 Watt	
Light Source	10W Cree L.E.D's		10W Cree L.E.D's		10W Cree L.E.D's	
Light Output (Raw)	28'800 Lumens		57'600 Lumens		86'400 Lumens	
Light Output (Effective)	19'900 Lumens @ 70°C		39'840 Lumens @ 70°C		59'760 Lumens @ 70°C	
Voltage (AC)	90V - 305V AC		90V - 305V AC		90V - 305V AC	
Voltage (DC)	9V - 60V DC		9V - 60V DC		9V - 60V DC	
Current Draw	8A @ 24V DC		15A @ 24V DC		24A @ 24V DC	
Operating Temp. AC	-40°C to +70°C		-40°C to +70°C		-40°C to +70°C	
Operating Temp. DC	-40°C to +85°C		-40°C to +85°C		-40°C to +85°C	
Vibration	15G rms		15G rms		15G rms	
IP Rating	IP69		IP69		IP69	
Connector Type	Deutsch DT 2 Pin		Deutsch DT 2 Pin		Deutsch DT 2 Pin	
Housing	Extruded Aluminum		Extruded Aluminum		Extruded Aluminum	
Colour Temp	4000k or 5700K		4000k or 5700K		4000k or 5700K	
Lens Construction	Polycarbonate		Polycarbonate		Polycarbonate	
Bracket	6mm Stainless Steel		6mm Stainless Steel		6mm Stainless Steel	
Lifespan	50'000 Hours		50'000 Hours		50'000 Hours	
Net Weight	7.5 kg		14 kg		20 kg	
Mounting Suitable	All types		All types		All types	
Beams Available	10°, 25°, 40°, 60°, 70° & 110°		10°, 25°, 40°, 60°, 70° & 110°		10°, 25°, 40°, 60°, 70° & 110°	
Warranty	5 Years		5 Years		5 Years	
Dimming Control	Yes (Optional)		Yes (Optional)		Yes (Optional)	
PART NUMBERS	180W - AC	180W - DC	360W - AC	360W - DC	540W - AC	540W - DC
10° Flood Light	DV180LED1A	DV180LED1D	DV360LED1A	DV360LED1D	DV540LED1A	DV540LED1D
25° Flood Light	DV180LED3A	DV180LED3D	DV360LED3A	DV360LED3D	DV540LED3A	DV540LED3D
40° Flood Light	DV180LED4A	DV180LED4D	DV360LED4A	DV360LED4D	DV540LED4A	DV540LED4D
60° Flood Light	DV180LED6A	DV180LED6D	DV360LED6A	DV360LED6D	DV540LED6A	DV540LED6D
70° Flood Light	DV180LED7A	DV180LED7D	DV360LED7A	DV360LED7D	DV540LED7A	DV540LED7D
110° Flood Light	DV180LED11A	DV180LED11D	DV360LED11A	DV360LED11D	DV540LED11A	DV540LED11D

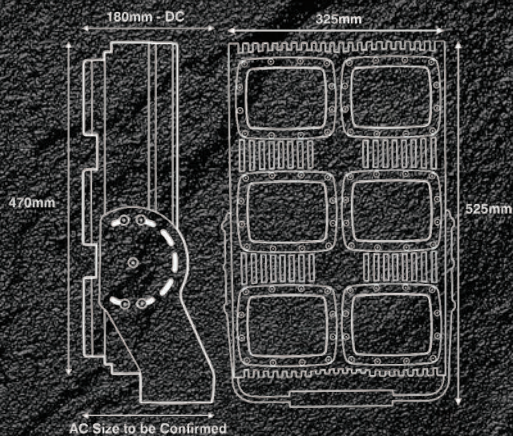
MINE MASTER



180 W



360 W



540 W

FLARE

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
DVF05LED24-2	700 Lumens	5 Watt	20V - 30V DC	0.21A	340mm	20mm
DVF10LED24-2	1400 Lumens	10 Watt	20V - 30V DC	0.42A	620mm	20mm
DVF15LED24-2	2100 Lumens	15 Watt	20V - 30V DC	0.62A	900mm	20mm
DVF20LED24-2	2800 Lumens	20 Watt	20V - 30V DC	0.83A	1180mm	20mm
DVF05LED24-3	700 Lumens	5 Watt	20V - 30V DC	0.21A	340mm	35mm
DVF10LED24-3	1400 Lumens	10 Watt	20V - 30V DC	0.42A	620mm	35mm
DVF15LED24-3	2100 Lumens	15 Watt	20V - 30V DC	0.62A	900mm	35mm
DVF20LED24-3	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
DLX80	80 Watts	90V - 285V AC	DLX185	185 Watts	90V - 285V AC
DLX120	120 Watts	90V - 285V AC	DLX240	240 Watts	90V - 285V AC
DLX150	150 Watts	90V - 285V AC	DLX320	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.
Standard	20mm	Standard Single Mount Clamp	SCS20
Heavy	20mm	Heavy Duty Single Mount Clamp with Rubber Mount	SCS20HD
Twin Standard	20mm & 20mm	Standard Twin Mount Clamp	SCD20
Twin Heavy	20mm & 20mm	Heavy Duty Twin Mount Clamp with Rubber Mount	SCD20HD
ACT Clamps	20mm	Anti Corrosion Technology - Single Mount	SCS20ACT
Hand Rail Clamp	20mm & 32mm	Suitable for Mounting a Single Tube to Hand Rails	SCS20HR



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.

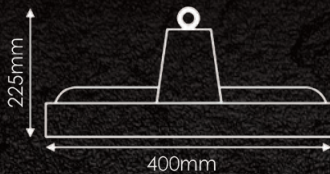
By operating at 130+ lumens/watt these modules provide exceptional light yet only use 25% of the electricity of conventional HPS units and 75% of most LED high bays.

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.



5
YEARS
WARRANTY



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

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



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

Distributor: