

WL 2018

WL2018

Worklamps

ionnic | 

Auto Electrical Imports
30th
ANNIVERSARY
1987-2017



Auto Electrical Imports



1987 - 2017

Mission Statement

To become the preferred supplier of electrical, lighting and safety solutions for mobile plant and equipment in the mining and services industry.

We will continue to improve and expand our range of products that meet and exceed OEM standards, maintaining the latest technology and innovation available backed by technical support and supply.

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NEW in Nordic General Purpose LED

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What's new in WL2018

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Multipurpose Lamp 98

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Powerful and robust



LED Workla

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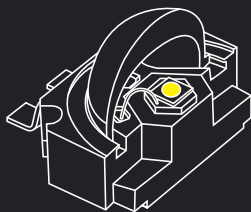


NORDICLIGHTS

NORDIC LIGHTS® produce premium, high-tech work and driving lights for heavy-duty vehicles in the mining, construction, forestry, material handling and agricultural industries. Collaboration with partners in different branches of industry and continuous investments in R&D, laboratories, and the latest in simulation software has made NORDIC LIGHTS® experts in lighting technology.

LED Technology

Unrivalled life spans of up to 100,000 hours together with low power consumption and resistance to high levels of shock and vibration make LEDs the ideal light source for worklamps. Their compact size allows them to be used in a wide range of applications.



Light Output – Theoretical vs Operating

With their luminous efficiency continuing to increase, LEDs have rapidly become the 'MUST HAVE' light source for work lamps of all sizes and utility.

The newer the technology the greater the frequency of confusing and misleading information in the market. This is especially true with LED technology. The most confused of these is the lumen output figures quoted by many manufacturers.

The light output claims made by LED worklamp manufacturers and suppliers should be questioned in detail because often they quote a mathematically calculated lumen figure based upon trigger pulse measurements provided by LED component makers, and have no relationship to a completed product's actual light output, but is a purely theoretical lumen rating that cannot be achieved in real world conditions.

The real light output depends upon many factors including how effective the lamp body is at dissipating heat, plus the quality and the efficiency of the electronics and lens.

To ensure our customers can make a fair and informed decision, Nordic Lights are now presenting both Theoretical and a 'stabilised' Operating Lumen Output value for the entire LED Worklamp range.

e.g.	Theoretical Lumen Output :	4300lm
	Operating Lumen Output :	2700lm

Theoretical is mathematically calculated as explained above. Operating Lumen Output is measured once the work lamp has run for a period of time reaching a stable thermal level and represents a real world lumen output for a lamp used in normal conditions.





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PICTOR LED N7301	32
SCULPTOR LED N6001	34

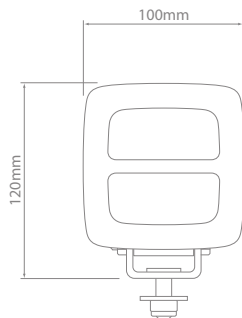
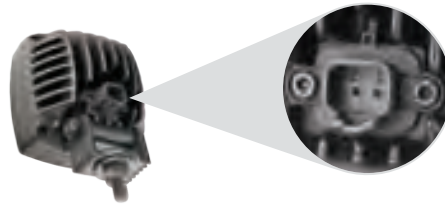
Nordic Heavy Duty LED

SPICA LED N26



- Extensive multi-voltage.
- Long life LEDs.
- Low current draw.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Extreme shock resistance.
- Heavy duty mount.
- Replaceable lens.
- Rotate lens for pendant or side mount.
- Deutsch DT connector encapsulated in body.
- 5 year warranty.

Theoretical Lumen Output :	1100lm
Operating Lumen Output :	700lm
Operational Voltage :	9-110V
Input Current :	0.7A @ 24V
Max Power Consumption :	17 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 2 Pin
Mount :	Single Bolt M10
Shock :	60G
Vibration :	8G rms 24 – 2000Hz
Lens :	PC
Body :	Aluminium
Weight :	0.9kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227
EMC :	ISO 13766, ISO 14982, ISO 7637-2, EN12895
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5700K
Light Source :	4 x Rebel ES LEDs

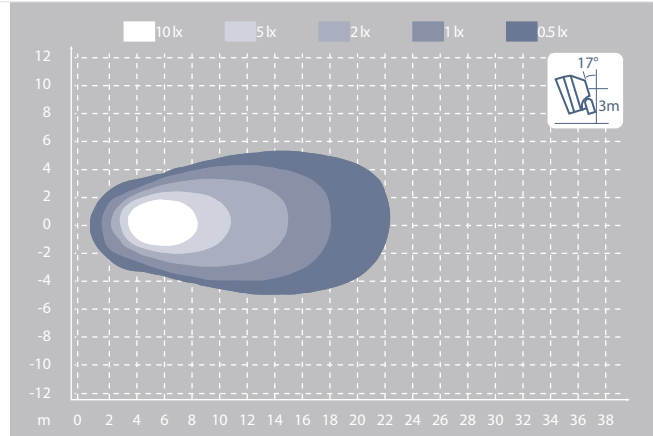


Nordic Heavy Duty LED

SPICA LED N26 – Flood

Part No.
981-202

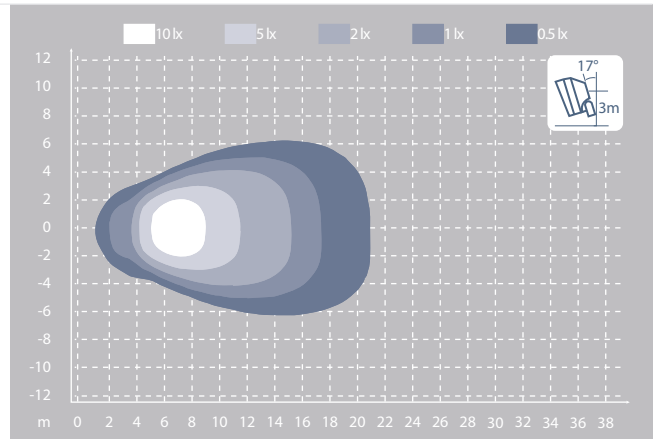
Operational Voltage
9-110



SPICA LED N26 – Wide Flood

Part No.
981-201

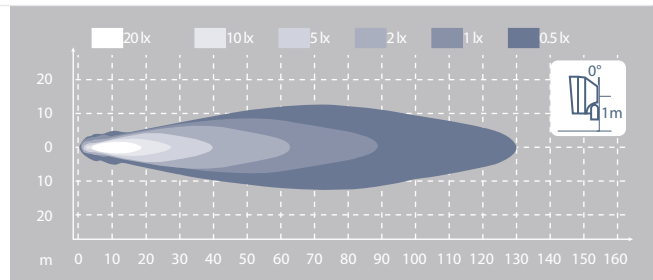
Operational Voltage
9-110



SPICA LED N26 – Spot

Part No.
981-203

Operational Voltage
9-110



Nordic Heavy Duty LED

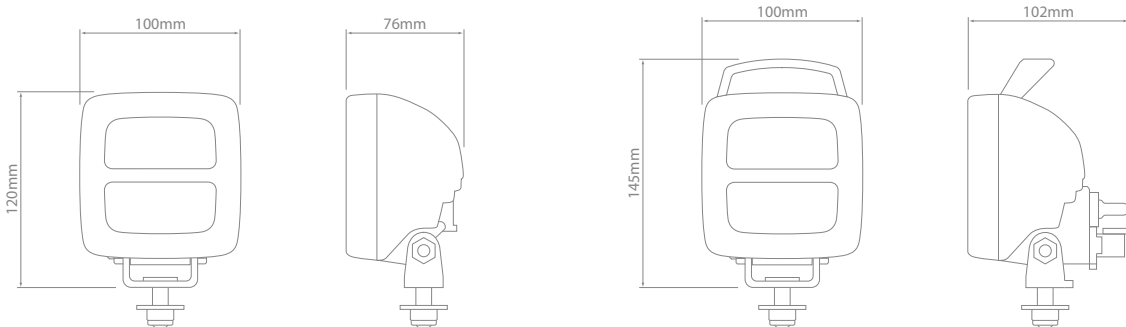
SPICA LED N2401



- 9V
32V
- IP68
- IP
6K9K
- 5Yrs

- Multi-voltage.
- Long life LEDs.
- Low current draw.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Extreme shock resistance.
- Heavy duty mount.
- Replaceable lens.
- Rotate lens for pendant or side mount.
- Deutsch DT connector encapsulated in body.
- Handle version for easy on-site adjustment.
- Integrated toggle switch with sealing boot with handle version.
- 5 year warranty.

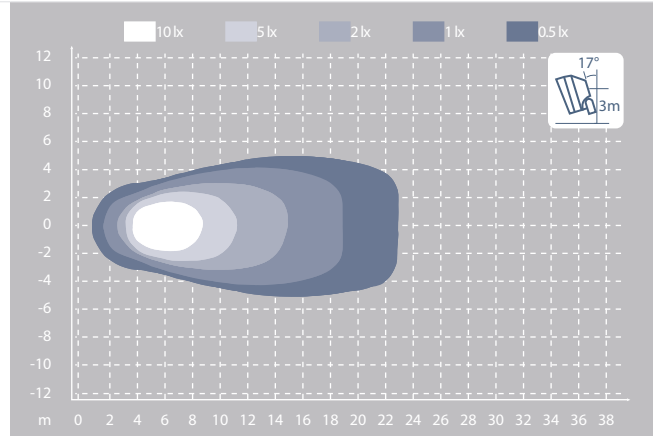
Theoretical Lumen Output :	1200lm
Operating Lumen Output :	750lm
Operational Voltage :	9-32V
Input Current :	1.0A @ 24V
Max Power Consumption :	24 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 2 Pin
Mount :	Single Bolt M10
Shock :	60G
Vibration :	8G rms 24 - 2000Hz
Lens :	PC
Body :	Aluminium
Weight :	0.9kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227
EMC :	ISO 13766, ISO 14982, ISO 7637-2, EN12895
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5700K
Light Source :	4 x OSLO® Square LEDs



Nordic Heavy Duty LED

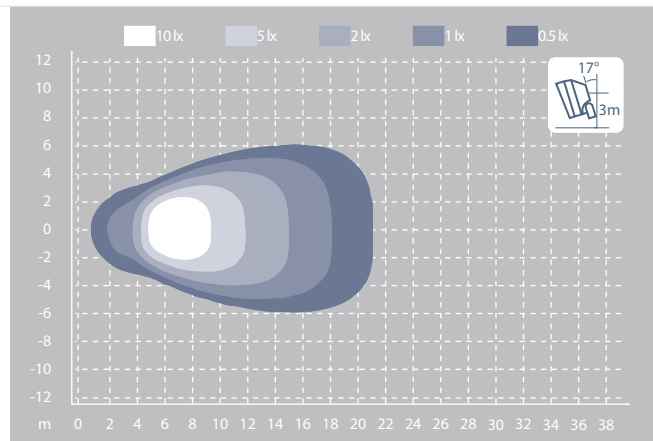
SPICA LED N2401 – Flood

Part No.	Operational Voltage	Handle
981-302	9-32	No
981-320	9-32	Yes



SPICA LED N2401 – Wide Flood

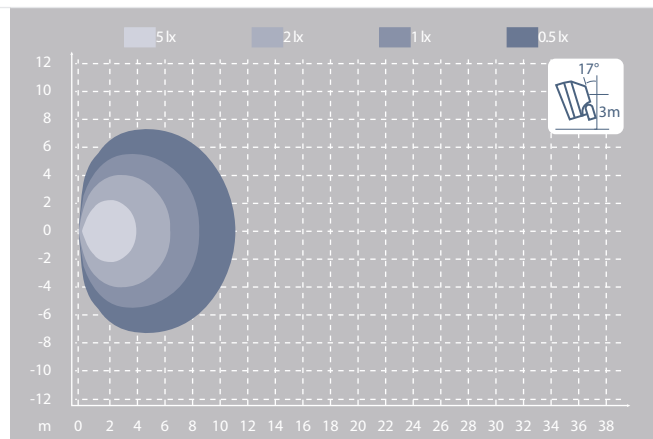
Part No.	Operational Voltage	Handle
981-301	9-32	No
981-319	9-32	Yes



SPICA LED N2401 – Diffused

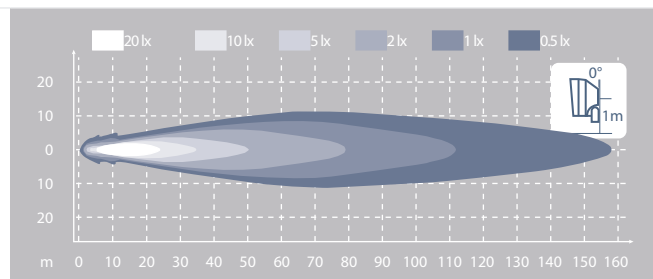
Part No.	Operational Voltage	Handle
981-311	9-32	Yes

Ideal for enclosed areas & engine compartments.



SPICA LED N2401 – Spot

Part No.	Operational Voltage	Handle
981-303	9-32	No
981-318	9-32	Yes



Nordic Heavy Duty LED

NEW

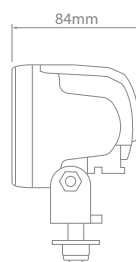
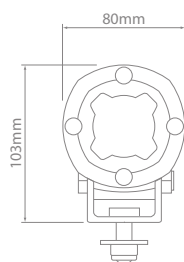


- Ultra compact & lightweight.
- Next generation LED's providing even greater light output.
- Multi-voltage.
- Long life LED.
- Extreme shock resistance.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Deutsch DT connector encapsulated in body.
- 5 year warranty.

CANIS LED N2001

Theoretical Lumen Output :	1,600lm
Operating Lumen Output :	1,000lm
Operational Voltage :	9-68V
Input Current :	0.25A @ 48V
Max Power Consumption :	13 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 2 Pin
Mount :	Single Bolt M10
Shock :	60G
Vibration :	15.3G rms 24 - 2000Hz
Lens :	PC
Body :	Aluminium
Weight :	0.6kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227
EMC :	ISO 13766, ISO 14982, ISO 7637-2
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5700K
Light Source :	Single Lumileds® Luxeon M LED

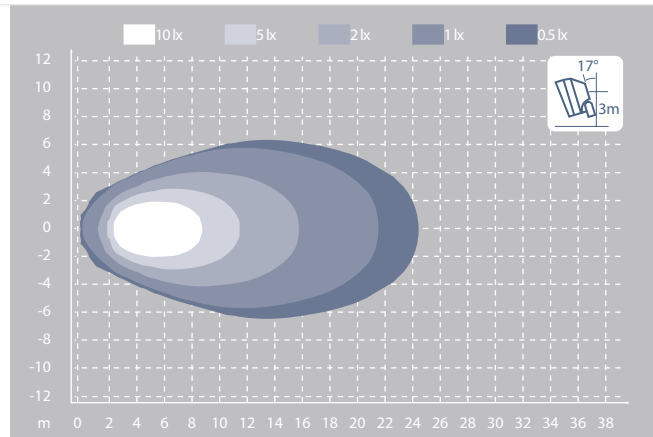
- 9V
68V
- IP68
- IP
6K9K
- 5Yrs



Nordic Heavy Duty LED

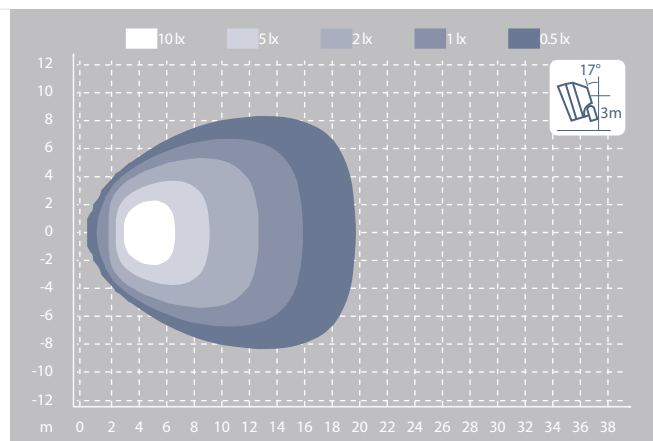
CANIS LED N2001 – Flood

Part No. Operational Voltage
980-102 9-68



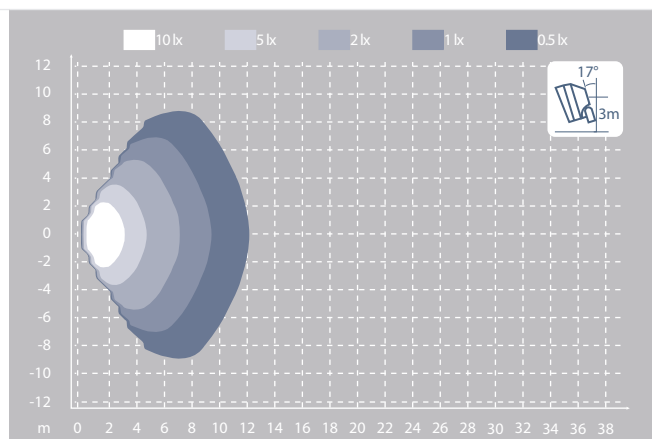
CANIS LED N2001 – Wide Flood

Part No. Operational Voltage
980-101 9-68



CANIS LED N2001 – Ultra Wide Flood

Part No. Operational Voltage
980-104 9-68



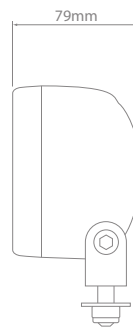
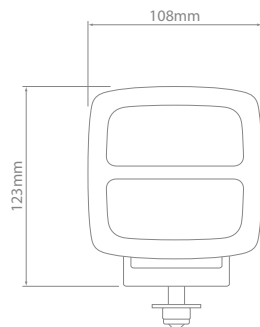
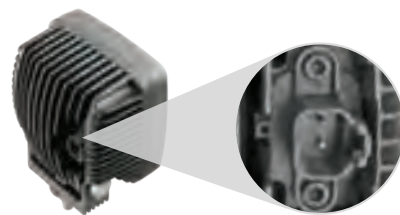
Nordic Heavy Duty LED

SCORPIUS LED N42



- Multi-voltage.
- Long life LEDs.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Extreme shock resistance.
- Heavy duty mounting system.
- Replaceable lens.
- Rotate lens for pendant mount.
- Deutsch DT connector encapsulated in body.
- 5 year warranty.

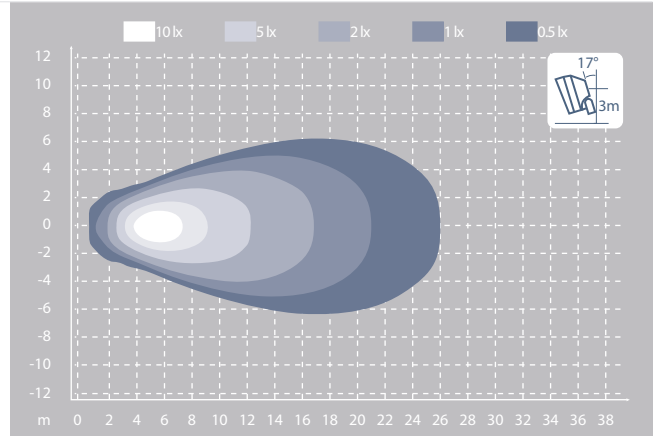
Theoretical Lumen Output :	2200lm
Operating Lumen Output :	1350lm
Operational Voltage :	9-32V
Input Current :	1.0A @ 24V
Max Power Consumption :	25 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 2 Pin
Mount :	Single Bolt M10
Shock :	60G
Vibration :	15G rms 24 - 2000Hz
Lens :	PC
Body :	Aluminium
Weight :	1.2kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227
EMC :	ISO 13766, ISO 14982, ISO 7637-2
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5700K
Light Source :	6 x Luxeon Rebel LEDs



Nordic Heavy Duty LED

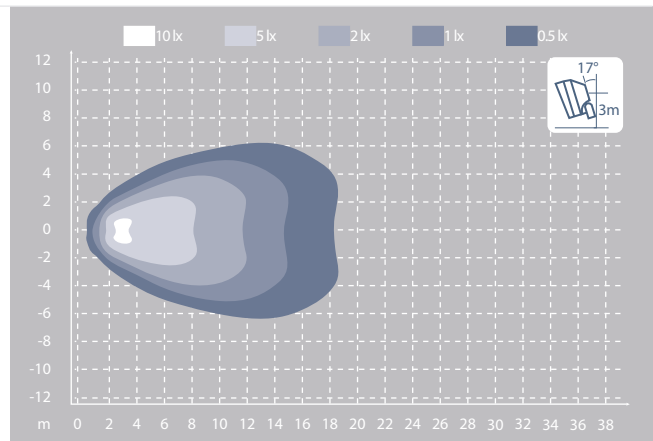
SCORPIUS LED N42 – Flood

Part No. Operational Voltage
984-202 **9-32**



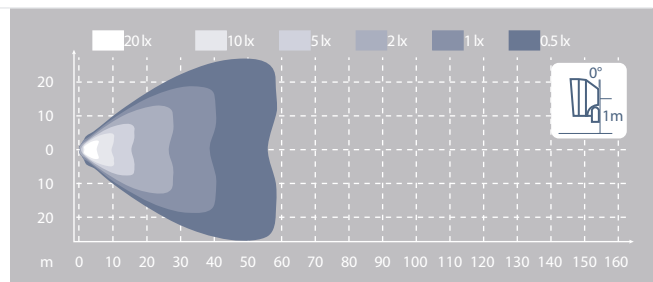
SCORPIUS LED N42 – Wide Flood

Part No. Operational Voltage
984-201 **9-32**



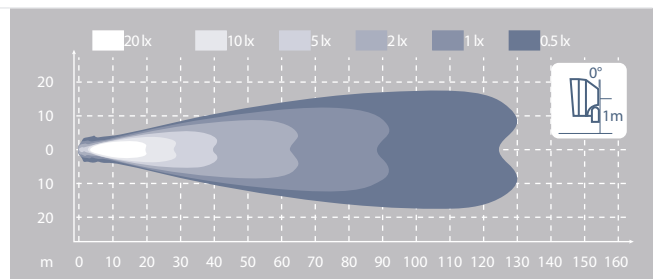
SCORPIUS LED N42 – Low Beam

Part No. Operational Voltage
984-203 **9-32**



SCORPIUS LED N42 – High Beam

Part No. Operational Voltage
984-204 **9-32**



Nordic Heavy Duty LED

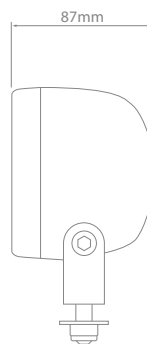
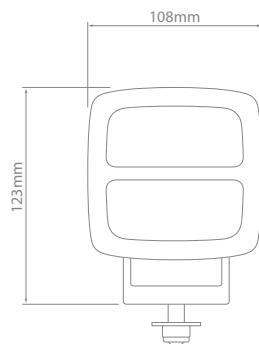
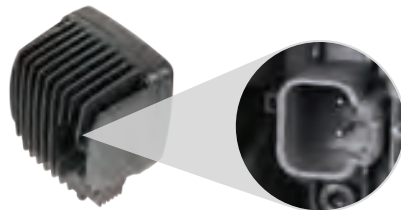
SCORPIUS LED N4406



- Multi-voltage.
- Long life LEDs.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Extreme shock resistance.
- Heavy duty mounting system.
- Replaceable lens.
- Rotate lens for pendant mount.
- Deutsch DT connector encapsulated in body.
- 5 year warranty.

Theoretical Lumen Output :	3400lm
Operating Lumen Output :	2100lm
Operational Voltage :	9-32V
Input Current :	1.5A @ 24V
Max Power Consumption :	35 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 2 Pin
Mount :	Single Bolt M10
Shock :	60G
Vibration :	15G rms 24 - 2000Hz
Lens :	PC
Body :	Aluminium
Weight :	1.1kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227 240H
EMC :	ISO 13766, ISO 14982, ISO 7637-2, EN12895
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5700K
Light Source :	10 x Luxeon Rebel LEDs

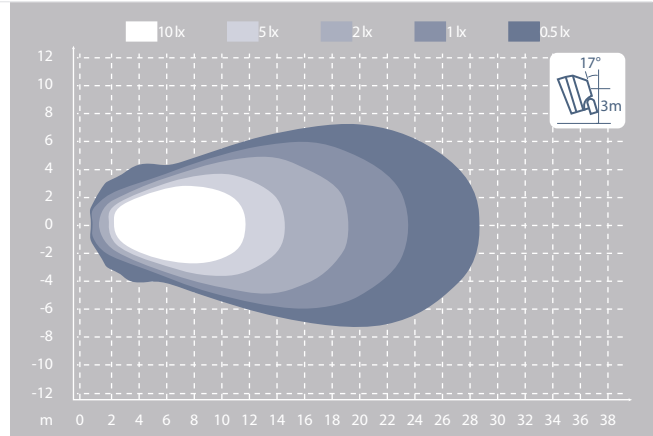
- 9V
32V
- IP68
- IP
6K9K
- 5Yrs



Nordic Heavy Duty LED

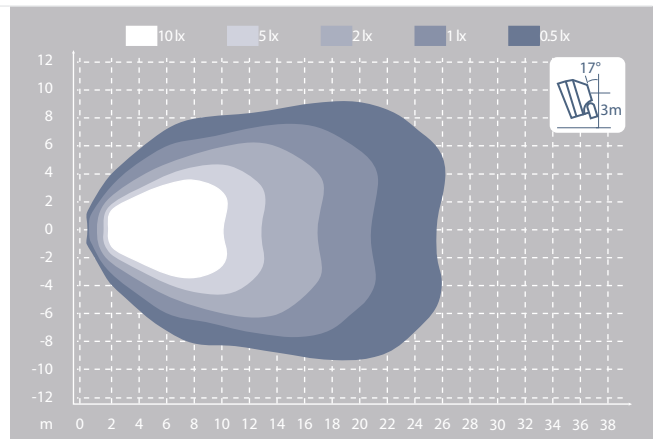
SCORPIUS LED N4406 – Flood

Part No. Operational Voltage
984-037 9-32



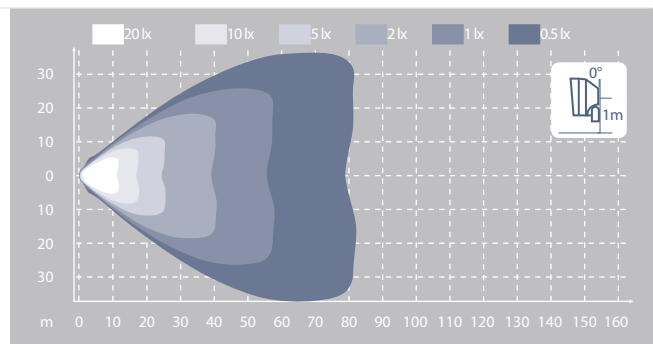
SCORPIUS LED N4406 – Wide Flood

Part No. Operational Voltage
984-036 9-32



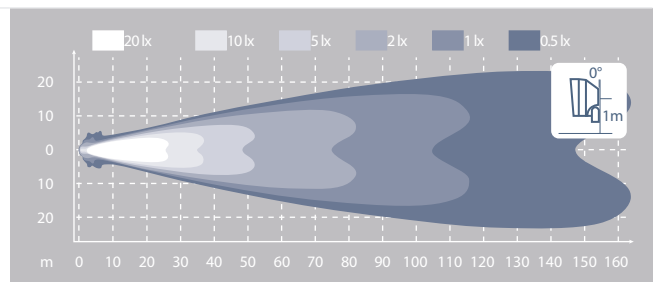
SCORPIUS LED N4406 – Low Beam

Part No. Operational Voltage
984-038 9-32



SCORPIUS LED N4406 – High Beam

Part No. Operational Voltage
984-039 9-32



Nordic Heavy Duty LED

CENTAURUS LED N460

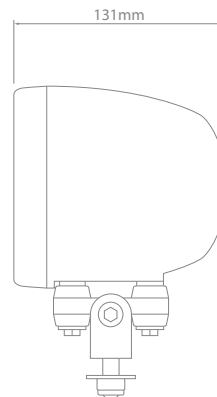
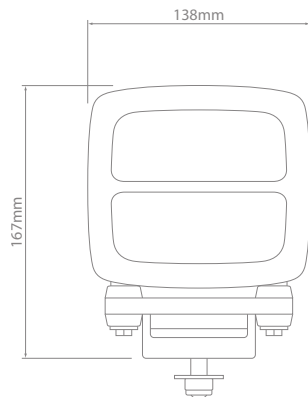


- Multi-voltage.
- Long life LEDs.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Extreme shock resistance.
- Heavy duty anti-vibration mounting system.
- Replaceable lens.
- Rotate lens for pendant mount.
- Deutsch DT connector encapsulated in body.
- 5 year warranty.

Theoretical Lumen Output :	4300lm
Operating Lumen Output :	2700lm
Operational Voltage :	18-32V
Input Current :	2.5A @ 24V
Max Power Consumption :	60 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 2 Pin
Mount :	Single Bolt M10
Shock :	60G
Vibration :	20G rms 24 - 2000Hz
Lens :	PC
Body :	Aluminium
Weight :	2.9kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227
EMC :	ISO 13766, ISO 14982, ISO 7637-2
Operating Temperature :	-40°C to 85°C
Colour Temperature :	6000K
Light Source :	6 x Cree® MC-E (4 chip) LEDs

- 18V
32V
- IP68
- IP
6K9K
- 5Yrs

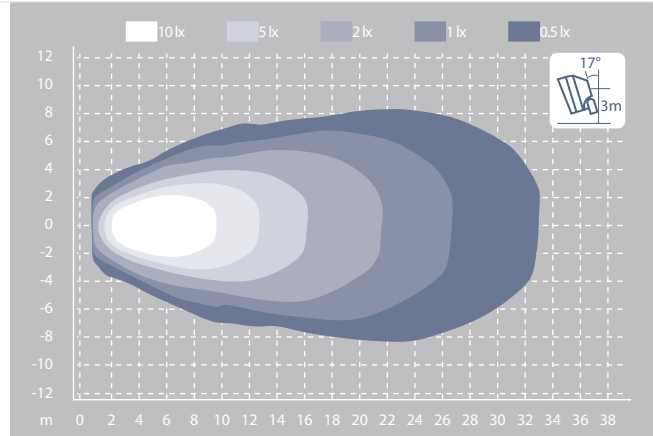
Heavy duty anti-vibration mounting system



Nordic Heavy Duty LED

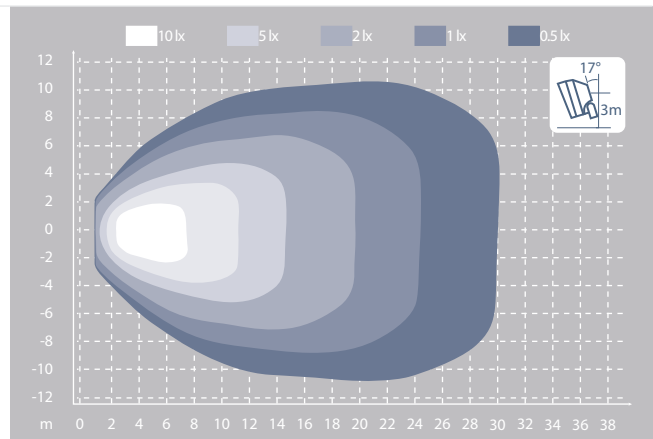
CENTAURUS LED N460 – Flood

Part No. Operational Voltage
986-002 18-32



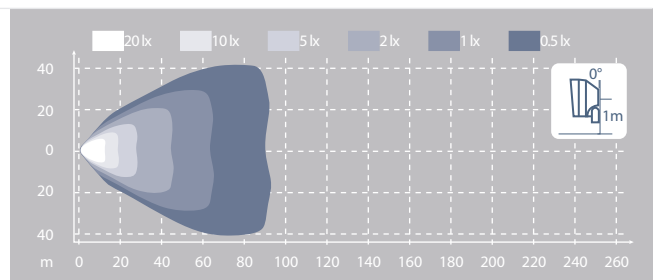
CENTAURUS LED N460 – Wide Flood

Part No. Operational Voltage
986-001 18-32



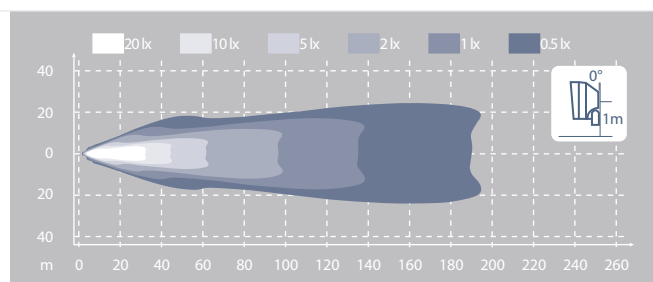
CENTAURUS LED N460 – Low Beam

Part No. Operational Voltage
986-003 18-32



CENTAURUS LED N460 – High Beam

Part No. Operational Voltage
986-004 18-32



Nordic Heavy Duty LED

NEW

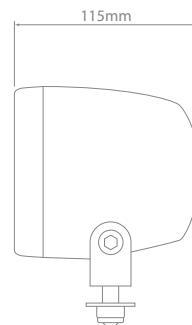
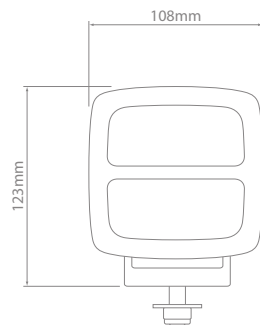
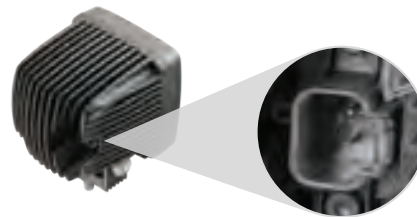
SCORPIUS LED N4402



- Multi-voltage.
- Long life LEDs.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Extreme shock resistance.
- Heavy duty mounting system.
- Replaceable lens.
- Rotate lens for pendant mount.
- Deutsch DT connector encapsulated in body.
- 5 year warranty.

Theoretical Lumen Output :	6700lm
Operating Lumen Output :	4200lm
Operational Voltage :	9-32V
Input Current :	2.1A @ 24V
Max Power Consumption :	50 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 2 Pin
Mount :	Single Bolt M10
Shock :	60G
Vibration :	15.3G rms 24 - 2000Hz
Lens :	PC
Body :	Aluminium
Weight :	1.1kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227 240H
EMC :	ISO 13766, ISO 14982, ISO 7637-2
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5700K
Light Source :	10 x Cree® XML LEDs

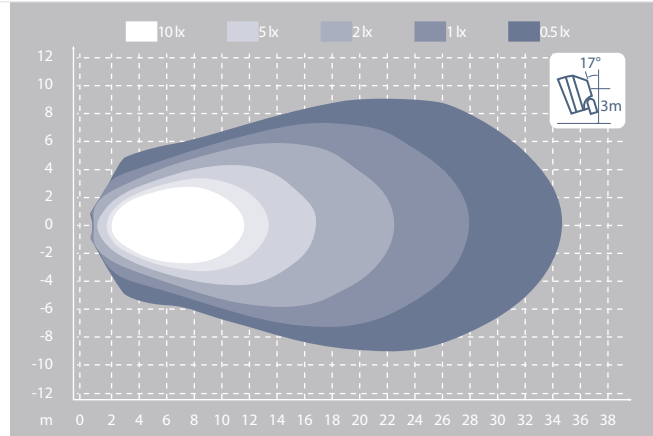
- 9V 32V
- IP68
- IP 6K9K
- 5Yrs



Nordic Heavy Duty LED

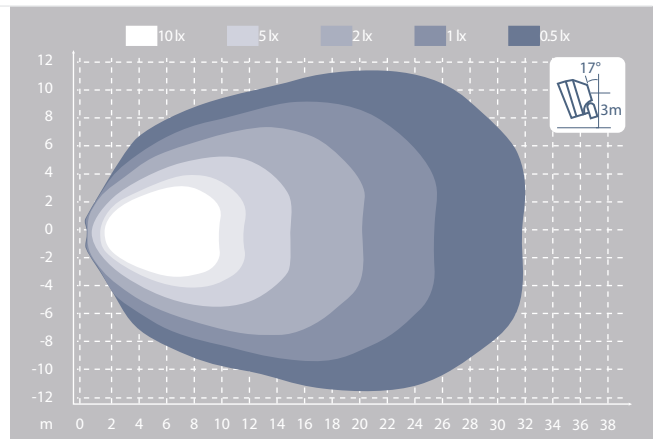
SCORPIUS LED N4402 – Flood

Part No. Operational Voltage
984-102 9-32



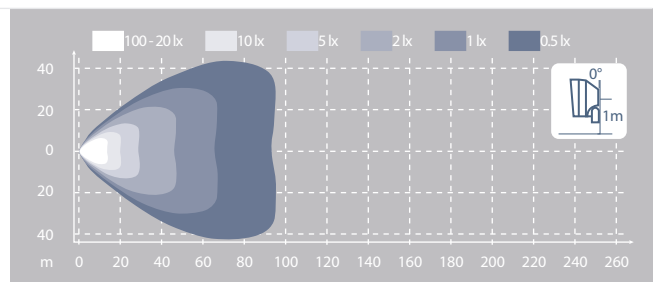
SCORPIUS LED N4402 – Wide Flood

Part No. Operational Voltage
984-101 9-32



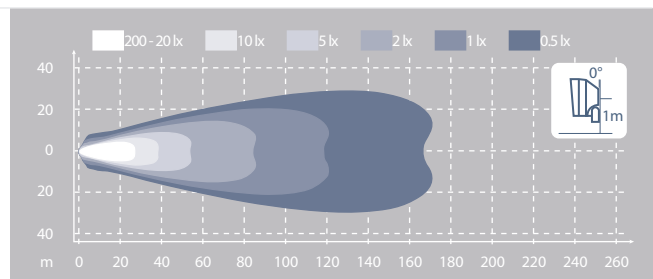
SCORPIUS LED N4402 – Low Beam

Part No. Operational Voltage
984-103 9-32



SCORPIUS LED N4402 – High Beam

Part No. Operational Voltage
984-104 9-32



Nordic Heavy Duty LED

SCORPIUS PRO LED 445

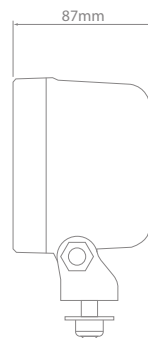
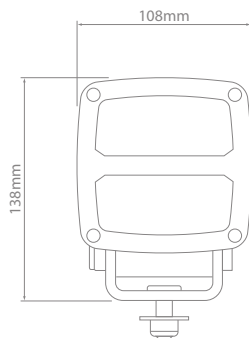
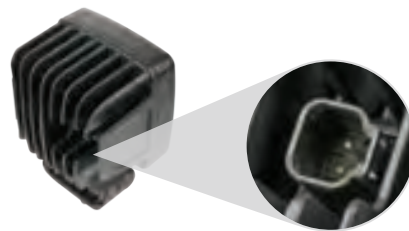
NEW



- Grilamid® lens for exceptional heat resistance.
- Superior electromagnetic compatibility.
- Latest high output LED technology.
- Multi-voltage.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Extreme shock resistance.
- Heavy duty mounting system.
- Replaceable lens.
- Rotate lens for pendant mount.
- Deutsch DT connector encapsulated in body.
- 5 year warranty.

Theoretical Lumen Output :	7000lm
Operating Lumen Output :	4400lm
Operational Voltage :	9-32V
Input Current :	2.1A @ 24V
Max Power Consumption :	50 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 2 Pin
Mount :	Single Bolt M10
Shock :	60G
Vibration :	15.3G rms 24 - 2000Hz
Lens :	Grilamid®
Body :	Aluminium
Weight :	1.1kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227 240H
EMC :	ISO 13766, ISO 14982, ISO 7637-2
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5000K
Light Source :	14 x Nichia NVSWE21AT LEDs

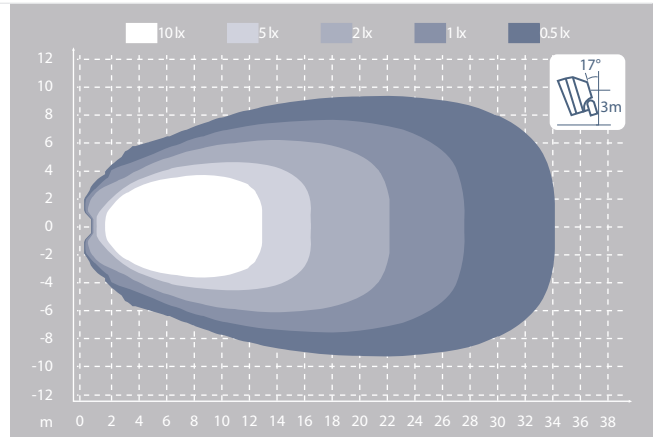
- 9V 32V
- IP68
- IP 6K9K
- 5Yrs



Nordic Heavy Duty LED

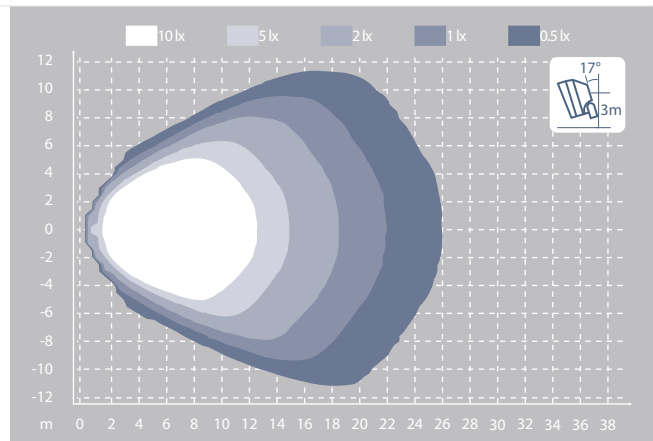
SCORPIUS PRO 445 – Flood

Part No. Operational Voltage
984-701 9-32



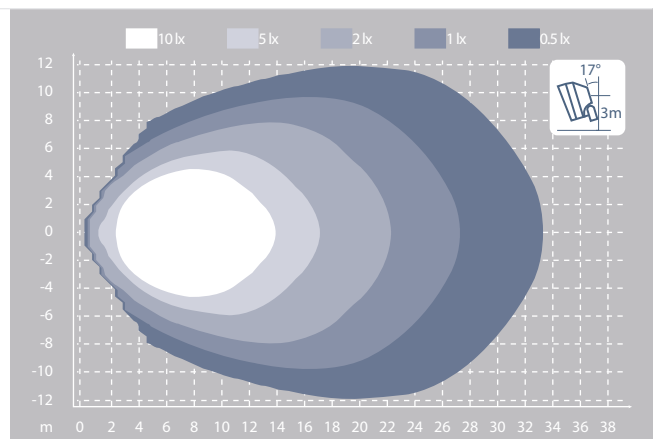
SCORPIUS PRO 445 – Wide Flood

Part No. Operational Voltage
984-703 9-32



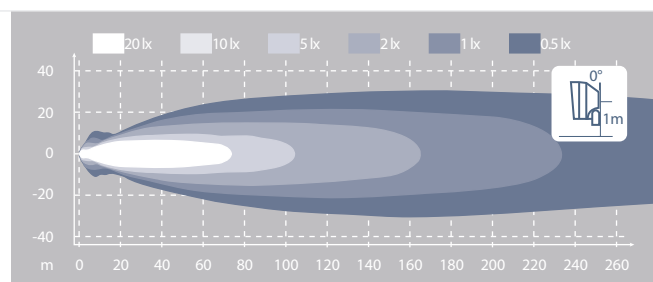
SCORPIUS PRO 445 – Ultra Wide Flood

Part No. Operational Voltage
984-702 9-32



SCORPIUS PRO 445 – Spot

Part No. Operational Voltage
984-704 9-32



Nordic Heavy Duty LED

CENTAURUS LED N4601

NEW



- Superior illumination – 11,500lm.
- Heavy duty QUAKE anti-vibration mounting system.
- Extreme shock resistance.
- Multi-voltage.
- Long life LEDs.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Deutsch DT connector encapsulated in body.
- 5 year warranty.

Theoretical Lumen Output :	11,500lm
Operating Lumen Output :	7,200lm
Operational Voltage :	18–32V
Input Current :	3.5A @ 24V
Max Power Consumption :	85 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 2 Pin
Mount :	1 x Bolt M10
Shock :	60G
Vibration :	15.3G rms 24 – 2000Hz
Lens :	PC
Body :	Aluminium
Weight :	2.5kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227
EMC :	ISO 13766, ISO 14982, ISO 7637-2
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5700K
Light Source :	8 x Lumileds® Luxeon M LEDs

- 18V
32V
- IP68
- IP
6K9K
- 5Yrs

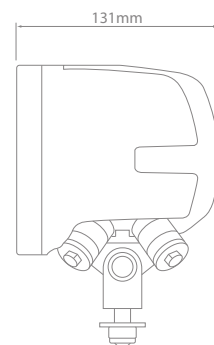
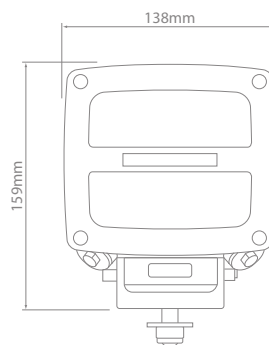
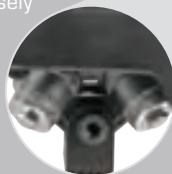
QUAKE Mounting System

The Nordic CENTAURUS LED N4601 worklamp features the revolutionary patented QUAKE heavy duty mounting system.

Incorporating 4 dampeners angled toward the centre axis of the worklamp body, precisely calculated and set to the optimal angle to allow greater shock and vibration resistance.

The angled nature of the dampeners in the QUAKE heavy duty mounting system results in a lower overall height compared to standard mounting systems.

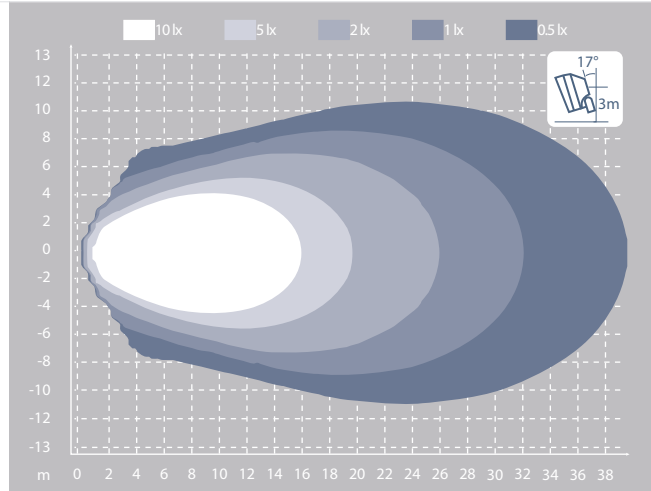
With this system, a worklamp will last longer and can withstand much more punishment reducing maintenance and downtime.



Nordic Heavy Duty LED

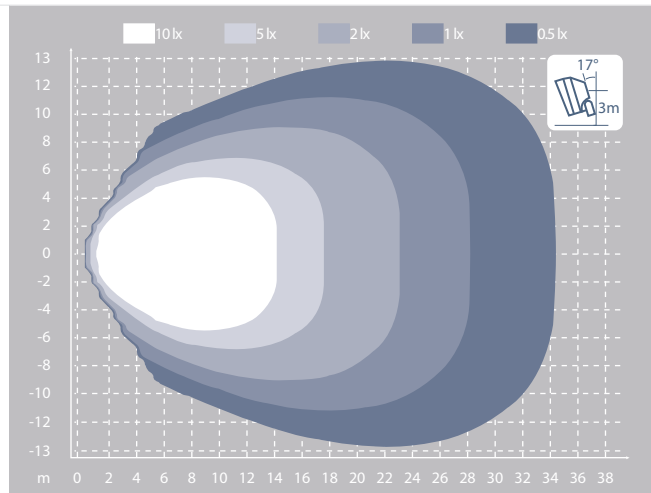
CENTAURUS LED N4601 – Flood

Part No. Operational Voltage
986-102 18-32



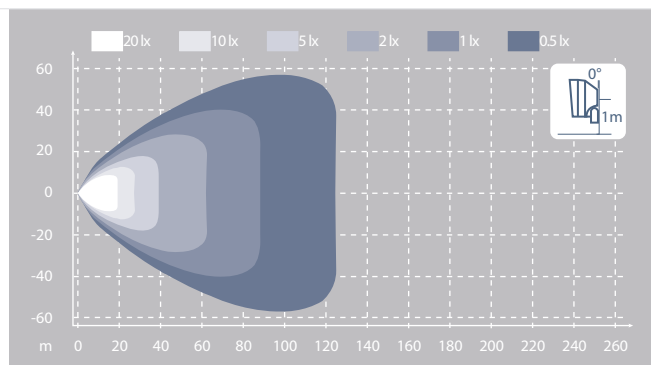
CENTAURUS LED N4601 – Wide Flood

Part No. Operational Voltage
986-101 18-32



CENTAURUS LED N4601 – Low Beam

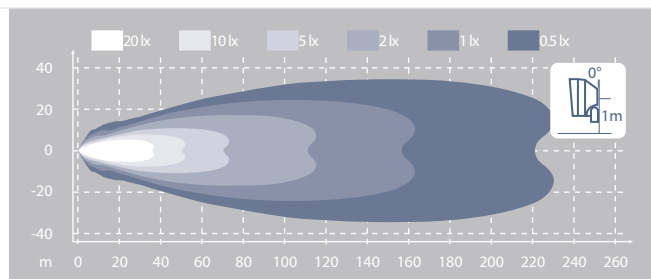
Part No. Operational Voltage
986-103 18-32



CENTAURUS LED N4601 – Spot *

Part No. Operational Voltage
986-104 18-32

* Not recommended for high beam due to extreme brightness.



Nordic Heavy Duty LED

NEW

GEMINI LED N4701

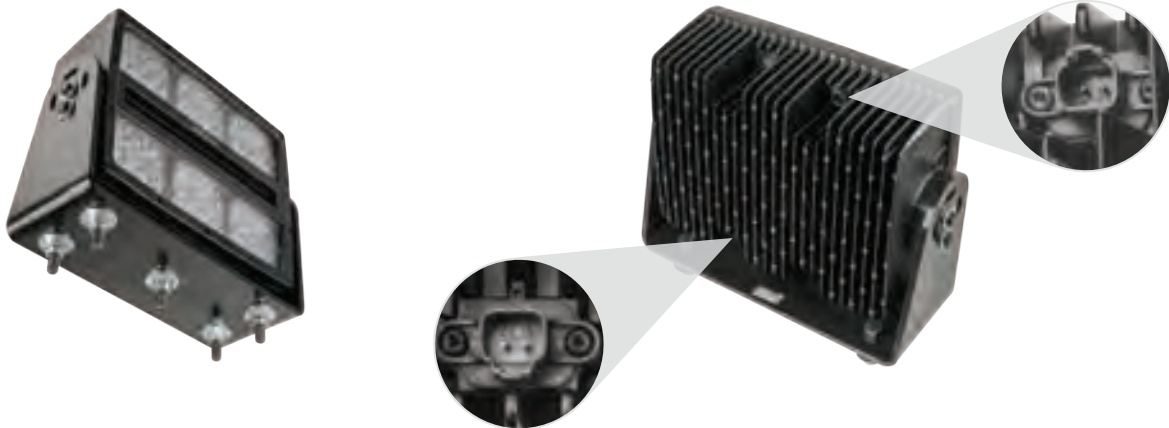


- 18V
32V
- IP68
- IP
6K9K
- 5Yrs

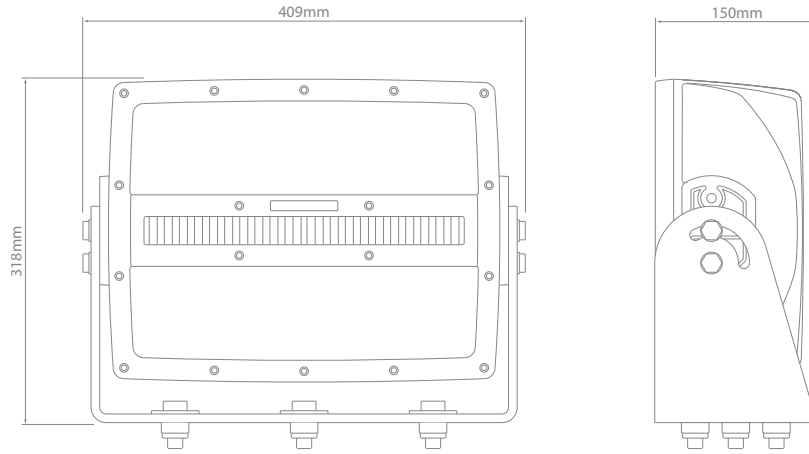
- Ultimate illumination – 40,300lm.
- Long life LEDs.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Replaceable lens.
- Individual connector for upper & lower lamps.
- Deutsch DT connectors encapsulated in body.
- 5 year warranty.

Theoretical Lumen Output :	40,300lm
Operating Lumen Output :	25,200lm
Operational Voltage :	18-32V
Input Current :	12.5A @ 24V
Max Power Consumption :	300 Watts
LED Lifetime :	50,000 Hrs
Connector :	2 x Deutsch DT Series 2 Pin
Mount :	5 x Bolt M14
Lens :	PC
Body :	Aluminium
Weight :	18kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227
EMC :	ISO 13766, ISO 14982, ISO 7637-2
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5700K
Light Source :	60 x Cree® XML-2 LEDs

Non stocked item, lead times apply

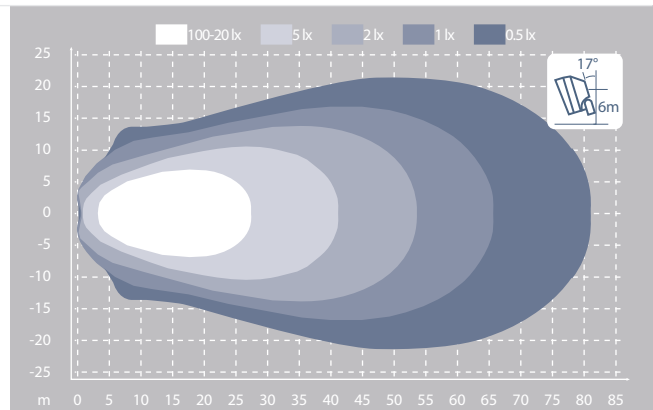


Nordic Heavy Duty LED



GEMINI LED N4701 – Flood

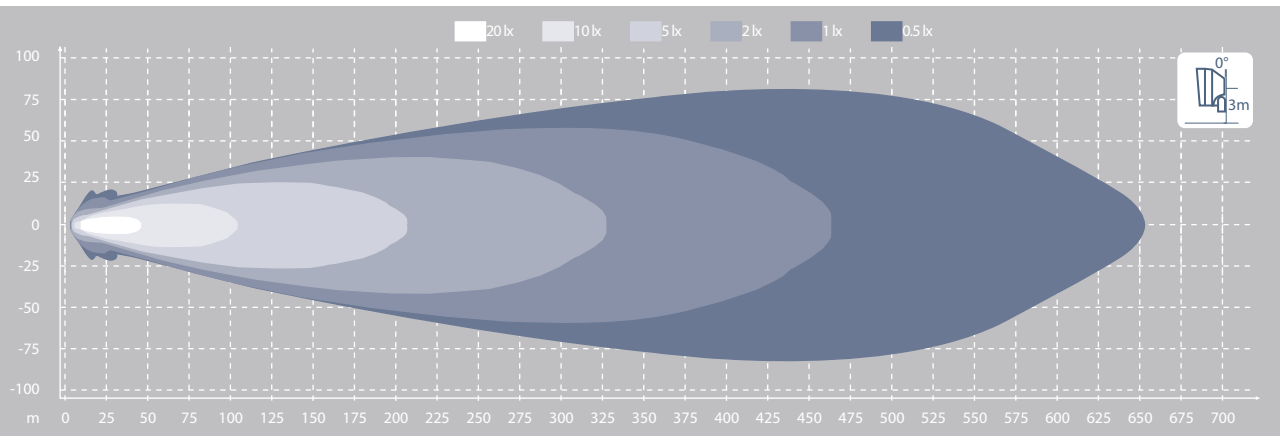
Part No. Voltage
984-401 **24**



GEMINI LED N4701 – Spot *

Part No. Voltage
984-402 **24**

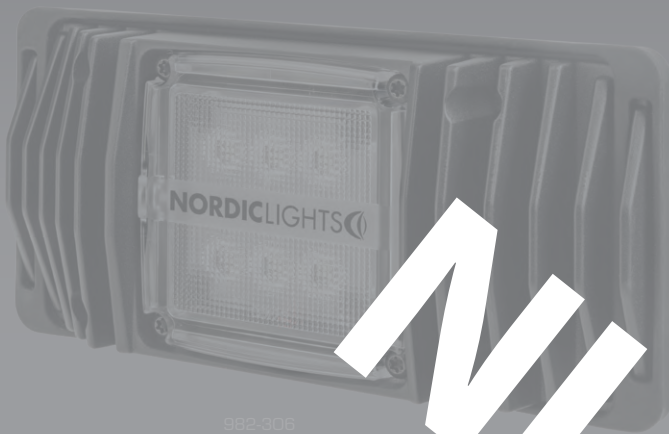
* Not recommended for high beam due to extreme brightness.



Nordic Heavy Duty LED

NEW

KL LED

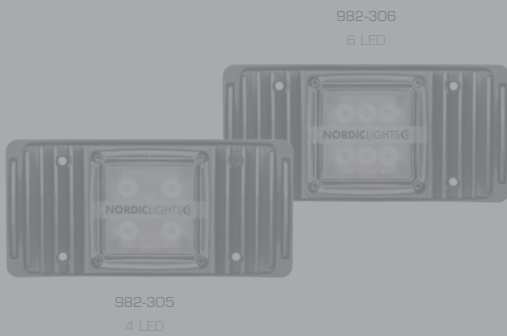


982-306

- Compact surface mount worklamps.
- 4 LED & 6 LED model available.
- Multi-voltage.
- Long life LEDs.
- Extreme shock resistance.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed aluminium body.
- Replaceable lens.
- Deutsch DT connector on fly lead.
- 5 year warranty.

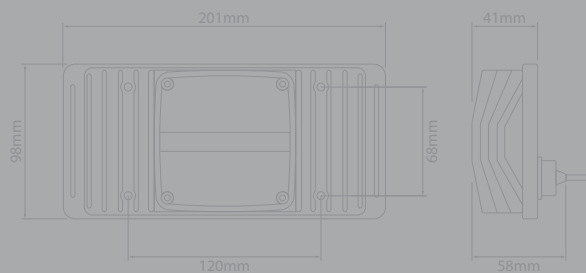
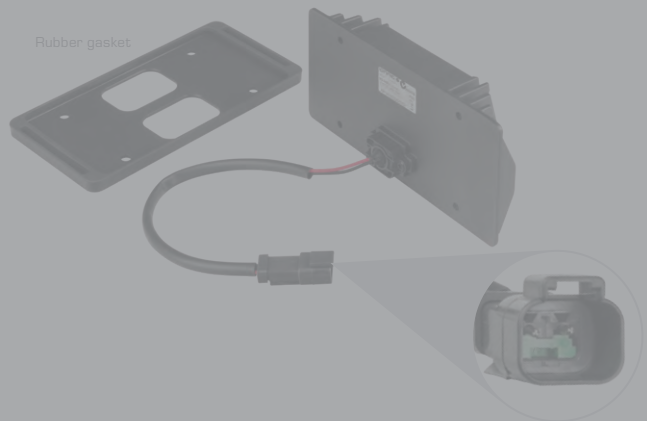
	KL1101	KL1102
Theoretical Lumen Output :	1600lm	2400lm
Operating Lumen Output :	1000lm	1500lm
No. of LEDs :	4	6
Operational Voltage :		9-32V
Input Current :		1.0A @ 24V
Max. Power Consumption :		24 Watts
LED Lifetime :		50,000 Hrs
Connector :	Deutsch DT Series 2 Pin	
Mount :	4 x M5 Bolt	
Shock :	60G	
Vibration :	8G rms 24 - 2000Hz	
Material :	Aluminium	
Weight :	0.5kg	
Ingress Protection :	IP68, IP6K9K	
Anti-Mist :	ISO 9227	
Standards :	ISO 13766, ISO 14982, ISO 7637-2, EN12895	
Operating Temperature :	-40°C to 85°C	
Colour Temperature :	5700K	
LED Type :	Oslon® Square	

- 9V / 32V
- IP68
- IP 6K9K
- 5Yr⁵



982-305
4 LED

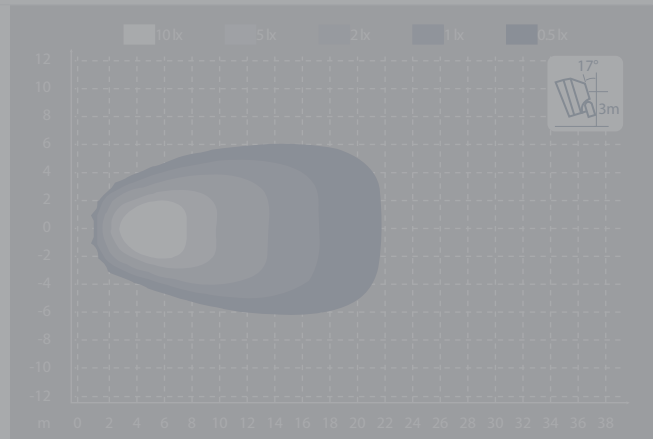
982-306
6 LED



Nordic Heavy Duty LED

KL1101 LED – Flood

Part No. 982-305 Operational Voltage 9-32 No. of LEDs 4



KL1102 LED – Flood

Part No. 982-306 Operational Voltage 9-32 No. of LEDs 6



Nordic Heavy Duty LED

NEW

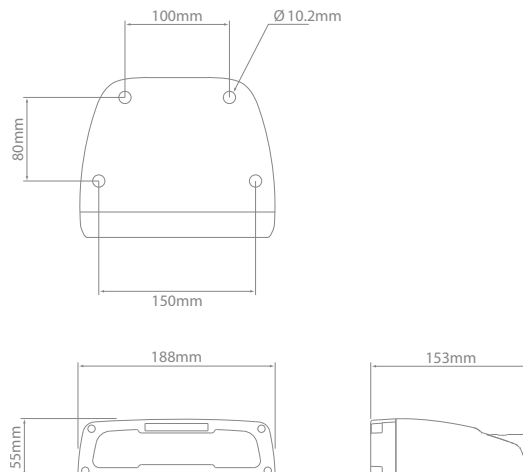
PICTOR LED N7301



- Compact & low profile design.
- Up-Side or Down-Side light dispersion models.
- Multi-voltage.
- Long life LEDs.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Extreme shock resistance.
- Replaceable lens.
- Deutsch DT connector encapsulated in body.
- Ideal for mining, forestry, construction and material handling application.
- Can be mounted on sides of excavator boom.
- 5 year warranty.

Theoretical Lumen Output :	4100lm
Operating Lumen Output :	2600lm
Operational Voltage :	9-32V
Input Current :	1.3A @ 24V
Max Power Consumption :	32 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 2 Pin
Mount :	<i>user supplied</i> 4 x Bolt M8
Shock :	60G
Vibration :	15.3G rms 24 - 2000Hz
Lens :	PC
Body :	Aluminium
Weight :	1.6kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227
EMC :	ISO 13766, ISO 14982, ISO 7637-2
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5700K
Light Source :	6 x Cree® XML-2 LEDs

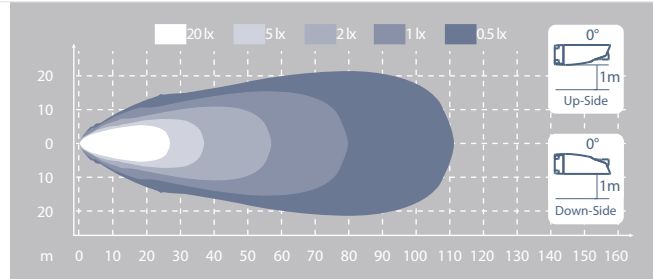
- 9V 32V
- IP68
- IP 6K9K
- 5Yrs



Nordic Heavy Duty LED

PICTOR LED N7301 – Flood

Part No.	Operational Voltage	Light Distribution
987-101	9-32	Up-Side
987-102	9-32	Down-Side



Light Distribution

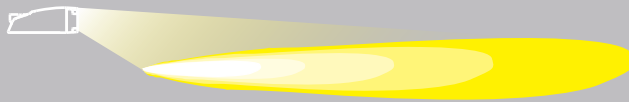
The Nordic PICTOR LED N7301 Worklamp is available in two light patterns – Up-Side or Down-Side. The Up-Side light pattern is diametrically opposed to the Down-Side pattern. Depending on the position and orientation of the mounted worklamp, one light pattern will be more appropriate than the other.

Up-Side light dispersion version

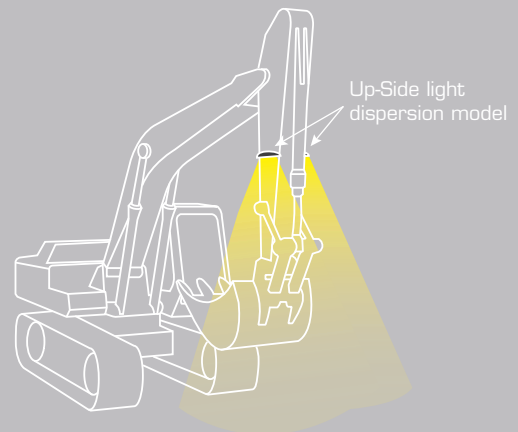


Light is illuminating toward upper side of the worklamp

Down-Side light dispersion version



Light is illuminating toward down side of the worklamp



Nordic Heavy Duty LED

SCULPTOR LED N6001

NEW



- Single bolt mount with over 120° of articulation.
- Modern sleek design.
- Multi-voltage.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Long Life LEDs.
- Extreme shock resistance.
- Heavy duty mounting system.
- Deutsch DT connector encapsulated in body.
- Complies to ADR when positioned correctly on the vehicle.
- 2 year warranty.

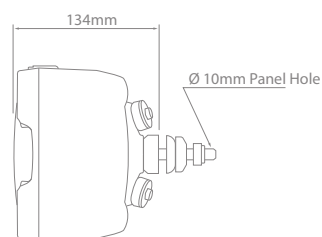
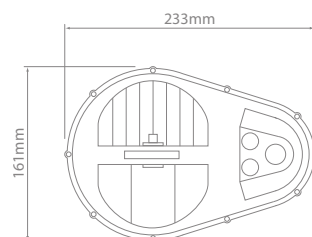
Operational Voltage :	9-32V
Max Power Consumption :	High Beam 44 Watts Low Beam 22 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 6 Pin
Mount :	Single Bolt M10 – Articulated
Shock :	60G
Vibration :	15.3 Grms 24-2000Hz
Lens :	PC
Body :	Aluminium
Weight :	2.5kg
Salt Mist :	ISO 9227 240H
Approvals :	CE, ECE, ADR
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5700K
H/Lamp :	2 x Lumileds® Luxeon Altilon
Indicator :	4 x Lumileds® Luxeon Rebel
Park :	2 x Lumileds® Luxeon Rebel
Ingress Protection :	IP68, IP6K9K



Heavy duty mounting system



Deutsch DT connector encapsulated in body

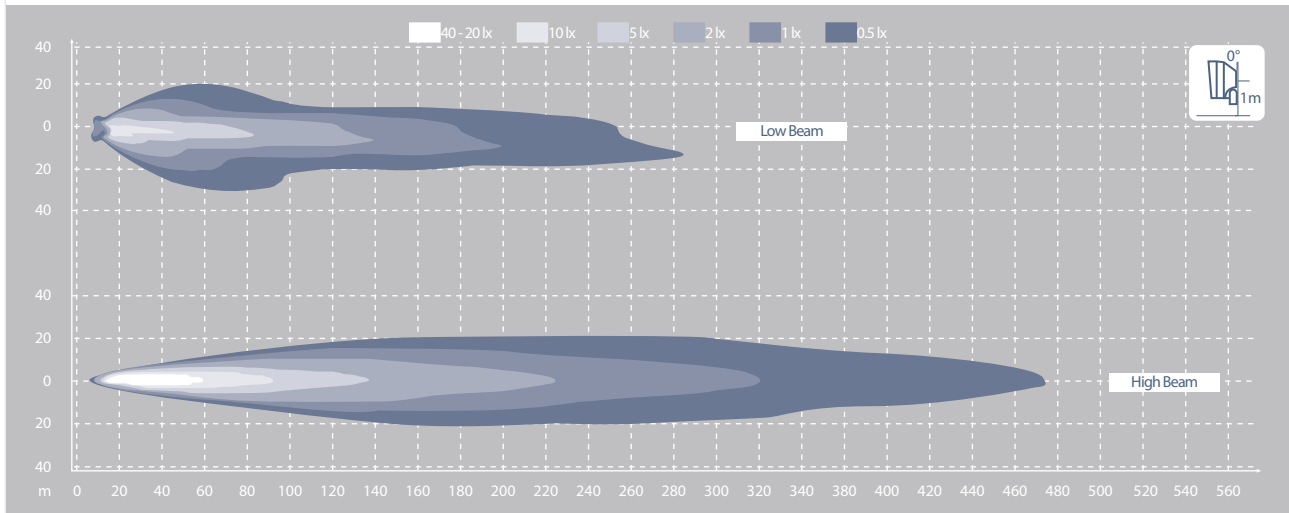


Nordic Heavy Duty LED

SCULPTOR LED N6001

Part No.	Operational Voltage	Position
960-005	9-32	Right
960-006	9-32	Left

Light patterns shown below are of a single headlamp.



Shock & Vibration

Shock and vibration is a major source of damage to worklamps, causing either structural damage or resulting in electrical component failure.

All Nordic Lights worklamps are put through extensive vibration testing in their own state-of-the-art laboratories using an electrodynamic test machine. This in-house testing ensures the entire product range is designed and manufactured to maintain a high working efficiency and long life under the most difficult and demanding of working environments.





Light Output – Theoretical vs Operating

With their luminous efficiency continuing to increase, LEDs have rapidly become the 'MUST HAVE' light source for work lamps of all sizes and utility.

The newer the technology the greater the frequency of confusing and misleading information in the market. This is especially true with LED technology. The most confused of these is the lumen output figures quoted by many manufacturers.



The light output claims made by LED worklamp manufacturers and suppliers should be questioned in detail because often they quote a mathematically calculated lumen figure based upon trigger pulse measurements provided by LED component makers, and have no relationship to a completed product's actual light output, but is a purely theoretical lumen rating that cannot be achieved in real world conditions.



The real light output depends upon many factors including how effective the lamp body is at dissipating heat, plus the quality and the efficiency of the electronics and lens.

To ensure our customers can make a fair and informed decision, Nordic Lights are now presenting both Theoretical and a 'stabilised' Operating Lumen Output value for the entire LED Worklamp range.

e.g. **Theoretical Lumen Output :** 1500lm
Operating Lumen Output : 1000lm

Theoretical is mathematically calculated as explained above. Operating Lumen Output is measured once the work lamp has run for a period of time reaching a stable thermal level and represents a real world lumen output for a lamp used in normal conditions.

High Quality

Designed and manufactured using the same European engineering, attention to detail and high quality components as the Heavy Duty series, the Nordic Lights General Purpose range of LED worklamps offer a cost-effective alternative for general applications, such as service vehicles, 4WD's, trucks or forklifts.



Nordic General Purpose LED

KL1901 LED	38
CANIS GO 410 LED	40
KL2001 LED	42
SCORPIUS GO 420 LED	44
KL1401 LED	46

Nordic General Purpose LED

NEW

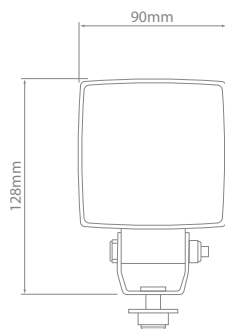
KL1901 LED



- Cost effective, high quality worklamp.
- Compact design.
- Multi-voltage.
- Long life LEDs.
- Low current draw.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Extreme shock resistance.
- Even light pattern without hotspots.
- Deutsch DT connector encapsulated in body.
- 5 year warranty.

Theoretical Lumen Output :	1500lm
Operating Lumen Output :	1000lm
Operational Voltage :	9-32V
Input Current :	0.7A @ 24V
Max Power Consumption :	19 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 2 Pin
Mount :	Single Bolt M8
Shock :	60G
Vibration :	8G rms 24 - 2000Hz
Lens :	Grilamid®
Body :	Aluminium
Weight :	0.5kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227 240H
EMC :	ISO 13766, ISO 14982, ISO 7637-2, EN12895
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5700K
Light Source :	6 x Nichia® NCSWE17AT

- 9V
32V
- IP68
- IP
6K9K
- 5Yr5

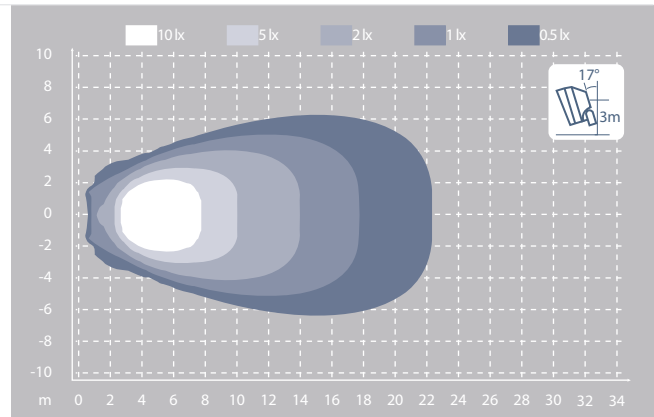


Nordic General Purpose LED

KL1901 LED – Flood

Part No.
988-408

Operational Voltage
9-32



Nordic General Purpose LED

NEW

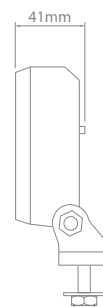
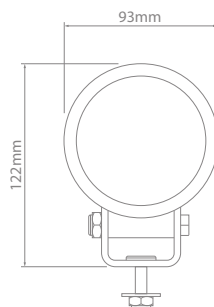
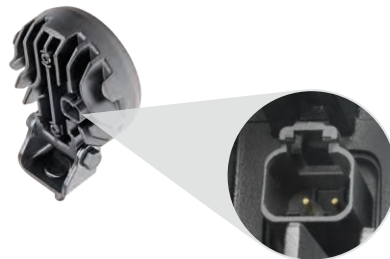
CANIS GO 410 LED



- Cost effective, high quality worklamp.
- Compact design.
- Multi-voltage.
- Long life LEDs.
- Low current draw.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Extreme shock resistance.
- Even light pattern without hotspots.
- Deutsch DT connector encapsulated in body.
- 5 year warranty.

Theoretical Lumen Output :	1600lm
Operating Lumen Output :	1000lm
Operational Voltage :	9-32V
Input Current :	0.6A @ 24V
Max Power Consumption :	16 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 2 Pin
Mount :	Single Bolt M8
Shock :	60G
Vibration :	8G rms 24 - 2000Hz
Lens :	PC
Body :	Aluminium
Weight :	0.4kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227 240H
EMC :	ISO 13766, ISO 14982, ISO 7637-2, EN12895
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5000K
Light Source :	6 x Nichia® NCSWE17AT

- 9V 32V
- IP68
- IP 6K9K
- 5Yr5

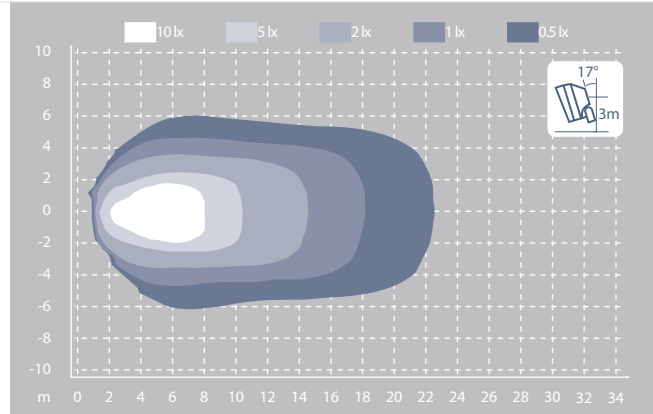


Nordic General Purpose LED

CANIS GO 410 LED – Flood

Part No.
988-102

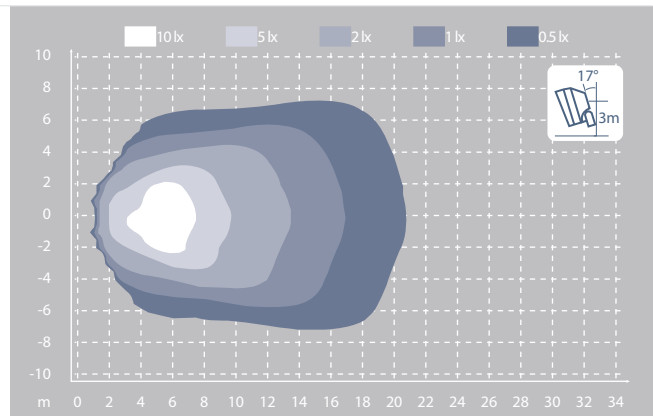
Operational Voltage
9-32



CANIS GO 410 LED – Wide Flood

Part No.
988-101

Operational Voltage
9-32



IONNIC Minebars

The Nordic GO 410 LED Worklamp now available as an option on the latest IONNIC Minebars.
For further information ask your local reseller or visit ionnic.com



Nordic General Purpose LED

NEW

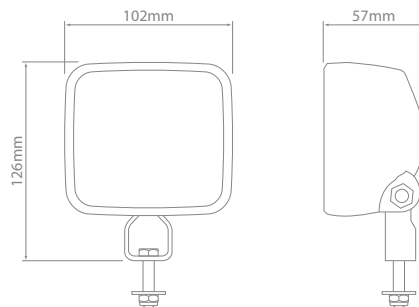
KL2001 LED



- Cost effective, high quality worklamp.
- Compact design.
- Multi-voltage.
- Long life LEDs.
- Low current draw.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Extreme shock resistance.
- Even light pattern without hotspots.
- Deutsch DT connector encapsulated in body.
- 5 year warranty.

Theoretical Lumen Output :	1900lm
Operating Lumen Output :	1200lm
Operational Voltage :	9-32V
Input Current :	0.8A @ 24V
Max Power Consumption :	20 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 2 Pin
Mount :	Single Bolt M8
Shock :	60G
Vibration :	8G rms 24 - 2000Hz
Lens :	PC
Body :	Aluminium
Weight :	0.5kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227 240H
EMC :	ISO 13766, ISO 14982, ISO 7637-2, EN12895
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5700K
Light Source :	6 x Lumileds® Luxeon Z ES

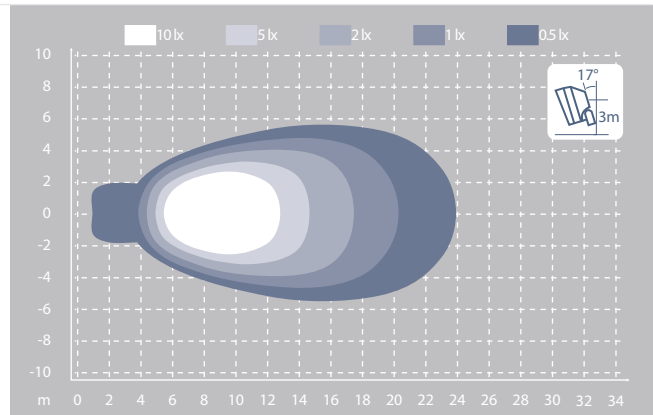
- 9V 32V
- IP68
- IP 6K9K
- 5Yrs



Nordic General Purpose LED

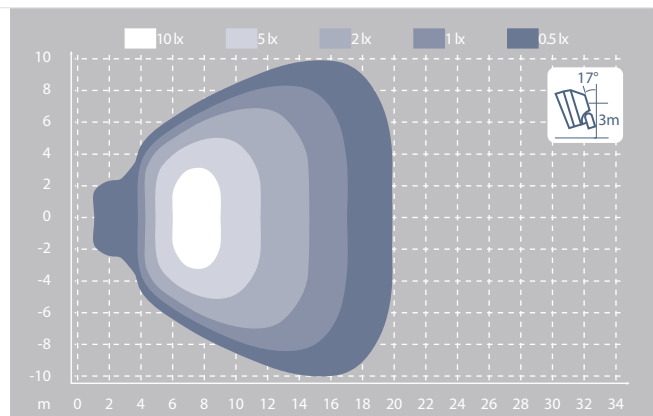
KL2001 LED – Flood

Part No. Operational Voltage
982-609 **9-32**



KL2001 LED – Wide Flood

Part No. Operational Voltage
982-608 **9-32**



Nordic General Purpose LED

SCORPIUS GO 420 LED

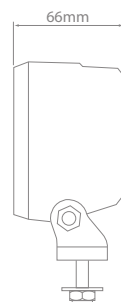
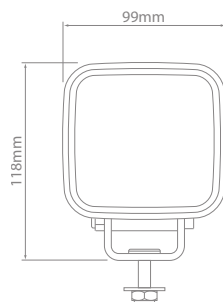
NEW



- Cost effective, high quality worklamp.
- Compact design.
- Multi-voltage.
- Long life LEDs.
- Low current draw.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Extreme shock resistance.
- Even light pattern without hotspots.
- Deutsch DT connector encapsulated in body.
- 5 year warranty.

Theoretical Lumen Output :	2800lm
Operating Lumen Output :	1800lm
Operational Voltage :	9-32V
Input Current :	1A @ 24V
Max Power Consumption :	28 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 2 Pin
Mount :	Single Bolt M8
Shock :	60G
Vibration :	8G rms 24 - 2000Hz
Lens :	PC
Body :	Aluminium
Weight :	0.6kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227 240H
EMC :	ISO 13766, ISO 14982, ISO 7637-2, EN12895
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5000K
Light Source :	6 x Nichia® NVSWE21AT

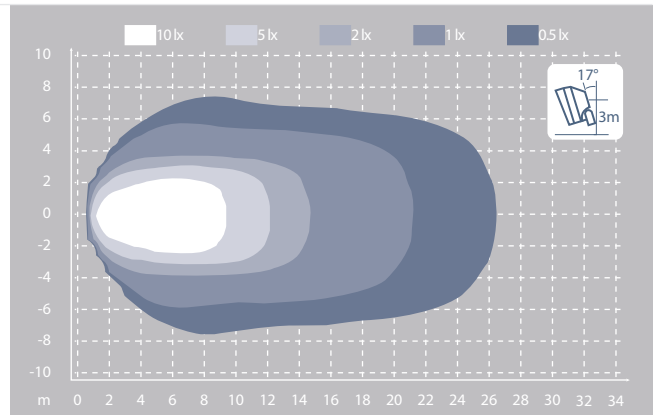
- 9V 32V
- IP68
- IP 6K9K
- 5Yrs



Nordic General Purpose LED

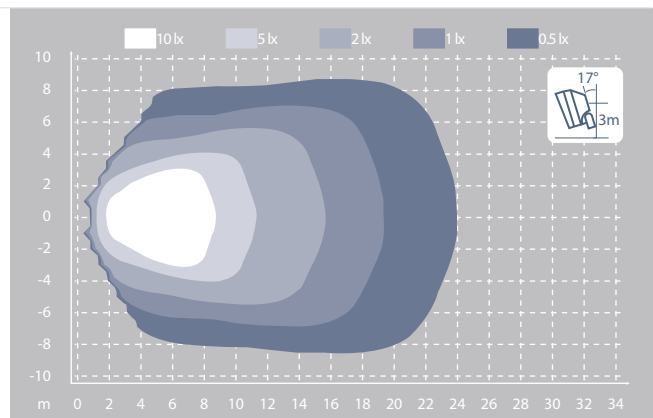
SCORPIUS GO 420 LED – Flood

Part No. Operational Voltage
988-203 9-32



SCORPIUS GO 420 LED – Wide Flood

Part No. Operational Voltage
988-204 9-32



Nordic General Purpose LED

NEW

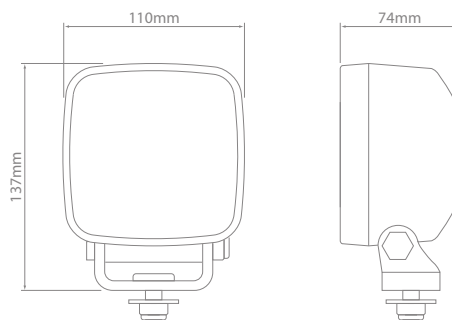
KL1401 LED



- Cost effective, high quality worklamp.
- Multi-voltage.
- Long life LEDs.
- Low current draw.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Extreme shock resistance.
- Even light pattern without hotspots.
- Deutsch DT connector encapsulated in body.
- 5 year warranty.

Theoretical Lumen Output :	3200lm
Operating Lumen Output :	2000lm
Operational Voltage :	9-32V
Input Current :	1.7A @ 24V
Max Power Consumption :	40 Watts
LED Lifetime :	50,000 Hrs
Connector :	Deutsch DT Series 2 Pin
Mount :	Single Bolt M10
Shock :	60G
Vibration :	8G rms 24 - 2000Hz
Lens :	PC
Body :	Aluminium
Weight :	0.9kg
Ingress Protection :	IP68, IP6K9K
Salt Mist :	ISO 9227 240H
EMC :	ISO 13766, ISO 14982, ISO 7637-2, EN12895
Operating Temperature :	-40°C to 85°C
Colour Temperature :	5700K
Light Source :	10 x Lumileds® Luxeon Z ES

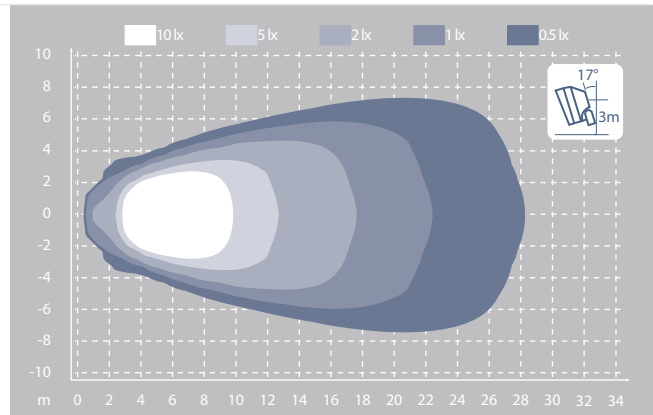
- 9V
32V
- IP68
- IP
6K9K
- 5Yrs



Nordic General Purpose LED

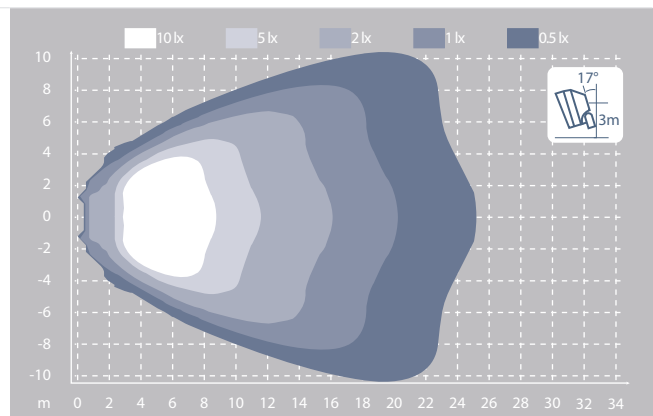
KL1401 LED – Flood

Part No. Operational Voltage
982-804 **9-32**



KL1401 LED – Wide Flood

Part No. Operational Voltage
982-803 **9-32**





Xenon – HID

High Intensity Discharge also known as Gas Discharge offers many technological advantages over conventional halogen lights, such as – higher colour temperature, reduced heat, and considerably longer life.

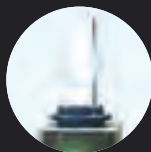
With halogen bulbs up to 70% of the power input is wasted in heat. With the unique no filament gas discharge lamp less power is required and less heat is generated.



One 35W GDL produces as much luminous flux as two standard 100W halogen bulbs, meaning twice the illumination of a 100W halogen for only 1/3 of the power consumption.

This is because the light is produced by an arc in a small gas filled quartz tube, as opposed to passing an electric current through a filament to make it glow. Due to the fact there is no filament to break, the average life of a gas discharge lamp is 5000 hours (*depending upon switching cycle), about 10 times that of a standard halogen bulb.

HID technology also produces a light very similar to daylight in it's colour rendering, making it easier to see and more comfortable on your eyes, reducing strain & increasing safety.



Xenon



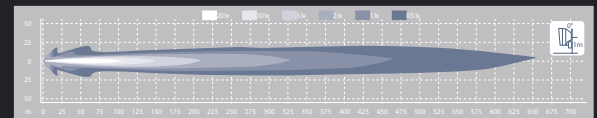
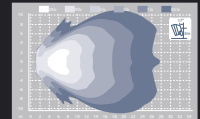
Halogen

Free-Form Optics

Nordic Lights through their expertise in lens and reflector technology offer a range of light patterns to satisfy the varied and specialist lighting requirements of the mining, heavy duty and commercial industries.

Utilising the latest in free-form optics technology Nordic Lights has created a range of HID and Halogen flood and wide flood patterns of greater depth, width and evenness than ever before.

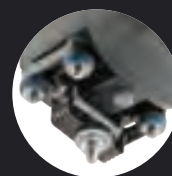
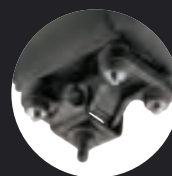
Whatever your lighting requirement, there is a Nordic Lights worklamp to suit your application.



Heavy Duty Mounts

All Nordic HID worklamps are supplied with vibration dampening mounts as standard.

These heavy duty mounting systems absorb vibration & shocks preventing damage to the worklamp and prolonging bulb life.





Nordic Heavy Duty HID

N200 HID 50

N400 HID 52

N45 HID 54

Nordic Heavy Duty HID

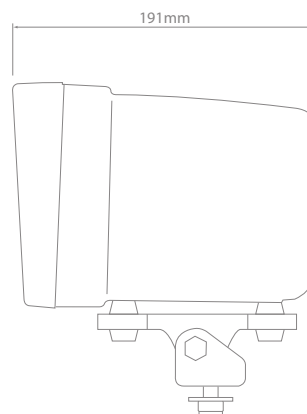
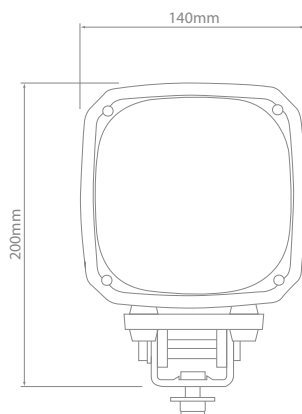
N200 HID



- Heavy duty Xenon discharge bulb.
- Low current draw.
- Over voltage, over temperature, spike & polarity protected.
- Heavy duty anti-vibration mounting system.
- Extreme shock resistance.
- Free-Form optics for superior light dispersion.
- Close to daylight colour temperature for reduced eye strain & increased safety.
- Replaceable lens.
- Rotate lens for pendant or side mount.
- Environmentally sealed cast alloy body.
- Hermetically sealed ballast.
- Deutsch DT connector encapsulated in body.

Voltage :	24V
Start Up :	2.9A
Input Current :	1.7A
Ballast :	35W Integrated – Epoxy Encapsulated
Connector :	Deutsch DT Series 2 Pin
Mount :	Single Bolt M10
Shock :	60G
Vibration :	20G rms 24 – 2000Hz
Lens :	Hardened Glass
Body :	Aluminium
Weight :	2.4kg
Ingress Protection :	IP68
Salt Mist :	ISO 9227
EMC :	ISO 13766
Operating Temperature :	-40°C to 85°C
Colour Temperature :	4250K
Tube :	35W D2S

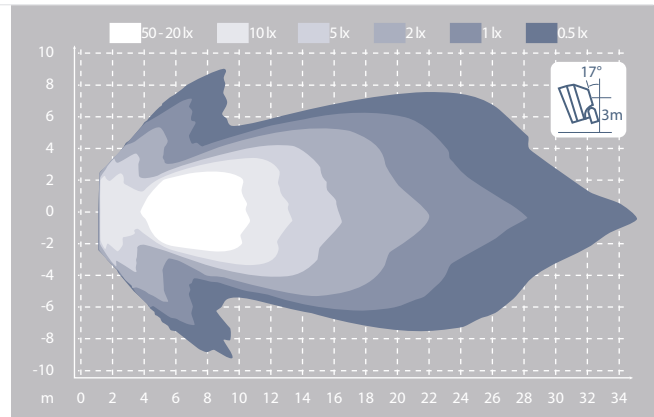
IP68



Nordic Heavy Duty HID

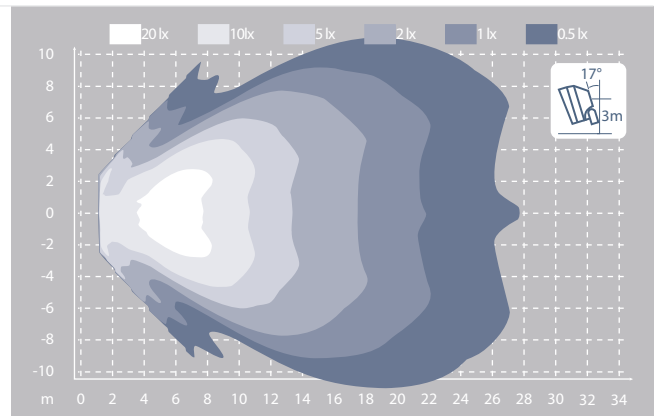
N200 HID – Flood

Part No. Voltage
991-204 **24**



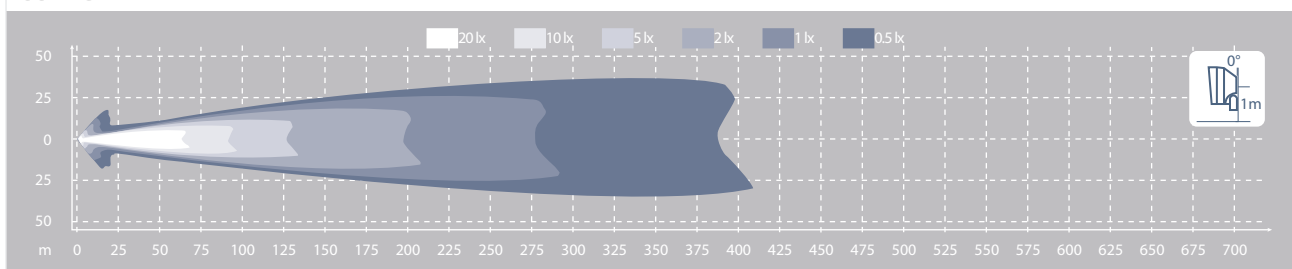
N200 HID – Wide Flood

Part No. Voltage
991-203 **24**



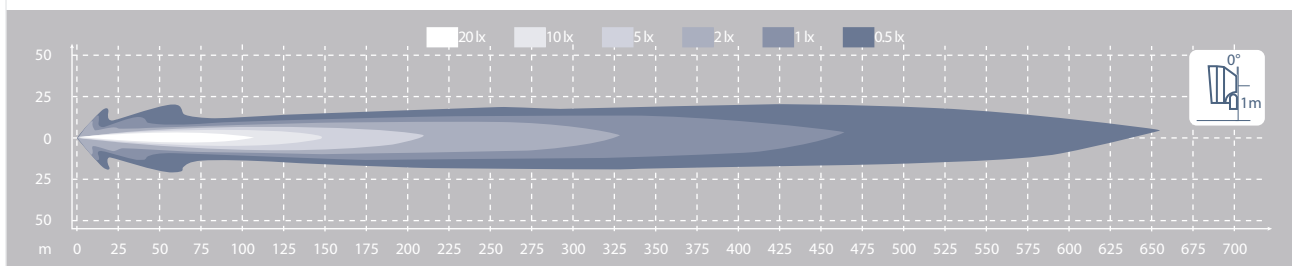
N200 HID – Low Beam

Part No. Voltage
991-201 **24**



N200 HID – High Beam (Spot)

Part No. Voltage
991-202 **24**



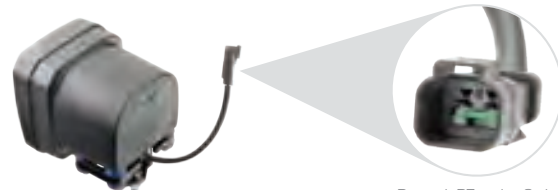
Nordic Heavy Duty HID

N4000 HID

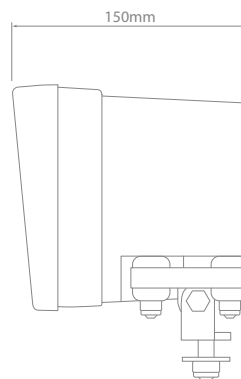
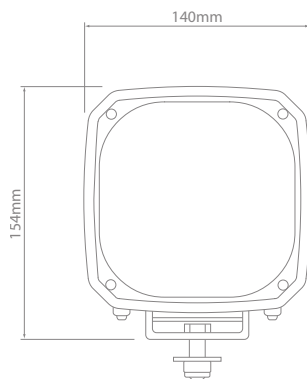


- Heavy duty Xenon discharge bulb.
- Low current draw.
- Over voltage, over temperature, spike & polarity protected.
- Heavy duty anti-vibration mounting system.
- Free-Form optics for superior light dispersion.
- Close to daylight colour temperature for reduced eye strain & increased safety.
- Replaceable lens.
- Rotate lens for pendant or side mount.
- Environmentally sealed body.
- Gore filter technology to prevent ingress.
- Ballast encapsulated in body.
- Deutsch DT connector on fly lead.

Voltage :	12V	24V
Start Up :	6A	2.9A
Input Current :	3A	1.5A
Ballast :	35W Integrated	
Connector :	Deutsch DT Series 2 Pin	
Mount :	Single Bolt M10	
Shock :	50G	
Vibration :	15.3G rms 24 – 2000Hz	
Lens :	Hardened Glass	
Body :	Glass Fibre Reinforced Polyamide	
Weight :	1.3kg	
Ingress Protection :	IP68, IP6K9K	
Salt Mist :	ISO 9227	
EMC :	ISO 13766	
Operating Temperature :	-40°C to 85°C	
Colour Temperature :	4250K	
Tube :	35W D1S	



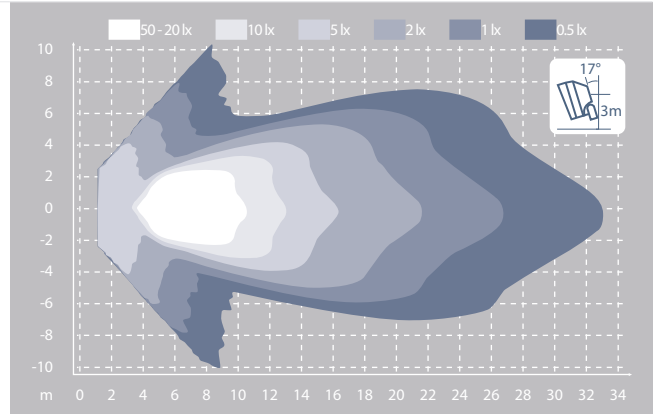
Deutsch DT series 2 pin connector on fly lead



Nordic Heavy Duty HID

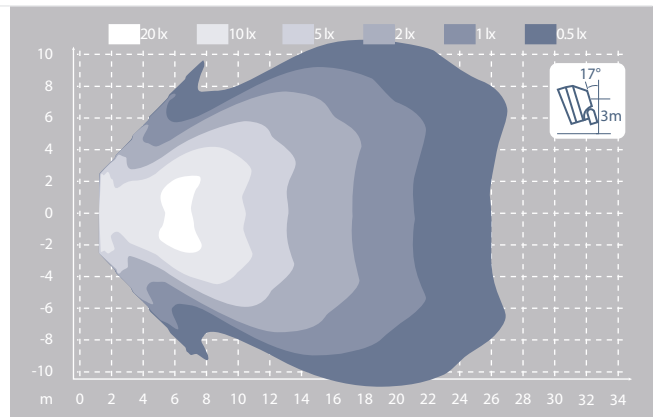
N400 HID – Flood

Part No.	Voltage	Lens Colour
994-004	12	Clear
994-204	24	Clear
994-208	24	Amber
994-249	24	Red



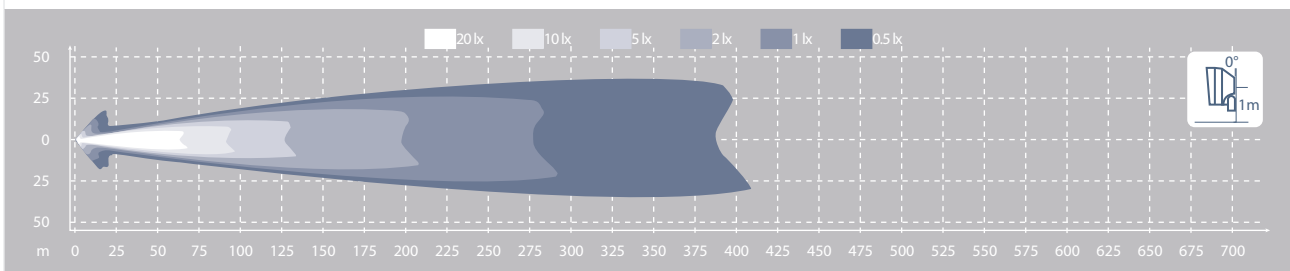
N400 HID – Wide Flood

Part No.	Voltage
994-003	12
994-203	24



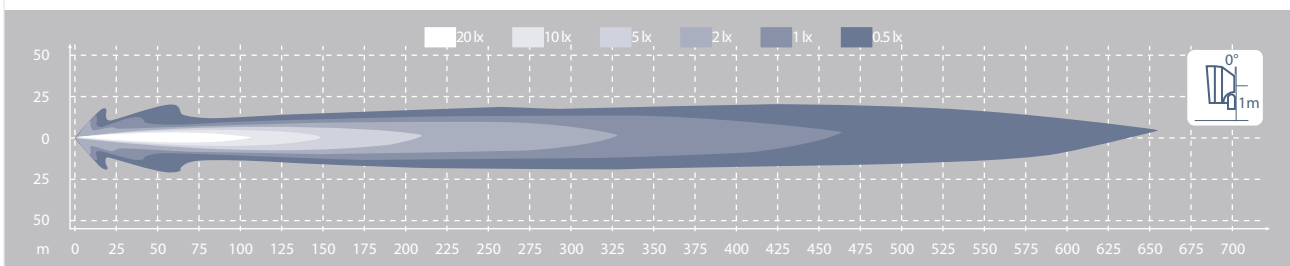
N400 HID – Low Beam

Part No.	Voltage
994-001	12
994-201	24



N400 HID – High Beam (Spot)

Part No.	Voltage
994-002	12
994-202	24



Nordic Heavy Duty HID

N45 HID



- High output 45W ballast produces 60% more light compared to standard ballasts.
- Heavy duty Xenon discharge bulb.
- Low current draw.
- Over voltage, over temperature, spike & polarity protected.
- Heavy duty anti-vibration mounting system.
- Free-Form optics for superior light dispersion.
- Replaceable lens.
- Rotate lens for pendant mount.
- Environmentally sealed cast alloy body.
- Gore filter technology to prevent ingress.
- Ballast encapsulated in body.
- Deutsch DT connector encapsulated in body.

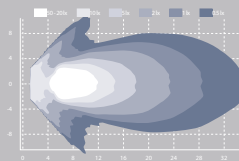
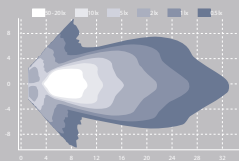
Voltage :	12V	24V
Start Up :	8A	3.5A
Input Current :	3A	1.5A
Ballast :	45W Integrated	
Connector :	Deutsch DT Series 2 Pin	
Mount :	Single Bolt M10	
Shock :	50G	
Vibration :	15.3G rms 24 – 2000Hz	
Lens :	Hardened Glass	
Body :	Aluminium	
Weight :	1.1kg	
Ingress Protection :	IP68, IP6K9K	
Salt Mist :	ISO 9227	
EMC :	ISO 13766	
Operating Temperature :	-40°C to 85°C	
Colour Temperature :	4250K	
Tube :	35W D1S	



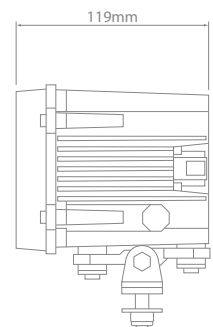
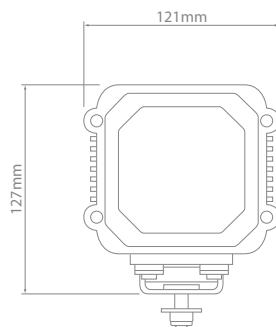
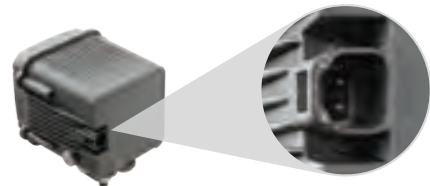
Small Lamp, Big Output

N400 HID

N45 HID



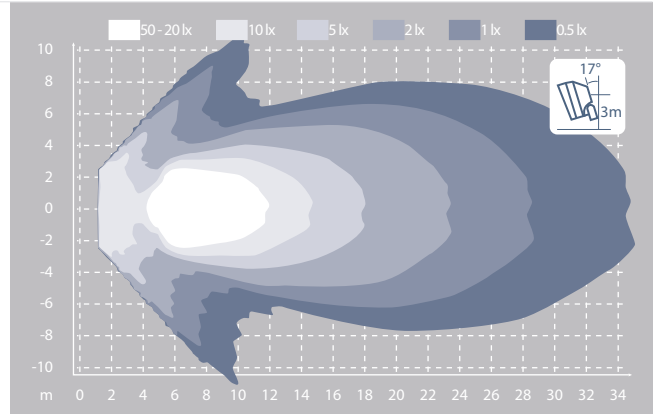
Although substantially smaller in size than the N400 HID, the N45 HID manages to produce a comparable light pattern due to the boosted 45W ballast.



Nordic Heavy Duty HID

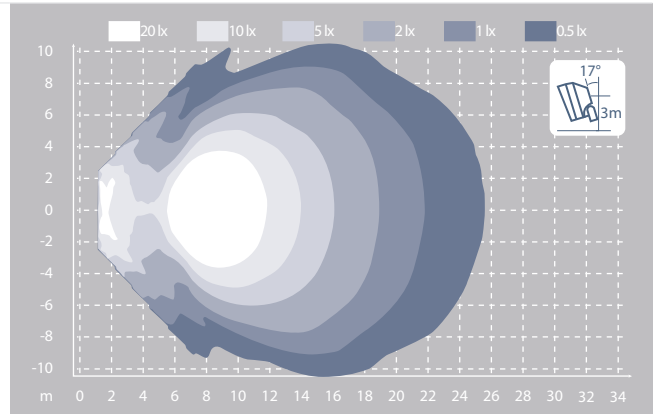
N45 HID – Flood

Part No.	Voltage
990-058	12
990-039	24



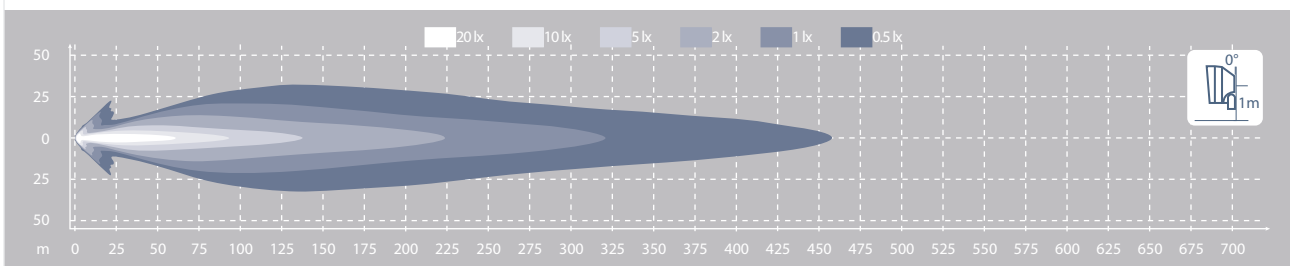
N45 HID – Wide Flood

Part No.	Voltage
990-054	12
990-040	24



N45 HID – High Beam (Spot)

Part No.	Voltage
990-059	12
990-038	24



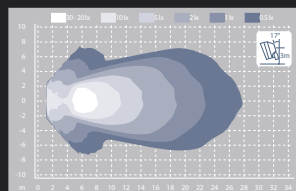


Free-Form Optics

Nordic Lights through their expertise in lens and reflector technology offer a range of light patterns to satisfy the varied and specialist lighting requirements of the mining, heavy duty and commercial industries.

Utilising the latest in free-form optics technology Nordic Lights has created a range of HID and Halogen flood and wide flood patterns of greater depth, width and evenness than ever before.

Whatever your lighting requirement, there is a Nordic Lights worklamp to suit your application.



Heavy Duty Bulb

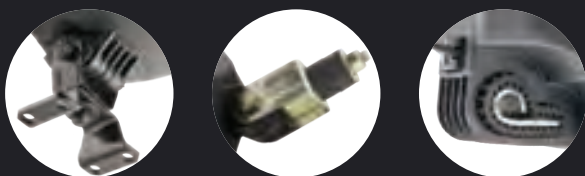
Nordic halogen worklamps use only high quality heavy duty bulbs supplied from the one of the world's leading manufacturers. These bulbs have been specifically designed to endure high levels of vibration which commonly occurs in mining and construction vehicles.



Heavy Duty Mounts

Most Nordic Halogen worklamps are supplied with vibration dampening mounts as standard.

These heavy duty mounting systems absorb vibration & shocks preventing damage to the worklamp and prolonging bulb life.



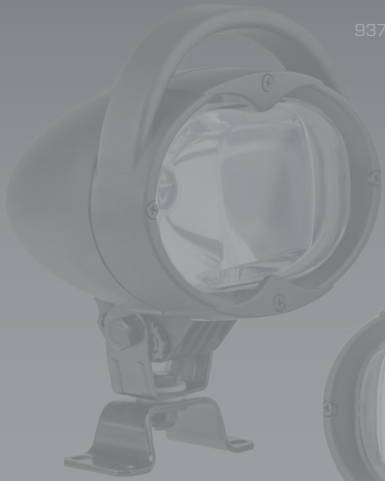


Nordic Heavy Duty Halogen

N300	58
N200	60
N100	62
N25	64
N500	66

Nordic Heavy Duty Halogen

N300



937-100



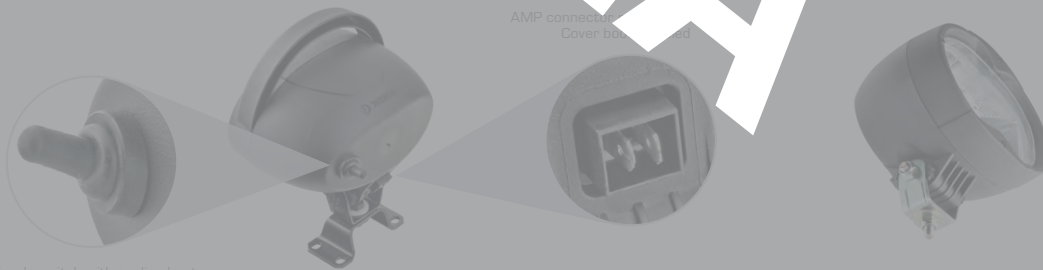
937-101

- Free-Form optics for superior light dispersion.
- Single or twin beam models.
- Heavy duty anti-vibration mount.
- N300 with Handle version features HD swivel base for easy adjustment.
- Environmentally sealed body.
- AMP connector moulded into body. Cover boot supplied.
- Optional powder coated steel protective grille.

Voltage :	12V	24V
Max. Wattage :	55W	70W
Input Current :	4.6A (Twin x 2)	2.7A (Twin x 2)
Connector :	AMP	
Switch :	N300 with Handle	Toggle with Boot
Mount :	Single Bolt M8	
	N300 with Handle	4 Bolt M6 Swivel
Vibration :	8G rms 24 - 2000Hz	
Lens :	Hardened Glass	
Body :	Glass Fibre Reinforced Polyamide	
Weight :	0.7kg	
Ingress Protection :	IP67	
Operating Temperature :	-40°C to 85°C	
Colour Temperature :	3200K	
Light Source :	Halogen H3 Bulb	

IP67

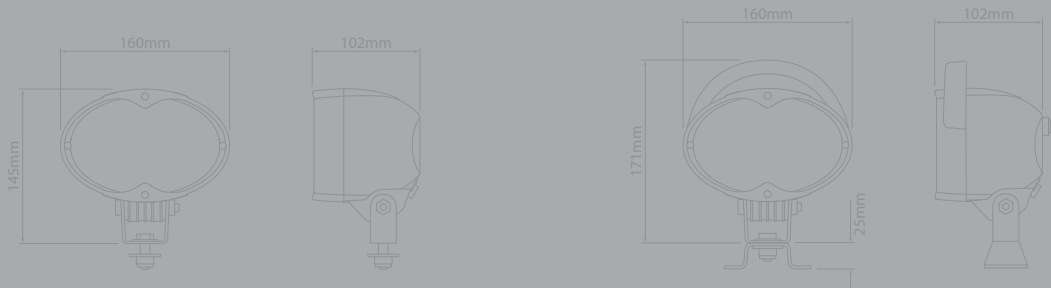
MILA



Toggle switch with sealing boot (N300 with Handle only)

AMP connector
Cover boot supplied

Optional powder coated steel protective grille

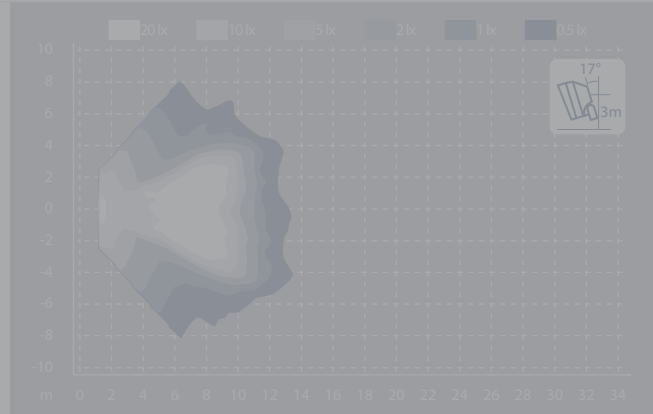


Nordic Heavy Duty Halogen

N300 – Single Beam

Part No.	Voltage	With Handle
937-003	12	—
937-004	24	—
937-100 *	N/A	Yes

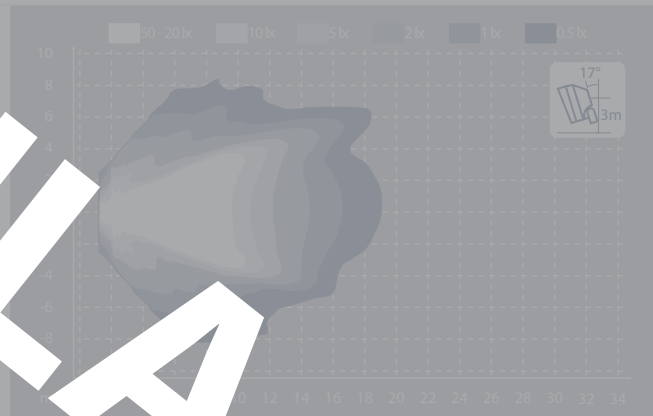
* Bulbs sold separately.



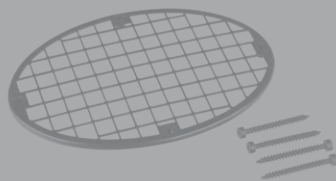
N300 – Twin Beam

Part No.	Voltage	With Handle
930-003	12	—
930-004	24	—
930-100 *	N/A	Yes

* Bulbs sold separately.



NCLA



N300 – Accessories

Part No.	Description
906-221	Powder Coated Steel Protective Grille



Nordic Heavy Duty Halogen

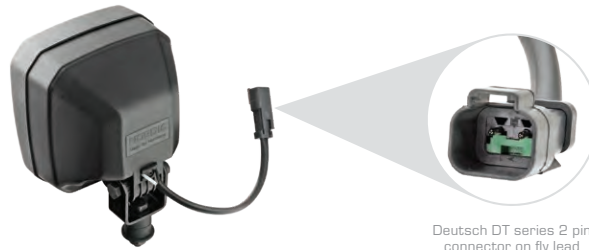
N200



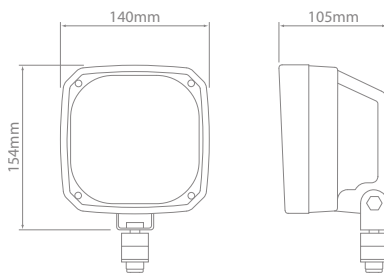
- Free-Form optics for superior light dispersion.
- Heavy duty anti-vibration mounting system.
- Environmentally sealed body.
- Pre-fitted heavy duty 1000hr bulb.
- Rotate lens for pendant or side mount.
- 'O' ring seal to stop dust & water ingress.

IP67

Voltage :	12V	24V
Max. Wattage :	55W	70W
Input Current :	4.6A	2.7A
Mount :	Single Bolt M8 or M10	
Vibration :	8G rms 24 – 2000Hz	
Lens :	Hardened Glass	
Body :	Glass Fibre Reinforced Polyamide	
Weight :	0.5kg	
Ingress Protection :	IP67	
Salt Mist :	ISO 9227 240H	
Operating Temperature :	-40°C to 85°C	
Colour Temperature :	3200K	
Light Source :	Halogen H3 Bulb	



Deutsch DT series 2 pin connector on fly lead

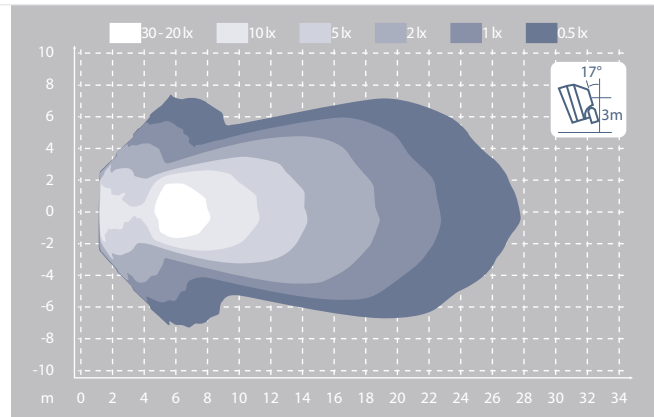


Nordic Heavy Duty Halogen

N200 – Flood

Part No.	Voltage	Connector Type
102155	24	Deutsch

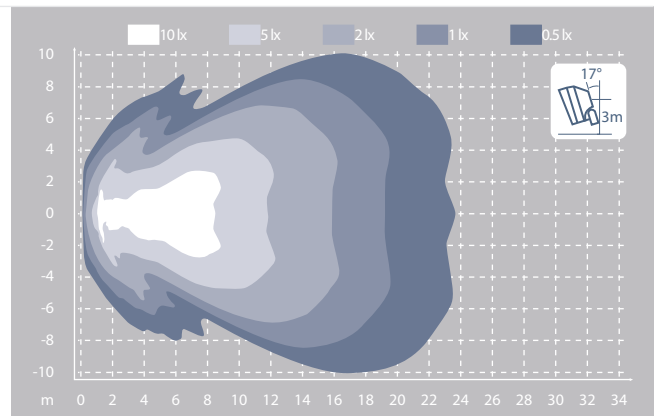
M10 x 45mm mounting bolt with rubbers.



N200 – Wide Flood

Part No.	Voltage	Connector Type
102176	24	Deutsch
102186	12	Deutsch

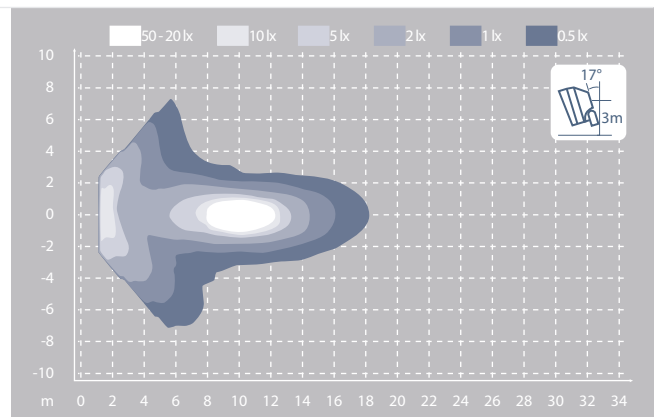
M8 x 45mm mounting bolt with rubbers.



N200 – Spot (High Beam)

Part No.	Voltage	Connector Type
102114	24	Deutsch
102115	12	Deutsch

M10 x 45mm mounting bolt with rubbers.



Nordic Heavy Duty Halogen

N100



102141



100157

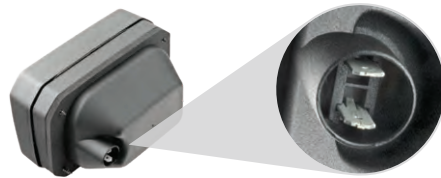
IP67

- Free-Form optics for superior light dispersion.
- Heavy duty anti-vibration mounting system.
- Environmentally sealed body.
- Pre-fitted heavy duty 1000hr bulb.
- 'O' ring seal to stop dust & water ingress.
- Multiple connection types.

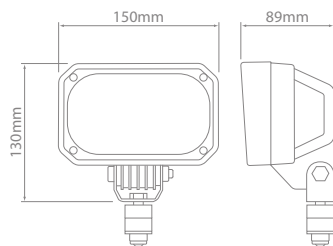
Voltage :	12V	24V
Max. Wattage :	55W	70W
Input Current :	4.6A	2.7A
Mount :	Single Bolt M8 / M10 / Flush Mount	
Vibration :	<i>ex. side mount</i> 8G rms 24 – 2000Hz	
Lens :	Hardened Glass	
Body :	Glass Fibre Reinforced Polyamide	
Weight :	0.5kg	
Ingress Protection :	IP67	
Operating Temperature :	-40°C to 85°C	
Colour Temperature :	3200K	
Light Source :	Halogen H3 Bulb	



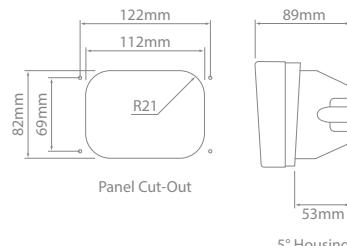
Deutsch DT series 2 pin connector on fly lead



2 x 6.3mm Blade terminals on 5° housing model



Vertical / Pendant Mount



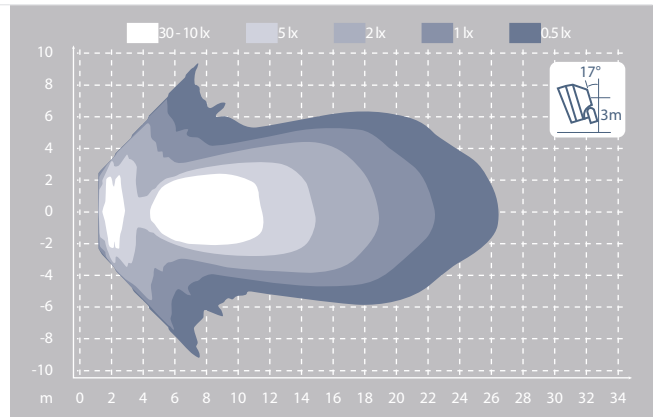
Flush Mount

Nordic Heavy Duty Halogen

N100 Single Beam – Flood

Part No.	Voltage	Mount Position	Connector Type
100157	N/A	Flush – 5°	Blade
102150	N/A	Vertical	Deutsch
102141	12	Vertical	Deutsch
102143	24	Vertical	Deutsch

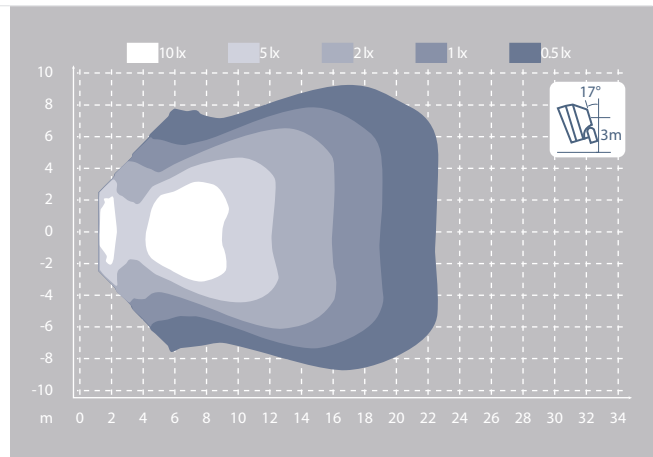
M8 x 45mm mounting bolt with rubbers.
 Flush mount supplied with sealing gasket & without bulb.



N100 Single Beam – Wide Flood

Part No.	Voltage	Mount Position	Connector Type
102140	N/A	Vertical	Deutsch

M8 x 45mm mounting bolt with rubbers.



Nordic Heavy Duty Halogen

N25



- Free-Form optics for superior light dispersion.
- Heavy duty anti-vibration mounting system.
- Environmentally sealed body.
- Rotate lens for pendant or side mount.
- ADR compliant reverse lamp model available.

IP67

Voltage :	12V	24V
Max. Wattage :	55W	70W
Input Current :	4.6A	2.7A
Mount :	Single Bolt M8	
Vibration :	8G rms 24 – 2000Hz	
Lens :	Hardened Glass	
Body :	Polyamide	
Weight :	0.5kg	
Ingress Protection :	IP67	
Operating Temperature :	-40°C to 85°C	
Colour Temperature :	3200K	
Light Source :	Halogen H3 Bulb	



M8 x 45mm mounting bolt with rubbers

AMP connector moulded into body. Cover boot supplied



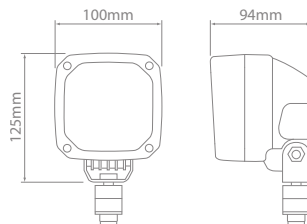
M8 x 45mm mounting bolt



Deutsch DT series 2 pin connector on fly lead



Rotate lens for pendant or side mount

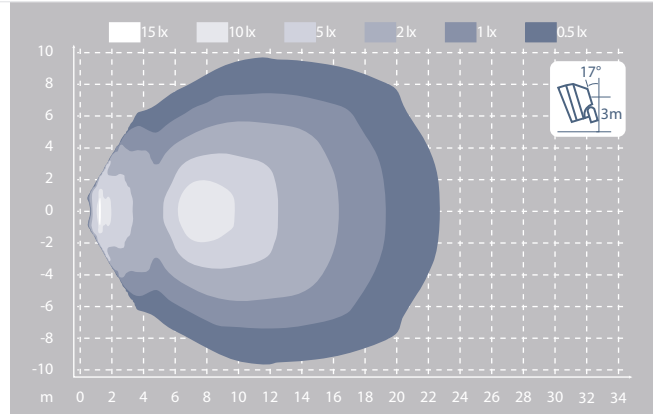


Nordic Heavy Duty Halogen

N25 – Wide Flood

Part No.	Voltage	Connector Type
100129	N/A	AMP
100130 *	N/A	Deutsch

M8 x 45mm mounting bolt with rubbers.
* M8 x 20mm mounting bolt.



Nordic Heavy Duty Halogen

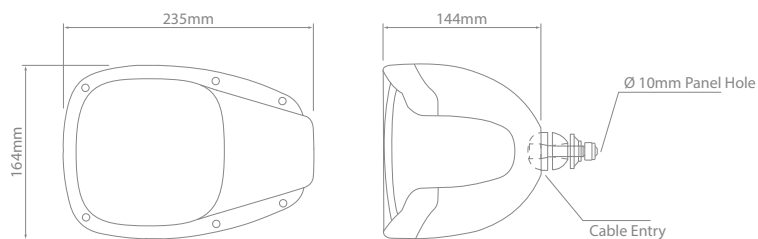
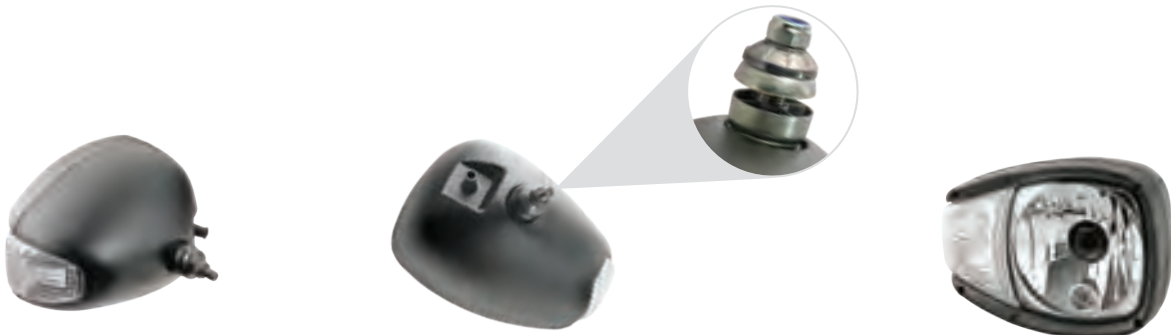
N500



- Complies to Australian Design Rules.
- All cables pass through single hole. Cover boot supplied.
- Single bolt mount with over 120° of articulation.
- Wide viewing angle from single indicator lamp.
- Modern sleek design with housing made from glass fibre reinforced polymer.
- Lenses made from durable polycarbonate and hardened glass.

ADR Approved

Voltage :	12V	24V
Max. Input Current :	7A	4.2A
Mount :	Single Bolt M10 – Articulated	
Lens :	Hardened Glass	
Body :	Glass Fibre Reinforced Polyamide	
Weight :	1kg	
Salt Mist :	ISO 9227 240H	
Approvals :	EC, ADR	
Operating Temperature :	-40°C to 85°C	
Colour Temperature :	3200K	
Bulb – H/Lamp :	60/55W P43t H4	75/70W P43t H4
Bulb – Indicator :	21W BAU15s	21W BAU15s
Bulb – Park :	5W W5W	5W W5W



Nordic Heavy Duty Halogen

N500 – Headlamp

Part No.

150007

Voltage

N/A

Position

Right

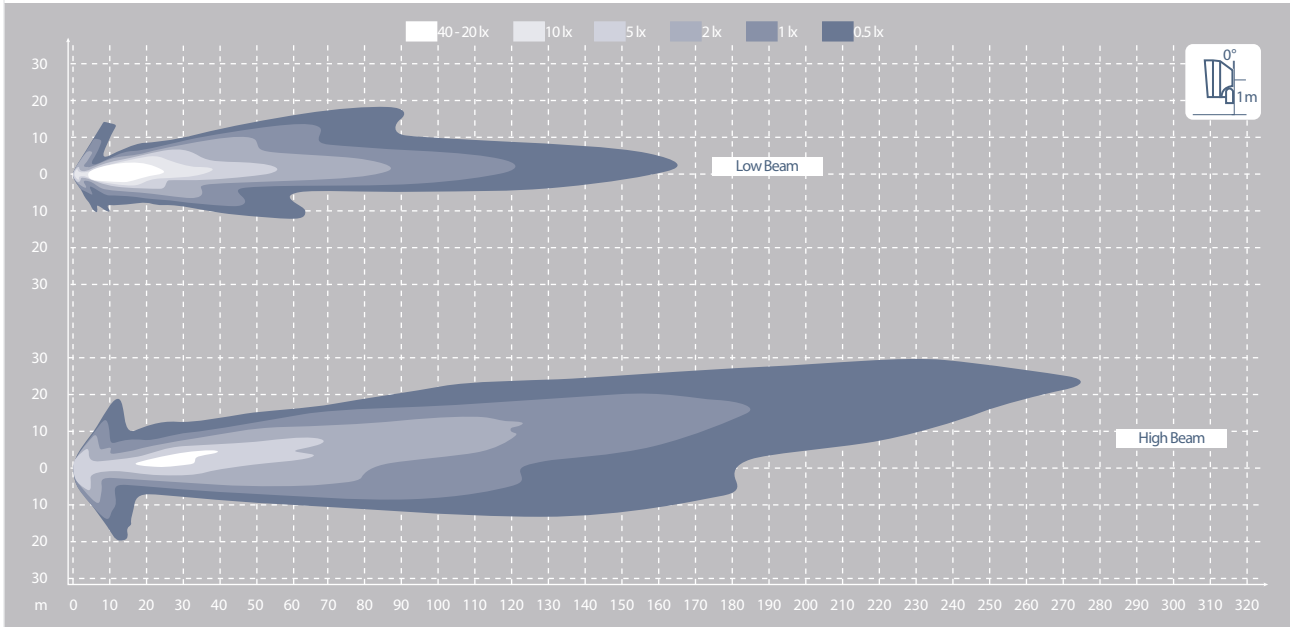
Light patterns shown below are of a single headlamp.

150017

N/A

Left

Bulbs sold separately.





Combination Light Pattern

Some IONNIC LED Worklamps combined both spot and flood light patterns in one unit.

This allowed users to switch between spot light for a refined long range beam, and flood light for illuminating large areas.

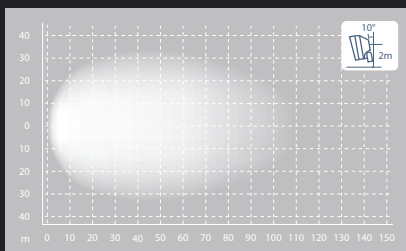
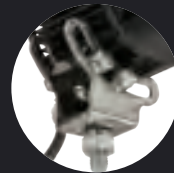
They can also be turn on at the same time as combination beam to have the best of both worlds.



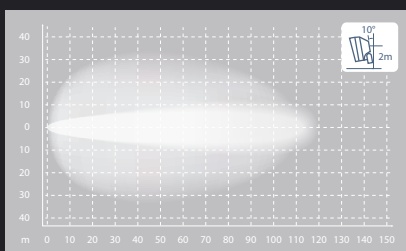
Heavy Duty Mounts

The 200 & 400 series IONNIC LED worklamps are supplied with vibration dampening mounts as standard.

These heavy duty mounting systems absorb vibration & shocks preventing damage to the worklamp and prolonging bulb life.



Flood Light Pattern



Combination Light Pattern



IONNIC LED

204 LED 70

212 LED 71

220 LED 72

230 LED 73

406 LED 74

412 LED 75

417 LED 76

1090 LED 77

508 LED 78

2100 LED 79

BL LED 80

Remote Controlled LED 82

LED Scene Light 84

107 LED 86

IONNIC LED

204 LED



- Stainless steel mounting bracket.
- Long life LEDs.
- Stainless steel cable gland.
- Even light pattern without hotspots.
- Impact resistant lens.
- Environmentally sealed aluminium body.
- Multi-voltage.
- 2 year warranty.

Lumen Output :	1,170lm
Operational Voltage :	10-30V
Input Current :	0.9A @ 13.8V
LED Lifetime :	50,000 Hrs
Connector :	Deutsch 2 Pin on 200mm Fly Lead
Mount :	Single Bolt M10
Lens :	Polycarbonate
Body :	Aluminium
Bracket :	Stainless Steel
Weight :	0.6kg
Ingress Protection :	IP67
Operating Temperature :	-40°C to 85°C
Colour Temperature :	6500K
Light Source :	6 x Cree® 3 Watt LEDs

10V
30V

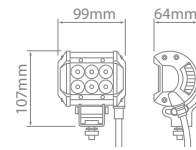
IP67

5Yrs



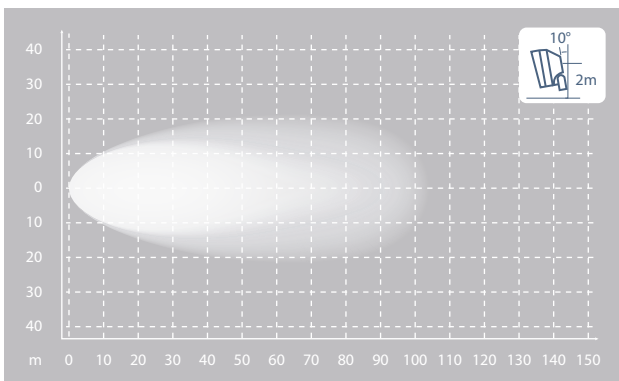
Stainless steel cable gland

Heavy duty stainless steel bracket



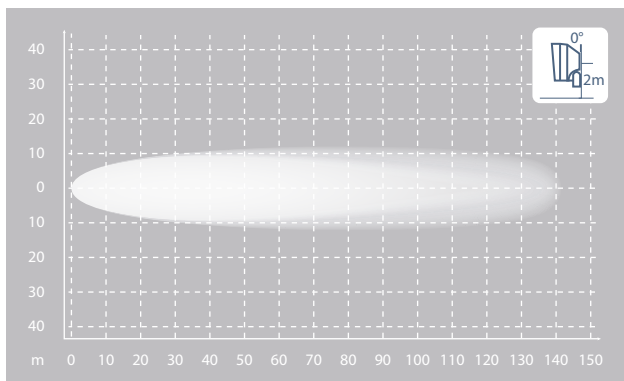
204 LED – Flood

Part No. **98-204F** Operational Voltage **10-30**



204 LED – Spot

Part No. **98-204S** Operational Voltage **10-30**

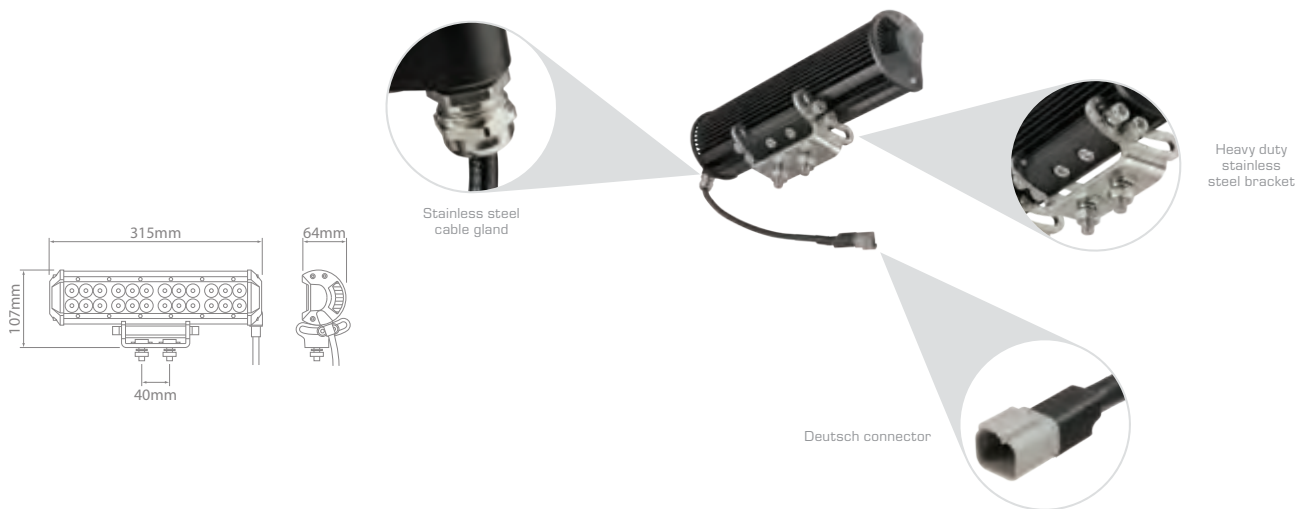


- Heavy duty stainless steel mounting bracket.
- Long life LEDs.
- Stainless steel cable gland.
- Even light pattern without hotspots.
- Impact resistant lens.
- Environmentally sealed aluminium body.
- Multi-voltage.
- 2 year warranty.



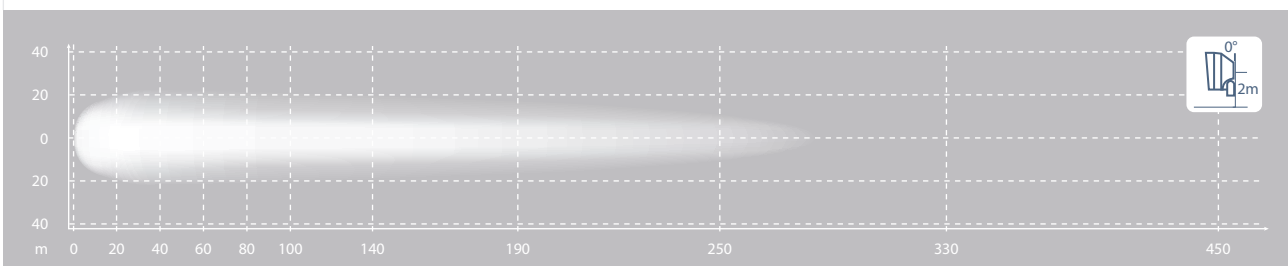
Lumen Output : 4,680lm
Operational Voltage : 10-30V
Input Current : 4.1A @ 13.8V
LED Lifetime : 50,000 Hrs
Connector : Deutsch 2 Pin on 200mm Fly Lead
Mount : 2 x M10
Lens : Polycarbonate
Body : Aluminium
Bracket : Stainless Steel
Weight : 2.3kg
Ingress Protection : IP67
Operating Temperature : -40°C to 85°C
Colour Temperature : 6500K
Light Source : 24 x Cree® 3 Watt LEDs

10V 30V
IP67
5Yrs



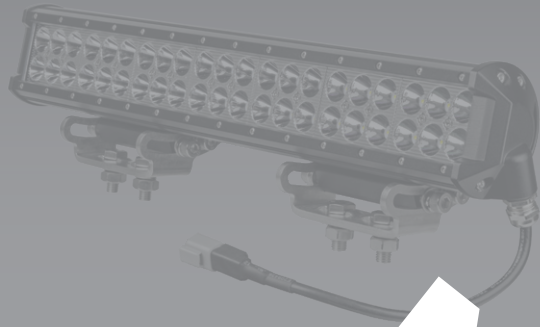
212 LED – Spot

Part No. 98-212S **Operational Voltage** 10-30



IONNIC LED

220 LED



- Heavy duty stainless steel mounting bracket.
- Long life LEDs.
- Stainless steel cable gland.
- Even light pattern without hotspots.
- Impact resistant lens.
- Environmentally sealed aluminium body.
- Multi-voltage.
- 2 year warranty.

Lumen Output :	8,190lm
Operational Voltage :	10-30V
Input Current :	7.3A @ 13.8V
LED Lifetime :	50,000 Hrs
Connector :	Deutsch 2 Pin on 200mm Fly Lead
Mount :	4 x M10
Lens :	Polycarbonate
Body :	Aluminium
Bracket :	Stainless Steel
Weight :	3.1kg
Ingress Protection :	IP67
Operating Temperature :	-40°C to 85°C
Colour Temperature :	6500K
Light Source :	42 x Cree® 3 Watt LEDs

10V
30V

IP67

5Yrs

MLA



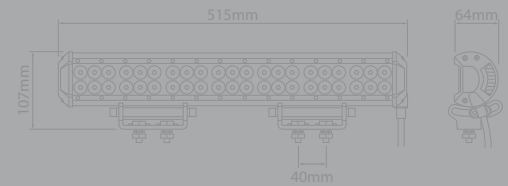
Stainless steel cable gland



Deutsch connector

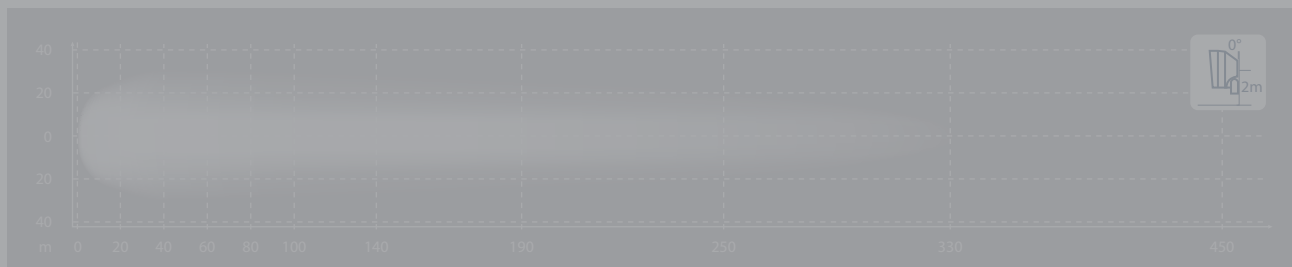


Heavy duty stainless steel bracket

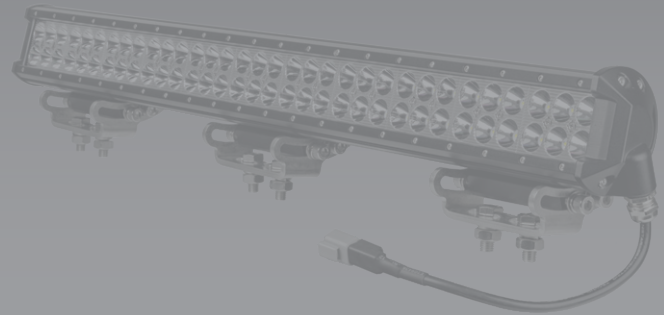


220 LED – Spot

Part No. Operational Voltage
98-220S 10-30



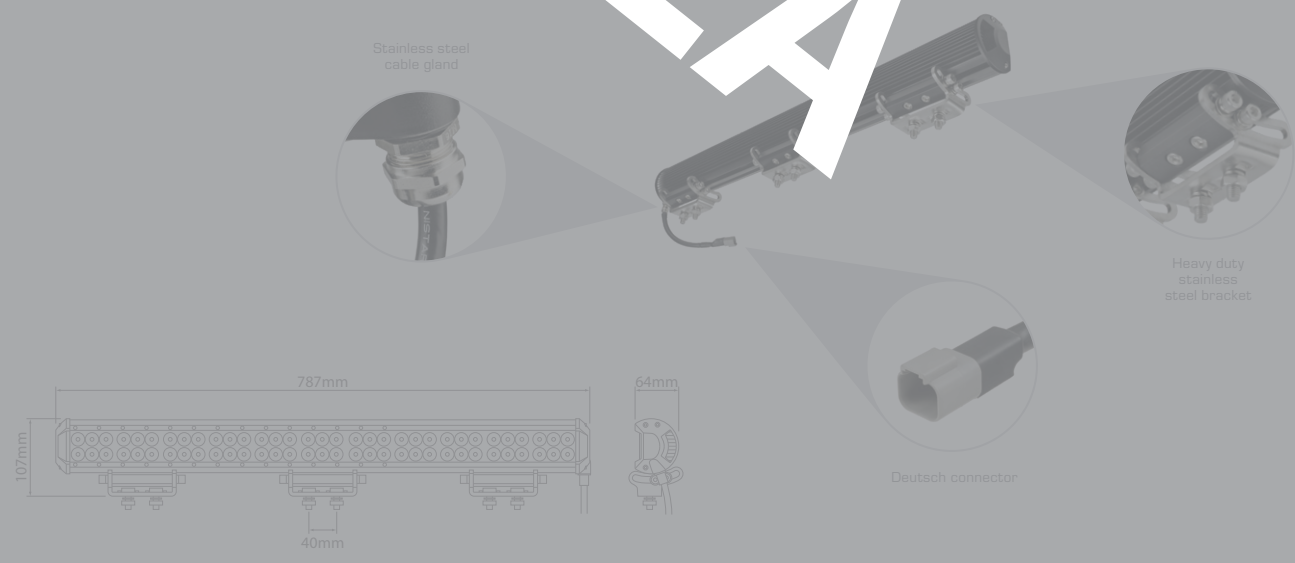
- Heavy duty stainless steel mounting bracket.
- Long life LEDs.
- Stainless steel cable gland.
- Even light pattern without hotspots.
- Impact resistant lens.
- Environmentally sealed aluminium body.
- Multi-voltage.
- 2 year warranty.



Lumen Output : 12,870lm
Operational Voltage : 10-30V
Input Current : 11.8A @ 13.8V
LED Lifetime : 50,000 Hrs
Connector : Deutsch 2 Pin on 200mm Fly Lead
Mount : 6 x M10
Lens : Polycarbonate
Body : Aluminium
Bracket : Stainless Steel
Weight : 1.7kg
Ingress Protection : IP67
Operating Temperature : -40°C to 65°C
Colour Temperature : 6500K
Light Source : 66 x Cree® 3 Watt LEDs

MVA

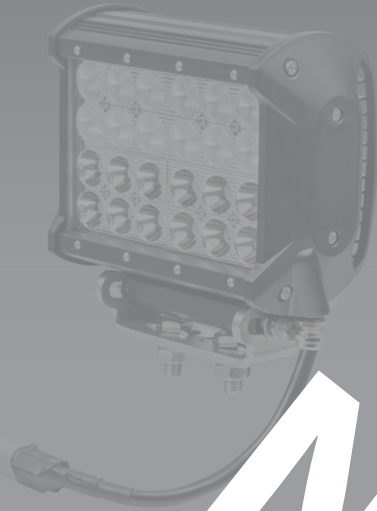
10V 30V IP67 5Yrs



230 LED – Spot

Part No. 98-230S
Operational Voltage 10-30



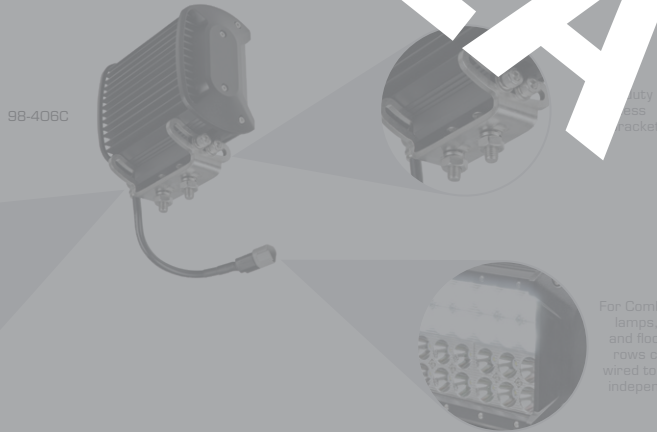


10V
30V IP67 5Yrs

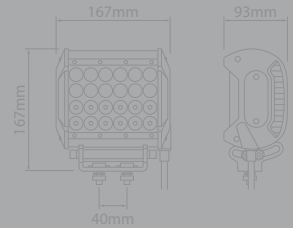
- Heavy duty stainless steel mounting bracket.
- Long life LEDs.
- Stainless steel cable gland.
- Even light pattern without hotspots.
- Combination model offers independent control of LED rows.
- Impact resistant lens.
- Environmentally sealed aluminium body.
- Multi-voltage.
- 2 year warranty.

Lumen Output : 4,680lm
Operational Voltage : 10-30V
Input Current : 4.0 @ 13.8V
LED Lifetime : 50,000 Hrs
Connector : Flood Deutsch 2 Pin on Fly Lead
 Combination Deutsch 3 Pin on Fly Lead
Mount : 2 x M10
Lens : Polycarbonate
Body : Aluminium
Bracket : Stainless Steel
Weight : 2.2kg
Ingress Protection : IP67
Operating Temperature : -40°C to 85°C
Colour Temperature : 6500K
Light Source : 24 x Cree® 3 Watt LEDs

NEW



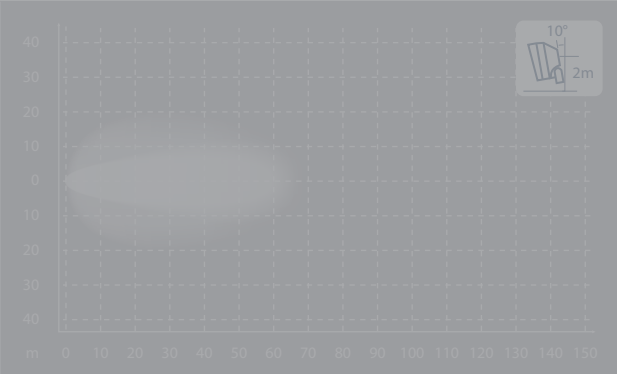
Stainless steel cable gland



For Combination lamps, spot and flood LED rows can be wired to switch independently

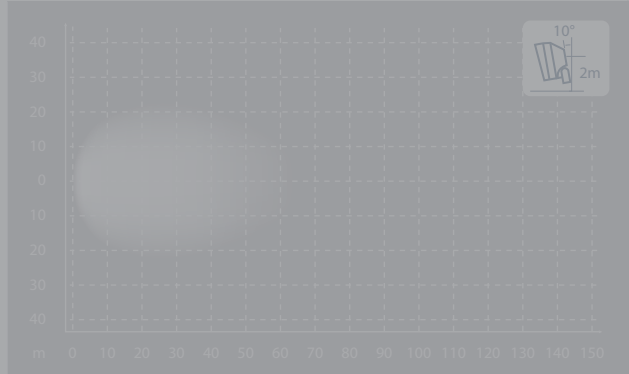
406 LED – Combination

Part No. **98-406C** Operational Voltage **10-30** Pattern depicts spot & flood combined illumination



406 LED – Flood

Part No. **98-406F** Operational Voltage **10-30**



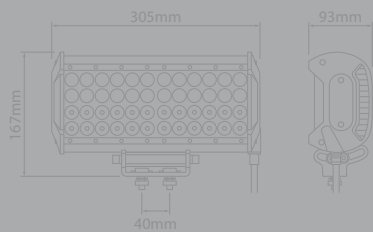
- Heavy duty stainless steel mounting bracket.
- Long life LEDs.
- Stainless steel cable gland.
- Even light pattern without hotspots.
- Combination model offers independent control of LED rows.
- Impact resistant lens.
- Environmentally sealed aluminium body.
- Multi-voltage.
- 2 year warranty.



Lumen Output : 9,360lm
Operational Voltage : 10-30V
Input Current : 8.2A @ 13.8V
LED Lifetime : 50,000 Hrs
Connector : Flood Deutsch 2 Pin on Fly Lead
 Combination Deutsch 3 Pin on Fly Lead
Mount : 2 x M10
Lens : Polycarbonate
Body : Aluminium
Bracket : Stainless Steel
Weight : 1.7kg
Ingress Protection : IP67
Operating Temperature : -40°C to 55°C
Colour Temperature : 6500K
Light Source : 48 x Cree® 3 Watt LEDs

10V 30V IP67 5Yrs

MVA



Stainless steel cable gland



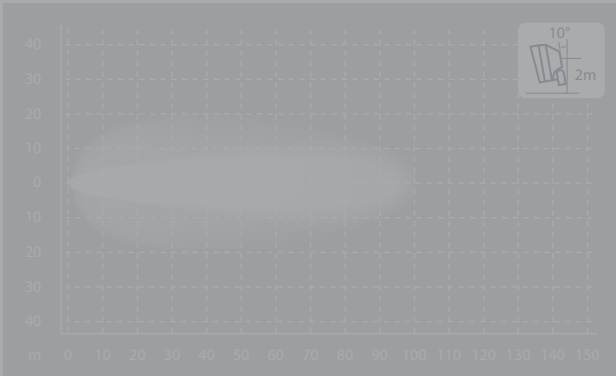
Heavy duty stainless steel bracket



For Combination lamps, spot and flood LED rows can be wired to switch independently

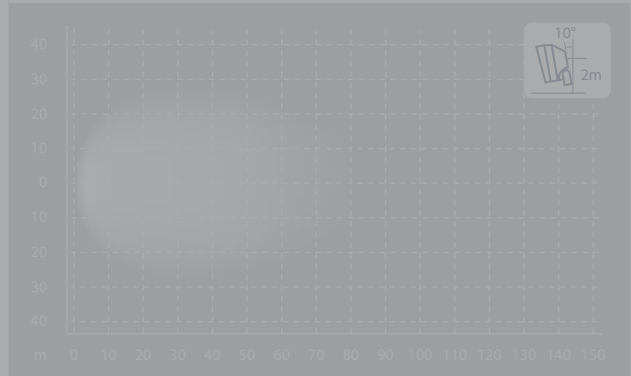
412 LED – Combination

Part No. 98-412C **Operational Voltage** 10-30V **Pattern depicts spot & flood combined illumination**



412 LED – Flood

Part No. 98-412F **Operational Voltage** 10-30V



IONNIC LED

417 LED



10V
30V IP67 5Yrs

- Heavy duty stainless steel mounting bracket.
- Long life LEDs.
- Stainless steel cable gland.
- Even light pattern without hotspots.
- Combination model offers independent control of LED rows.
- Impact resistant lens.
- Environmentally sealed aluminium body.
- Multi-voltage.
- 2 year warranty.

Lumen Output : 14,040lm
Operational Voltage : 10-30V
Input Current : 12.5A @ 13.8V
LED Lifetime : 50,000 Hrs
Connector : Flood Deutsch 2 Pin on Fly Lead
 Combination Deutsch 3 Pin on Fly Lead
Mount : 4 x M10
Lens : Polycarbonate
Body : Aluminium
Bracket : Stainless Steel
Weight : 5.2kg
Ingress Protection : IP67
Operating Temperature : -40°C to 85°C
Colour Temperature : 6500K
Light Source : 72 x Cree® 3 Watt LEDs



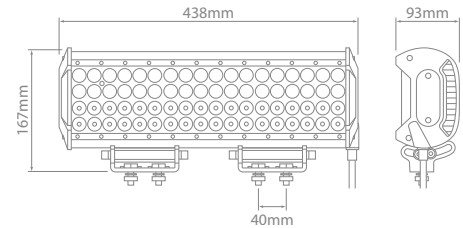
Stainless steel cable gland

98-417C



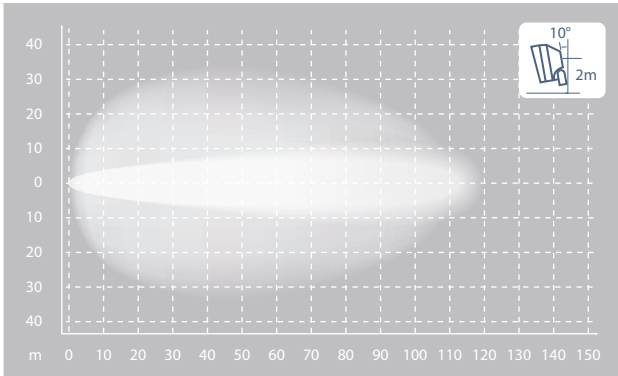
Heavy duty stainless steel bracket

For Combination lamps, spot and flood LED rows can be wired to switch independently



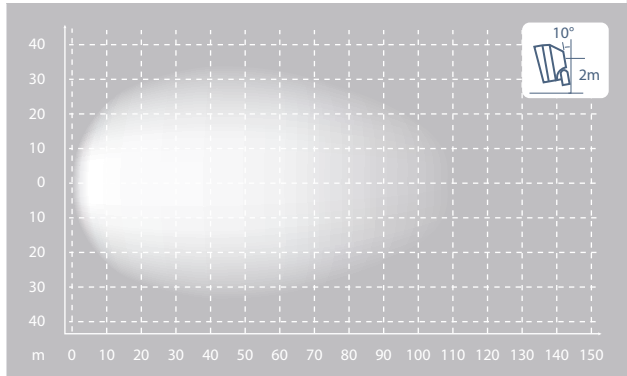
417 LED – Combination

Part No. **98-417C** Operational Voltage **10-30** Pattern depicts spot & flood combined illumination



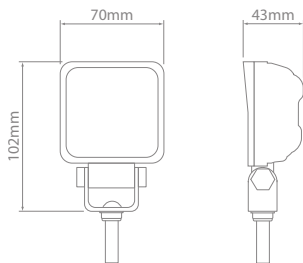
417 LED – Flood

Part No. **98-417F** Operational Voltage **10-30**



- Multi-voltage.
- Long life LEDs.
- Low current draw.
- Extremely compact & lightweight.
- Even light pattern without hotspots.
- Impact resistant lens.
- Epoxy encapsulated electronics.
- Environmentally sealed aluminum body.
- 5 year warranty.

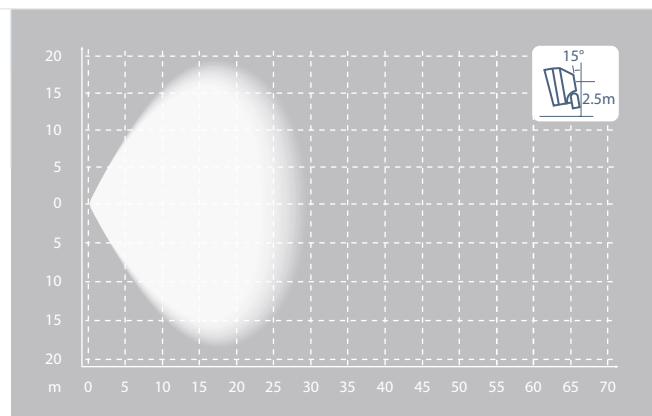
Lumen Output : 600lm
Operational Voltage : 12-36V
Input Current : 0.68A @ 13.5V
Max Power Consumption : 9W
LED Lifetime : 50,000 Hrs
Connector : 280mm Fly Lead
Mount : Single Bolt M8
Lens : PC
Body : Aluminium
Bracket : Stainless Steel
Weight : 0.17kg
Ingress Protection : IP67
Operating Temperature : -30°C to 50°C
Colour Temperature : 5000K
Light Source : 3 x Edison® 3 Watt LEDs



1090 LED – Flood

Part No.	Operational Voltage
98-1090	12-36
98-1090BK *	12-36

* Bulk pack of 10 worklamps.



508 LED

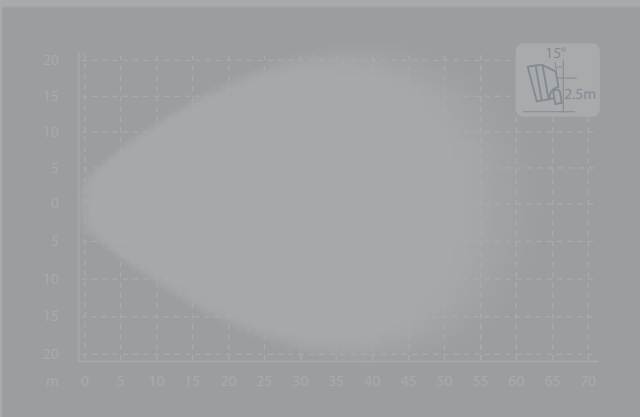
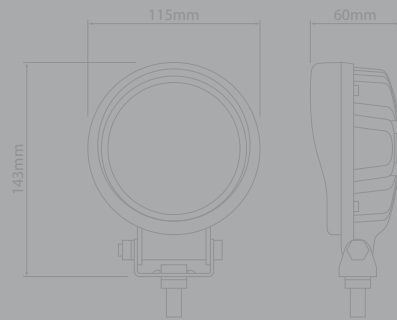
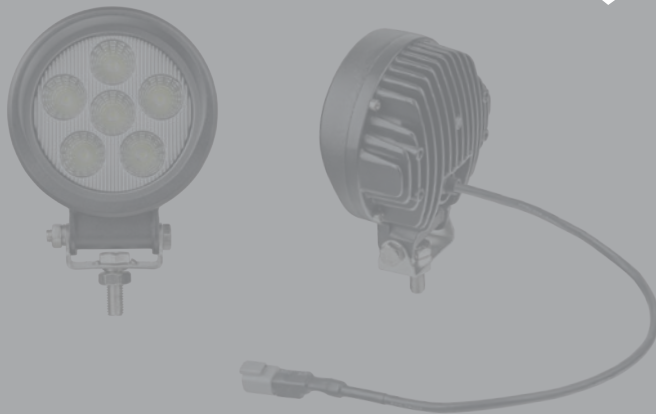


- Compact & lightweight.
- Multi-voltage.
- Long life LEDs.
- Low current draw.
- Even light pattern without hotspots.
- Impact resistant lens.
- Environmentally sealed aluminum body.
- 5 year warranty.

Lumen Output :	1,260lm
Operational Voltage :	9-32V
Input Current :	1.0A @ 13.8V
LED Lifetime :	30,000 Hrs
Connector :	Deutsch 2 Pin on 200mm Fly Lead
Mount :	Single Bolt M10
Lens :	PC
Body :	Aluminium
Bracket :	Stainless Steel
Weight :	0.6kg
Ingress Protection :	IP67
Operating Temperature :	-45°C to 65°C
Colour Temperature :	6500K
Light Source :	6 x Cree® 3 Watt LEDs

9V 32V IP67 5Yrs

MLA



508 LED – Flood

Part No. 98-508F Operational Voltage 9-32

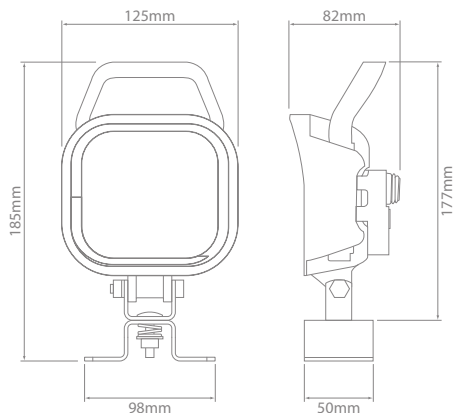
- Handle & spring tensioned bracket for easy on-site adjustment.
- Integrated rocker switch with sealing boot.
- Multi-voltage.
- Long life LEDs.
- Low current draw.
- Even light pattern without hotspots.
- Impact resistant lens.
- Environmentally sealed aluminum body.
- 3 year warranty.

NEW



Lumen Output : 1,490lm
Operational Voltage : 12-36V
Input Current : 1.4A @ 13V
Max Power Consumption : 22W
LED Lifetime : 30,000 Hrs
Connector : Deutsch 2 Pin on 280mm Fly Lead
Mount : user supplied 4 x M8
Lens : PC
Body : Aluminium
Bracket : Stainless Steel
Weight : 0.6kg
Ingress Protection : IP67
Operating Temperature : -30°C to 50°C
Colour Temperature : 6500K
Light Source : 9 x SMD High Power LEDs

12V 36V IP67 3Yrs



Rocker switch with sealing boot

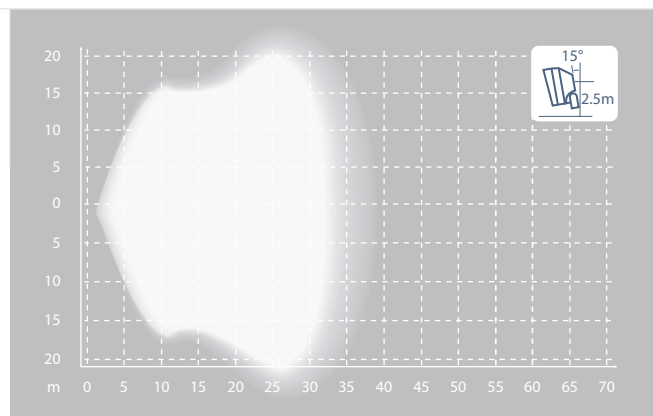
360°



Spring tensioned bracket for easy on-site adjustment

2100 LED – Flood

Part No. 98-2100
Operational Voltage 12-36



IONNIC LED

BL LED

NEW



- 12V / 48V
- IP68
- IP 6K9K
- 5Yrs

- Protective shroud reduces lateral light dispersion
- Optional remote handles for easy in-cab adjustment.
- Multi-voltage.
- Long life LEDs.
- Even light pattern without hotspots.
- Impact resistant lens.
- Environmentally sealed aluminium body.
- 5 year warranty.

Lumen Output :	2,650lm
Operational Voltage :	12-48V
Input Current :	4.5A @ 13.8V
LED Lifetime :	30,000 Hrs
Connector :	Deutsch 2 Pin on 200mm Fly Lead
Lens :	PMMA
Body :	Die-cast
Ingress Protection :	IP68, IP6K9K
Approvals :	SAE J1455
Operating Temperature :	-40°C to 85°C
Colour Temperature :	6500K
Light Source :	12 x Cree® 5 Watt LEDs



BLLED + BL420



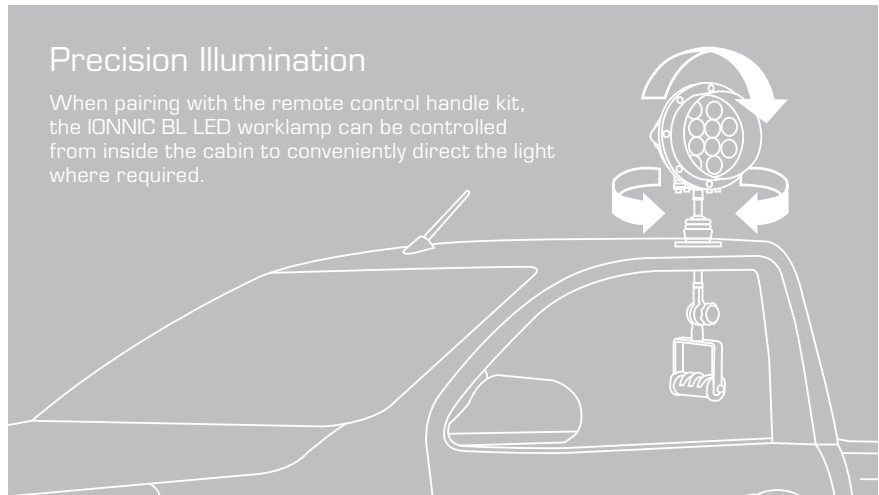
Remote control handle has 14 lockable positions for easy angle adjustment and retraction

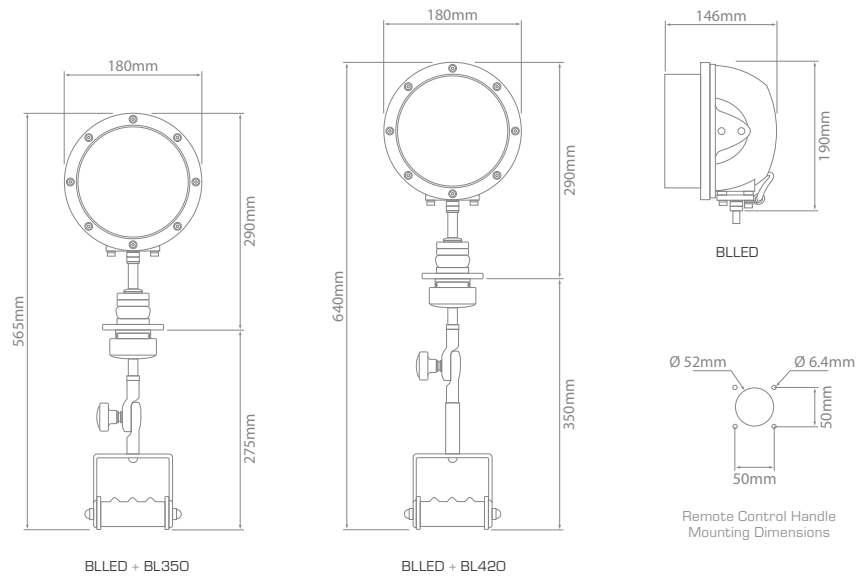


BL350

Precision Illumination

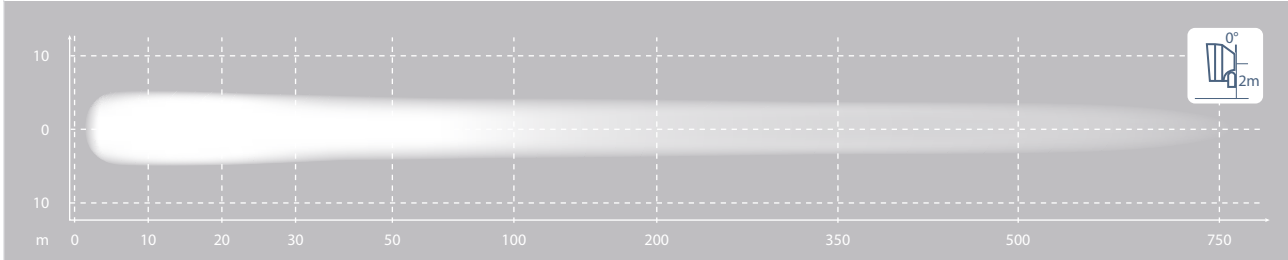
When pairing with the remote control handle kit, the IONNIC BL LED worklamp can be controlled from inside the cabin to conveniently direct the light where required.





BL LED – Spot

Part No.	Operational Voltage	Description
BLLED	12–48	BL LED Worklamp assembly
BL350	—	350mm Remote Control Handle Kit with toggle switch, fuse and mounting plate
BL420	—	420mm Remote Control Handle Kit with toggle switch, fuse and mounting plate



BL LED – Spare Parts

Part No.	Description
BLB-BOOT	Replacement boot, suits both Remote Control Handles



IONNIC LED

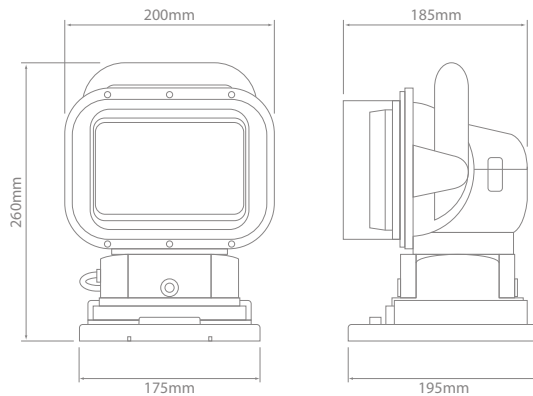
Remote Controlled LED



IP65 3Yrs

- Can be remote controlled within 200m.
- Adjustable to 360° horizontal & 120° vertical.
- Worklamp can be detached from mounted base. Convenient magnetic mount suitable for stationary applications only.
- Folding handle.
- Impact resistant lens.
- Long life LEDs.
- Environmentally sealed body.
- 3 year warranty.

Lumen Output :	4,000lm
Max Power Consumption :	50W
Connector :	2.8m lead to cigar plug
Body :	ABS
Lens :	Polycarbonate
Weight :	3kg
Ingress Protection :	IP65
Operating Temperature :	-40°C to 85°C
Colour Temperature :	6500K
Light Source :	10 x Cree® 5 Watt LEDs



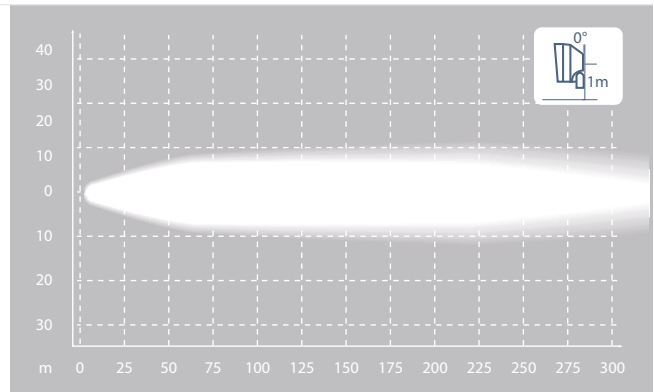
Remote Controlled LED – Spot

Part No.

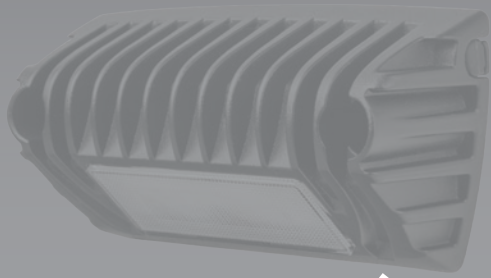
98-150-12V

Voltage

12



NEW



9V
32V

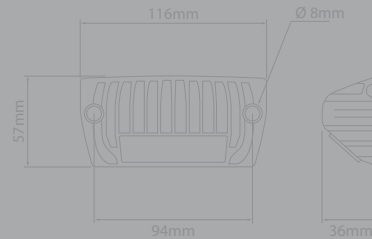
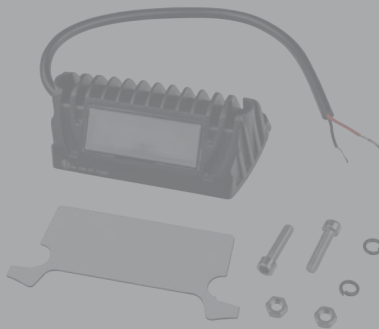
IP67

ECE
R10

- Ideal for interior or exterior applications.
- Compact & lightweight.
- Multi-voltage.
- Long life LEDs.
- Low current draw.
- Impact resistant lens.
- Environmentally sealed aluminum body.

Lumen Output :	500lm
Operational Voltage :	9-32V
Input Current :	0.8A @ 13.8V
LED Lifetime :	30,000 Hrs
Connector :	300mm Fly Lead
Mount :	2 x M6 bolts
Lens :	PC
Body :	Aluminium
Weight :	0.2kg
Ingress Protection :	IP67
Approvals :	ECE R10
Operating Temperature :	-30°C to 60°C
Colour Temperature :	6500K
Light Source :	6 X Cree® 1.5 Watt LEDs

MLA



LED Scene Light

Part No.	Operational Voltage
98-2500	9-32

Supplied with adhesive gasket, bolts, nuts and split washers.

Internet Internet

ionnic.com



- Keep up to date with the latest product releases.
- Compare products.
- Download catalogues or technical information.



ionnic.com



ionnic | 
Lighting | Safety | Electrical

NEW

107 LED



- Heavy duty die-cast mounting bracket.
- Long life LEDs.
- Stainless steel cable gland.
- Even light pattern without hotspots.
- Impact resistant lens.
- Environmentally sealed aluminium body.
- Multi-voltage.
- 5 year warranty.

Lumen Output :	2,650lm
Operational Voltage :	12-48V
Input Current :	4.5A @ 13.8V
LED Lifetime :	30,000 Hrs
Connector :	Deutsch 2 Pin on 200mm Fly Lead
Mount :	Single Bolt M8
Lens :	PMMA
Body :	Aluminium
Weight :	2.1kg
Ingress Protection :	IP68, IP6K9K
Approvals :	SAE J1455
Operating Temperature :	-40°C to 85°C
Colour Temperature :	6500K
Light Source :	12 x Cree® 5 Watt LEDs

- 12V / 48V
- IP68
- IP 6K9K
- 5Yrs

MILA

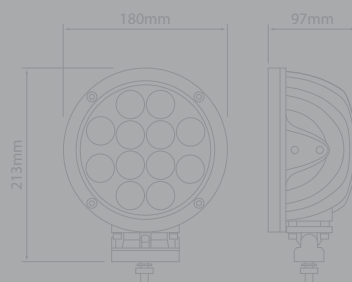
Stainless steel cable gland



Heavy duty powder-coated bracket



Deutsch connector



107 LED – Wide Spot

Part No. Operational Voltage
98-107F 12-48



107 LED – Spot

Part No. Operational Voltage
98-107S 12-48



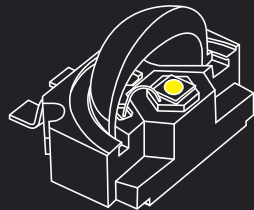
MLA

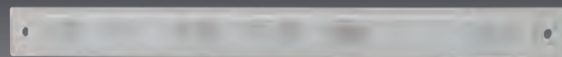




LED Technology

Unrivalled life spans of up to 100,000 hours together with low power consumption and resistance to high levels of shock and vibration make LEDs the ideal light source for worklamps. Their compact size allows them to be used in a wide range of applications.





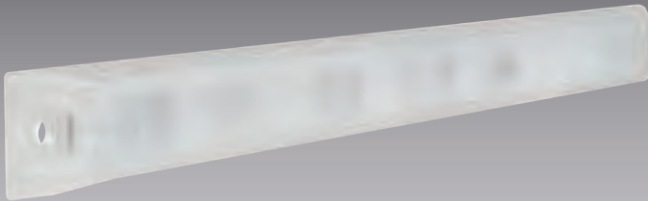
LED Interior Lighting

LED Strip Light	90
LED Strip Lights with Switch	92
LED Dome Light	93
LED Heavy Duty Lamps	94

LED Interior Lighting

LED Strip Light

NEW



10V
30V

5Yrs

- High output LEDs.
- Low current draw.
- Multi-voltage.
- Easy installation.
- Slimline design.
- Polycarbonate construction.
- Frosted lens for diffused light.
- Ultra wide 180° light dispersion.
- Optional surface mount brackets available.
- 5 year warranty.

Operational Voltage :

10-30V

Lens :

Polycarbonate

Body :

Polycarbonate

Lead Length :

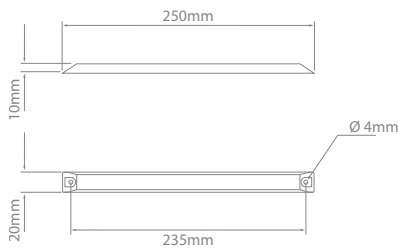
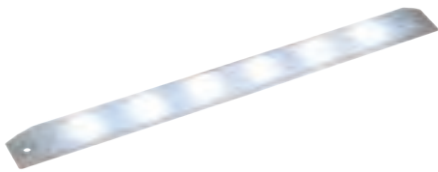
250mm

Light Source :

LED

Operating Temperature :

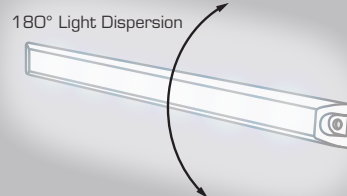
-20°C to 60°C



Ultra Wide 180° Light Dispersion

Compact and easy to install the IONNIC LED Strip Light produces a remarkable 180° of even, diffused light, to comfortably illuminate large vehicle interiors and compartments.

Ideal of commercial vehicles, canopies, service bodies, lockers, marine applications and more.



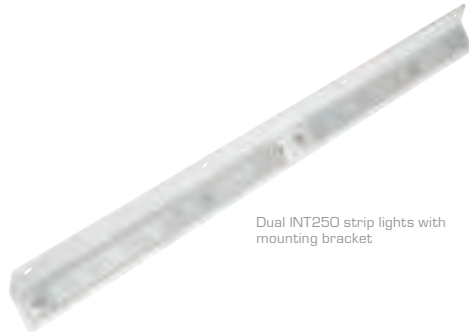
Example of one IONNIC Strip Light installed illuminating an entire canopy.

LED Strip Light

Part No.	No. of LEDs	Current Draw (A)
INT250	6	0.4 @ 12V

Not recommended for mounting on synthetic surfaces.

LED Interior Lighting



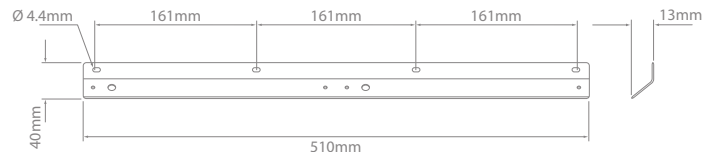
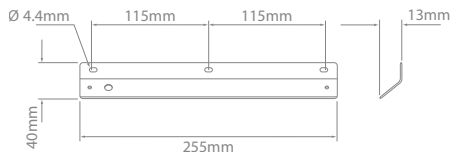
Dual INT250 strip lights with mounting bracket



INT250-BKT



INT250-DUALBKT



Mounting Brackets

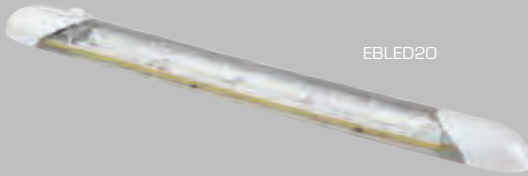
Part No.	Description
INT250-BKT	Suits 1 x INT250
INT250-DUALBKT	Suits 2 x INT250



LED Interior Lighting

LED Strip Lights with Switch

NEW



12V
24V

- Integral ON/OFF switch.
- High output LED.
- Low current draw.
- Multi-voltage.
- Easy installation.
- Slimline design.
- Polycarbonate lens & body.
- Epoxy sealed for vibration & moisture resistance.
- 5 year warranty.

Operational Voltage :

Lens :

Body :

Lead Length :

Light Source :

Operating Temperature :

12-24V

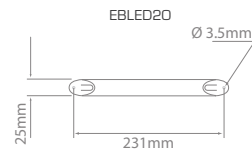
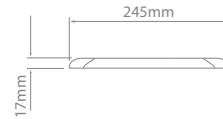
Polycarbonate

Polycarbonate

100mm

LED

-30°C to 50°C

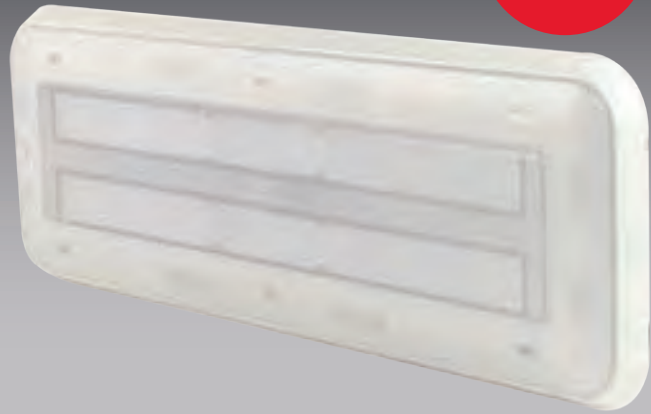


LED Strip Lights with Switch

Part No.	No. of LEDs	Lumens	Current Draw (A)
EBLED20	9	110	0.2 @ 12V
EBLED40	18	220	0.4 @ 12V

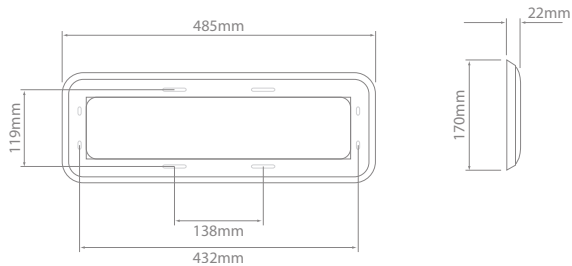
LED Interior Lighting

- Extreme light output – 2300 Lumen.
- Multi-voltage.
- Easy installation.
- Slimline design
- Polycarbonate lens.
- Frosted lens for diffused light.
- Environmentally sealed.
- Epoxy sealed for vibration & moisture resistance.
- 5 year warranty.



LED Dome Light

Operational Voltage : 10–30V
 Lens : Polycarbonate
 Body : Polycarbonate
 Light Source : LED
 Ingress Protection : IP67
 Operating Temperature : -30°C to 50°C



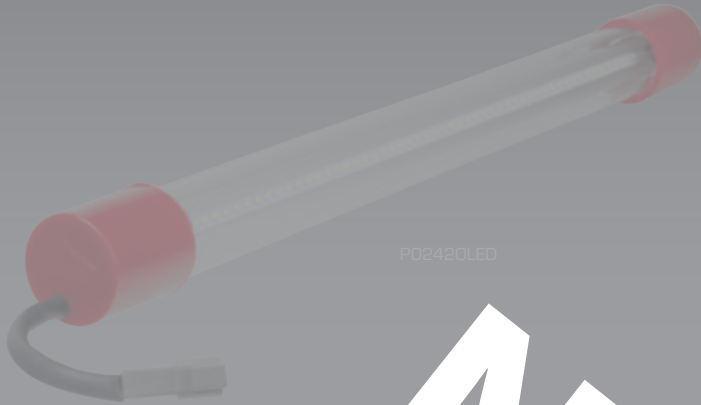
LED Dome Light

Part No.	No. of LEDs	Lumen	Current Draw (A)	Lead Length (mm)
ECLED30	12	2300	2.2	460



LED Interior Lighting

LED Heavy Duty Lamps



P02420LED

- Long life and robust LED design.
- 650 Lumen or 1800 Lumen models available.
- No inverter required.
- Push on urethane end caps for easy tube replacement.
- Heavy duty 4mm acrylic tube outer shell.
- Whiter than daylight colour temperature.
- Deutsch DT connector on fly lead.
- Opaque or clear replacement LED tubes available, see page 105.

10V
30V

IP54

MLA

Operational Voltage : 10-30V
Connector : Deutsch DT Series 2 Pin
Lens : Acrylic
Caps : Urethane
Weight : 650lm : 0.5kg 1800lm : 1.0kg
Ingress Protection : IP54
Operating Temperature : -30°C to 85°C
Colour Temperature : 6500K
Light Source : LED

Robust & Versatile



Designed for use in larger applications where high light output, ruggedness and ease of refurbishment is required.



LED Heavy Duty Lamps

Part No.	No. of LEDs	Lumen	Current Draw	Length (mm)
P02420LED	60	650	0.66 @ 12V	620
P02440LED	95	1800	1.2 @ 12V	1228

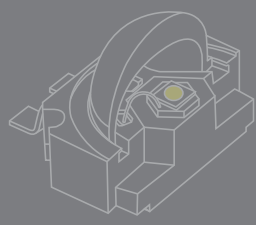
Supplied with Deutsch DT Series 2 pin plug & socket.



MLA

LED Technology

Unrivalled life spans of up to 100,000 hours together with low power consumption and resistance to high levels of shock and vibration make LEDs the ideal light source for worklamps. Their compact size allows them to be used in a wide range of applications.





MEGA

LED Workshop Lighting

Multi Purpose Lamp

98

Floor Lamp

99

Under Bonnet Lamp

100

LED Workshop Lighting

Multipurpose Lamp

NEW



- High/low worklight and torch functions controlled by single switch.
- Dual rechargeable Lithium-ion batteries.
- LED battery level Indicator.
- Unique ball joint enables 360° swivel and tilt.
- Swivel hooks and magnets allow hands-free operation.
- Tough grip rubber casing.
- Includes 12V USB charger.

	Torch	Worklight
Lumen Output :	150lm	600lm
Operating Time :	14hrs	6-12hrs
Charging Time :		6 hrs
Battery :	2 x Lithium-ion 3.7V – 2.6Ah	
Housing :	ABS	
Weight :	0.5kg	
Approvals :	CE	
Ingress Protection :	IP54	
Light Source :	Single 5W LED	16 x SMD LEDs



MCLA



5W torch function



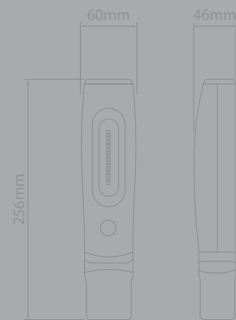
Magnetic base with ball joint enables flexible mounting & hand-free operation.



Magnets and retractable swivel hooks



Battery level indicator



Multipurpose Lamp

Part No.
ED-SL137RU

LED Workshop Lighting

- 10W COB LED.
- Soft touch foam-rubber handle.
- Magnetic feet for handy pendant mounting in under bonnet application.
- Aluminium housing with tubular steel framed stand.
- 360° swivel & 180° vertical tilt adjustable.
- Rechargeable Lithium-ion battery.
- Includes 12V and 240V chargers.
- On/off rocker switch.
- Weatherproof for outdoor use.

NEW



Floor Lamp

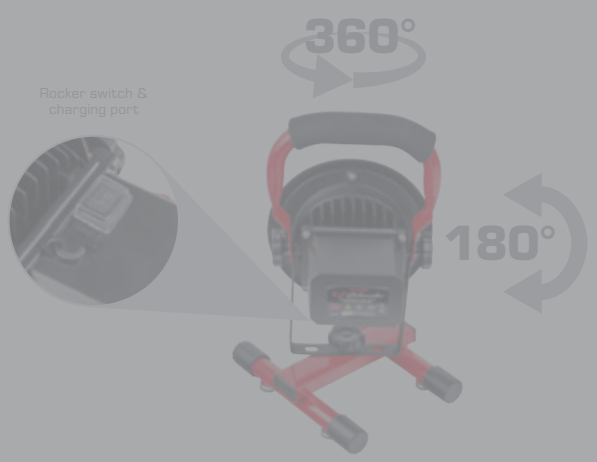
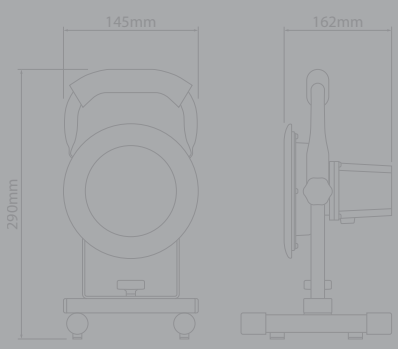
Lumen Output :	600lm
Charging Time :	5hrs
Operating Time :	2.5hrs
Battery :	Lithium-ion 7.4V – 2.5Ah
Base :	Powder Coated Steel
Housing :	Aluminium
Weight :	1.5kg
Ingress Protection :	IP54
Light Source :	Single 10W COB LED

MEGA

IP54



Magnetic feet for handy pendant mounting in under bonnet application



Floor Lamp

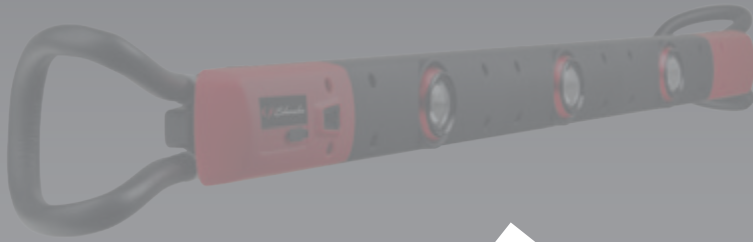
Part No.
ED-SL167RI



LED Workshop Lighting

Under Bonnet Lamp

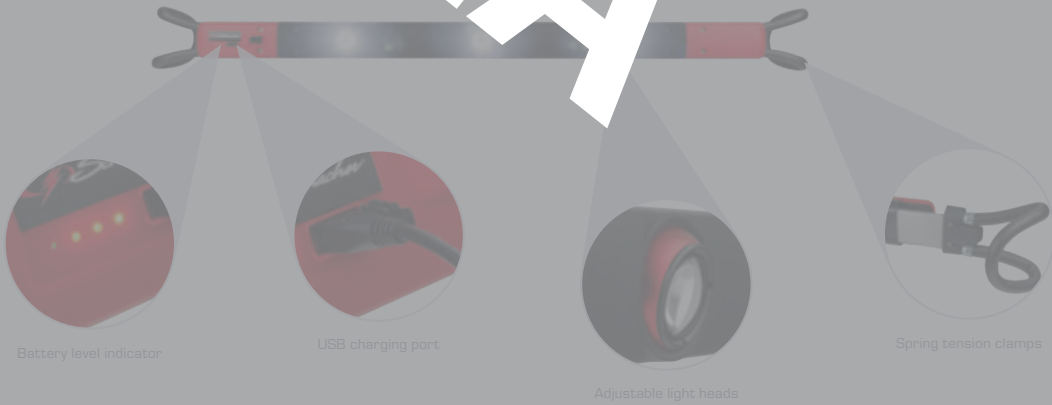
NEW



- High output – 1000lm
- Spring tension retractable clamps for mounting to various bonnet widths.
- Individual LED on/off control.
- Rechargeable Lithium-ion batteries.
- 40° adjustable light heads.
- LED battery level Indicator.
- Soft touch foam-rubber handles.
- Includes 240V USB charger.

Lumen Output :	1000lm
Operating Time :	Up to 14hrs
Charging Time :	8hrs
Battery :	4 x Lithium-ion 3.7V – 2.6Ah
Base :	Aluminium
Housing :	ABS
Weight :	2.1kg
Bonnet Width :	114 – 165cm
Light Source :	3 x 5W COB LEDs

NEW

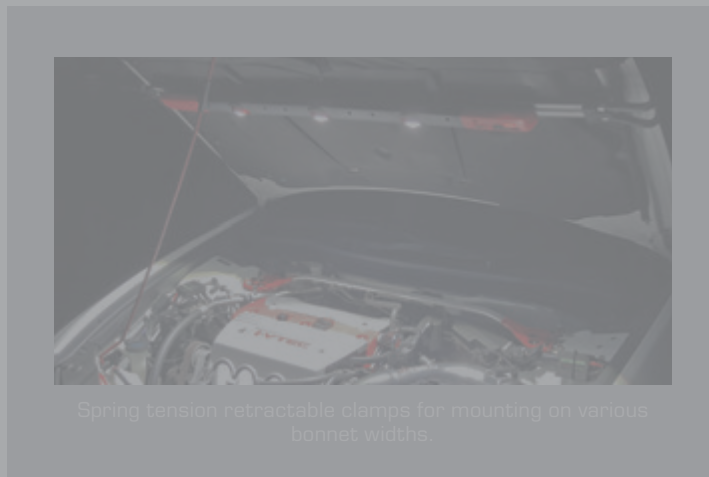


Battery level indicator

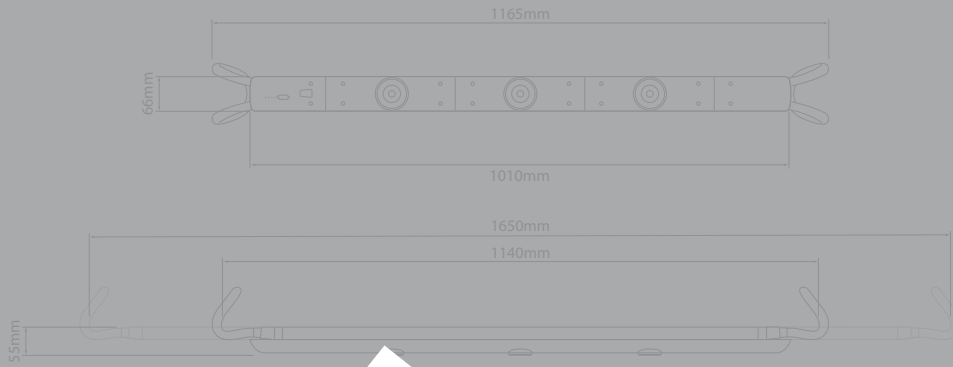
USB charging port

Adjustable light heads

Spring tension clamps



Spring tension retractable clamps for mounting on various bonnet widths.



Under Bonnet Lamp

Part No.
ED-SL176RI

Bonnet Width
114cm to 165cm

MLA

Spare Parts

Identifying Lens Code

Marked on the lens of all Nordic worklamps is a code which can be used to identify the replacement lens/reflector. This lens code can be found on the face of the lens. For some LED worklamps this code is obscured by the bezel.



Lens Code



Lens Pattern	Lens Code	Lens & Reflector
Low Beam	8B019	906-901
High Beam	8B021	906-902
Wide Flood	8B100	906-927
Flood	8B101	906-928



Replacement Lens & Reflector – 906-927

LED – Nordic SPICA N26

Part No.	Voltage	Lens Pattern	Lens Code	Lens	Bezel	Mount Kit
981-202	9-110	Flood	8B151	906-306	906-341	N/A
981-201	9-110	Wide Flood	8B150	906-305	906-341	N/A
981-203	9-110	Spot	8B142	906-307	906-341	N/A

Bezel screws supplied with bezel.

LED – Nordic SPICA N2401

Part No.	Voltage	Lens Pattern	Lens Code	Lens	Bezel	Mount Kit
981-302	9-32	Flood	8B151	906-306	906-341	N/A
981-320	9-32	Flood	8B151	906-306	906-341	N/A
981-301	9-32	Wide Flood	8B150	906-305	906-341	N/A
981-319	9-32	Wide Flood	8B150	906-305	906-341	N/A
981-311	9-32	Diffused	8B142W6	—	906-341	N/A
981-303	9-32	Spot	8B142	906-307	906-341	N/A
981-318	9-32	Spot	8B142	906-307	906-341	N/A

Bezel screws supplied with bezel.

LED – Nordic SCORPIUS N42

Part No.	Voltage	Lens Pattern	Lens Code	Lens	Bezel	Mount Kit
984-202	9-32	Flood	8B137	906-269	N/A	906-274
984-201	9-32	Wide Flood	8B134	906-268	N/A	906-274
984-203	9-32	Low Beam	8B138	906-270	N/A	906-274
984-204	9-32	High Beam	8B139	906-271	N/A	906-274

LED – Nordic SCORPIUS N4406

Part No.	Voltage	Lens Pattern	Lens Code	Lens	Bezel	Mount Kit
984-037	9-32	Flood	8B137	906-269	N/A	906-274
984-036	9-32	Wide Flood	8B134	906-268	N/A	906-274
984-038	9-32	Low Beam	8B138	906-270	N/A	906-274
984-039	9-32	High Beam	8B139	906-271	N/A	906-274

LED – Nordic CENTAURUS N460

Part No.	Voltage	Lens Pattern	Lens Code	Lens	Bezel	Mount Kit
986-002	18-32	Flood	8B133	906-261	906-264	906-265
986-001	18-32	Wide Flood	8B132	906-260	906-264	906-265
986-003	18-32	Low Beam	8B135	906-262	906-264	906-265
986-004	18-32	High Beam	8B136	906-263	906-264	906-265

Bezel screws supplied with bezel.

LED – Nordic SCORPIUS N4402

Part No.	Voltage	Lens Pattern	Lens Code	Lens	Bezel	Mount Kit
984-102	9-32	Flood	8B137	906-269	N/A	906-274
984-101	9-32	Wide Flood	8B134	906-268	N/A	906-274
984-103	9-32	Low Beam	8B138	906-270	N/A	906-274
984-104	9-32	High Beam	8B139	906-271	N/A	906-274

LED – Nordic SCORPIUS Pro 445

Part No.	Voltage	Lens Pattern	Lens Code	Lens	Bezel	Mount Kit
984-701	9-32	Flood	8B219	906-669	N/A	N/A
984-702	9-32	Ultra Wide Flood	8B214	906-671	N/A	N/A
984-703	9-32	Wide Flood	8B234	906-673	N/A	N/A
984-704	9-32	Spot	8B239	906-670	N/A	N/A

LED – Nordic CENTAURUS N4601

Part No.	Voltage	Lens Pattern	Lens Code	Lens	Bezel	Mount Kit
986-102	18-32	Flood	8B133	906-261	N/A	N/A
986-101	18-32	Wide Flood	8B132	906-260	N/A	N/A
986-103	18-32	Low Beam	8B135	906-262	N/A	N/A
986-104	18-32	Spot	8B136	906-263	N/A	N/A



Spare Parts

HID – Nordic N200

Part No.	Voltage	Lens Pattern	Lens Code	Lens & Reflector	Bezel	Body Assembly	Mount Kit	Power Lead	Tube	Ballast	Tube Lead
991-204	24	Flood	8B101	906-926	8A061	N/A	906-211	N/A	80009	N/A	N/A
991-203	24	Wide Flood	8B100	906-925	8A061	N/A	906-211	N/A	80009	N/A	N/A
991-201	24	Low Beam	8B019	906-901	8A061	N/A	906-211	N/A	80009	N/A	N/A
991-202	24	High Beam	8B021	906-902	8A061	N/A	906-211	N/A	80009	N/A	N/A

HID – Nordic N400

Part No.	Voltage	Lens Pattern	Lens Code	Lens & Reflector	Bezel	Body Assembly	Mount Kit	Power Lead	Tube	Ballast	Tube Lead
994-004	12	Flood	8B101	906-928	8A061	N/A	906-216	8K095	80037	8Z016	8K078
994-204	24	Flood	8B101	906-928	8A061	N/A	906-216	8K095	80037	8Z017	8K078
994-208	24	Flood (Amber)	8B026	906-909	8A061	N/A	906-216	8K095	80037	8Z017	8K078
994-249	24	Flood (Red)	8B025	906-931	8A061	N/A	906-216	8K095	80037	8Z017	8K078
994-003	12	Wide Flood	8B100	906-927	8A061	N/A	906-216	8K095	80037	8Z016	8K078
994-203	24	Wide Flood	8B100	906-927	8A061	N/A	906-216	8K095	80037	8Z017	8K078
994-001	12	Low Beam	8B019	906-901	8A061	N/A	906-216	8K095	80037	8Z016	8K078
994-201	24	Low Beam	8B019	906-901	8A061	N/A	906-216	8K095	80037	8Z017	8K078
994-002	12	High Beam	8B021	906-902	8A061	N/A	906-216	8K095	80037	8Z016	8K078
994-202	24	High Beam	8B021	906-902	8A061	N/A	906-216	8K095	80037	8Z017	8K078

HID – Nordic N45

Part No.	Voltage	Lens Pattern	Lens Code	Lens & Reflector	Bezel	Body Assembly	Mount Kit	Power Lead	Tube	Ballast	Tube Lead
990-058	12	Flood	8B099	906-921	906-968	906-964	N/A	N/A	80037	*	906-336
990-039	24	Flood	8B099	906-921	906-968	906-965	N/A	N/A	80037	*	906-336
990-054	12	Wide Flood	8B116	N/A	906-968	906-964	N/A	N/A	80037	*	906-336
990-040	24	Wide Flood	8B116	N/A	906-968	906-965	N/A	N/A	80037	*	906-336
990-086	12	Low Beam	8B130	906-971	906-968	906-964	N/A	N/A	80037	*	906-336
990-087	24	Low Beam	8B130	906-971	906-968	906-965	N/A	N/A	80037	*	906-336
990-059	12	Spot	8B085	906-949	906-968	906-964	N/A	N/A	80037	*	906-336
990-038	24	Spot	8B085	906-949	906-968	906-965	N/A	N/A	80037	*	906-336

* Ballast included with body assembly.

Halogen – Nordic N300

Part No.	Voltage	Lens Pattern	Lens Code	Lens & Reflector	Bulb – Heavy Duty		Bulb – Standard	
					12V	24V	12V	24V
937-003	12	Single Beam	8B077	906-180	80003	N/A	64151	N/A
937-004	24	Single Beam	8B077	906-180	N/A	80010	N/A	64156
930-003	12	Single Beam	8B077	906-174	80003	N/A	64151	N/A
930-004	24	Twin Beam	8B077	906-174	N/A	80010	N/A	64156

Halogen – Nordic N200

Part No.	Voltage	Lens Pattern	Lens Code	Lens & Reflector	Bezel	Bulb Heavy Duty	Bulb Standard
100155	24	Flood	8B101	906-230	8A002	80010	64156
100160	12	Flood	8B101	906-230	8A002	80003	64151
102155	24	Flood	8B101	906-230	8A002	80010	64156
102160	12	Flood	8B101	906-230	8A002	80003	64151
102176	24	Wide Flood	8B100	906-229	8A002	80010	64156
102186	12	Wide Flood	8B100	906-229	8A002	80003	64151
102114	24	Spot (High Beam)	8B021	906-021	8A002	80010	64156
102115	12	Spot (High Beam)	8B021	906-021	8A002	80003	64151

Halogen – Nordic N100

Part No.	Voltage	Lens Pattern	Lens Code	Lens & Reflector	Bulb Heavy Duty		Bulb Standard	
					12V	24V	12V	24V
100157	N/A	Flood (Single)	8B008	906-232	80003	80010	64151	64156
102141	12	Flood (Single)	8B008	906-232	80003	N/A	64151	N/A
102143	12	Flood (Single)	8B008	906-232	80003	N/A	64151	N/A
100149	N/A	Wide Flood (Single)	8B104	906-231	80003	80010	64151	64156
100151	24	Wide Flood (Single)	8B104	906-231	N/A	80010	N/A	64156
100156	12	Wide Flood (Single)	8B104	906-231	80003	N/A	64151	N/A
100158	N/A	Wide Flood (Single)	8B006	906-231	80003	80010	64151	64156
102142	12	Wide Flood (Single)	8B006	906-231	80003	N/A	64151	N/A

Halogen – Nordic N25

Part No.	Voltage	Lens Pattern	Lens Code	Lens & Reflector	Bulb Heavy Duty		Bulb Standard	
					12V	24V	12V	24V
100138	24	Flood	8B099	N/A	N/A	80010	N/A	64156
100145	24	Flood	8B099	N/A	N/A	80010	N/A	64156
100150	12	Flood	8B099	N/A	80003	N/A	64151	N/A
100133	24	Wide Flood	8B103	950-016	N/A	80010	N/A	64156
100134	12	Wide Flood	8B103	906-233	80003	N/A	64151	N/A
100137	24	Wide Flood	8B103	906-233	N/A	80010	N/A	64156
925-135	24	Reverse	8B056	906-233	N/A	80010	64151	64156
925-154	12	Reverse	8B056	906-233	80003	N/A	64151	N/A

Halogen – Nordic N500 Headlamp

Part No.	Voltage	Lens Pattern	Lens Code	Indicator Assembly	Lens & Reflector	Head Lamp Bulb		Indicator Bulb		Park Bulb	
						12V	24V	12V	24V	12V	24V
150007	N/A	Headlamp	N/A	957-001	8Q504	64193	64196	7507	9507	2825	2845
150017	N/A	Headlamp	N/A	957-001	8Q504	64193	64196	7507	9507	2825	2845

LED Interior Lighting – Heavy Duty Lamps

Part No.	Voltage	Replacement Protective Tube
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PO2440LED	10-30	T8D120WC



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