



Powerful and robust



LED Workla

m p s



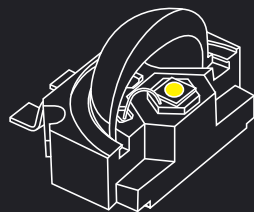


# NORDICLIGHTS

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.	<b>Theoretical Lumen Output :</b>	4300lm
	<b>Operating Lumen Output :</b>	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.





## Nordic Heavy Duty LED

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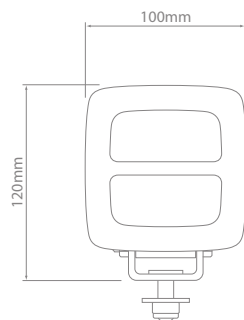
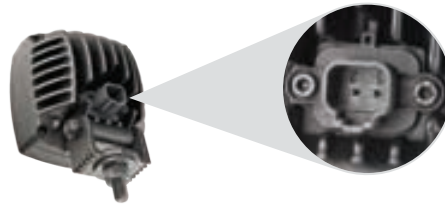
# Nordic Heavy Duty LED

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.

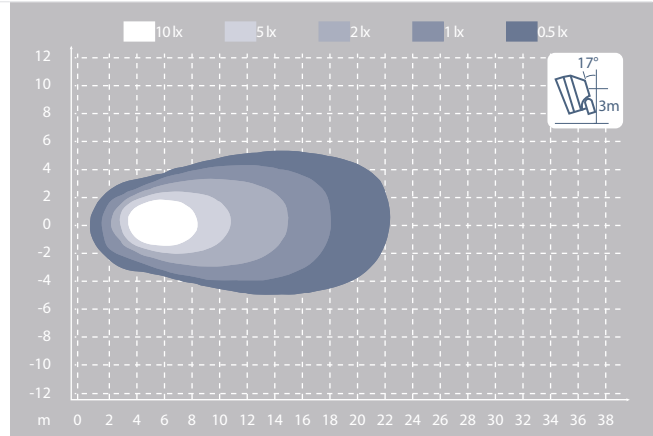
<b>Theoretical Lumen Output :</b>	1100lm
<b>Operating Lumen Output :</b>	700lm
<b>Operational Voltage :</b>	9-110V
<b>Input Current :</b>	0.7A @ 24V
<b>Max Power Consumption :</b>	17 Watts
<b>LED Lifetime :</b>	50,000 Hrs
<b>Connector :</b>	Deutsch DT Series 2 Pin
<b>Mount :</b>	Single Bolt M10
<b>Shock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



# Nordic Heavy Duty LED

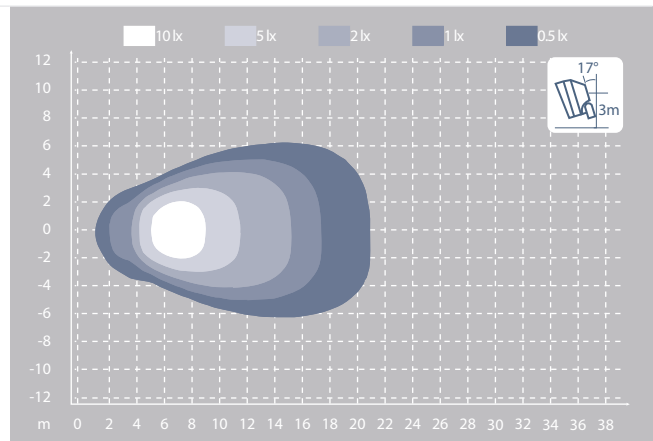
## SPICA LED N26 – Flood

Part No.                      Operational Voltage  
**981-202**                      **9-110**



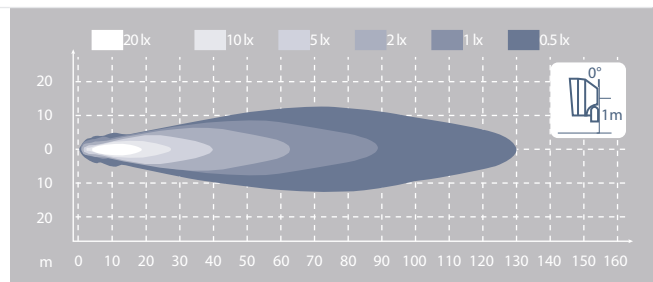
## SPICA LED N26 – Wide Flood

Part No.                      Operational Voltage  
**981-201**                      **9-110**



## SPICA LED N26 – Spot

Part No.                      Operational Voltage  
**981-203**                      **9-110**



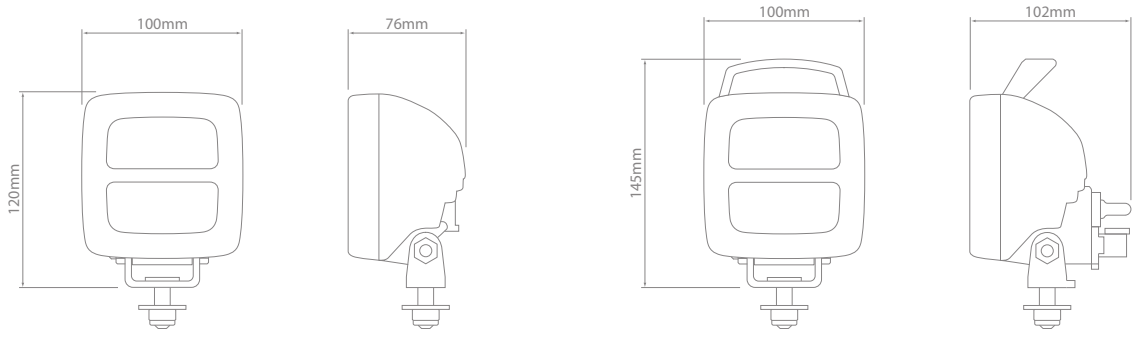
# Nordic Heavy Duty LED

SPICA LED N2401



- 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.

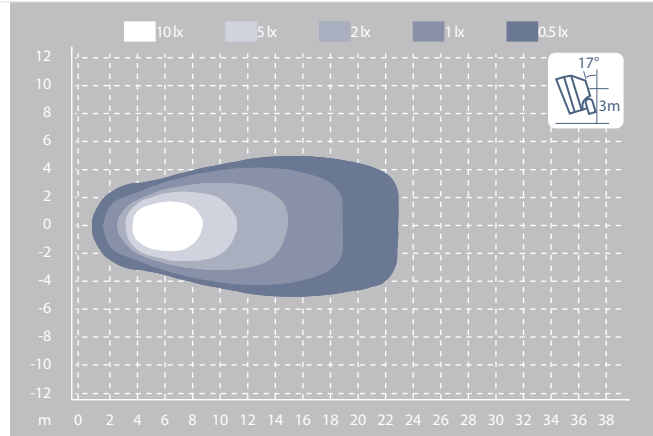
<b>Theoretical Lumen Output :</b>	1200lm
<b>Operating Lumen Output :</b>	750lm
<b>Operational Voltage :</b>	9-32V
<b>Input Current :</b>	1.0A @ 24V
<b>Max Power Consumption :</b>	24 Watts
<b>LED Lifetime :</b>	50,000 Hrs
<b>Connector :</b>	Deutsch DT Series 2 Pin
<b>Mount :</b>	Single Bolt M10
<b>Shock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



# Nordic Heavy Duty LED

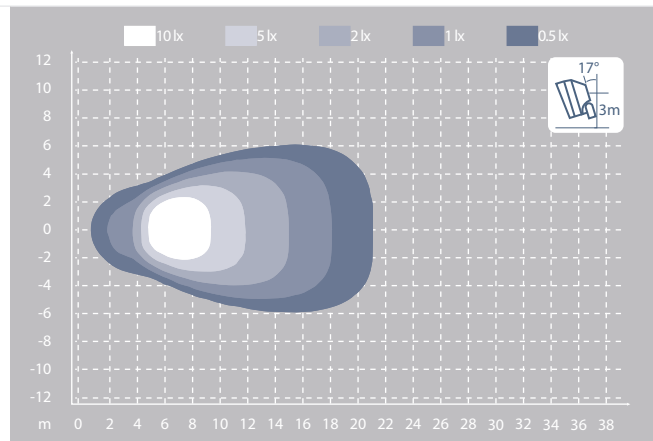
## SPICA LED N2401 – Flood

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



## SPICA LED N2401 – Wide Flood

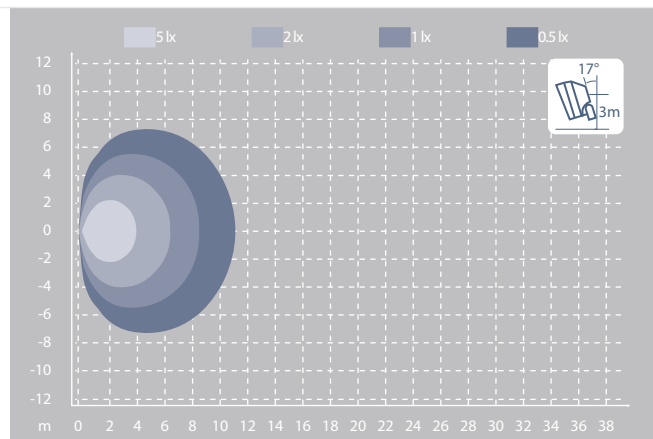
Part No.	Operational Voltage	Handle
981-301	9-32	No
981-319	9-32	Yes



## SPICA LED N2401 – Diffused

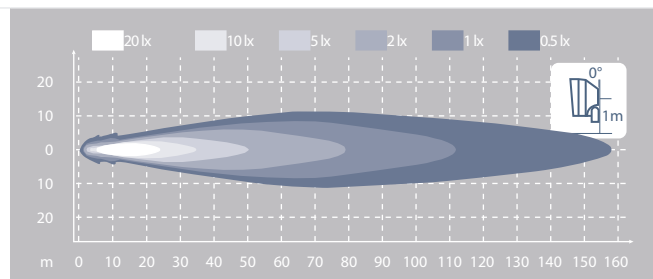
Part No.	Operational Voltage	Handle
981-311	9-32	Yes

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**

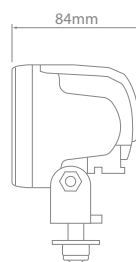
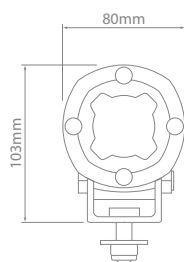


CANIS LED N2001

- 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.

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

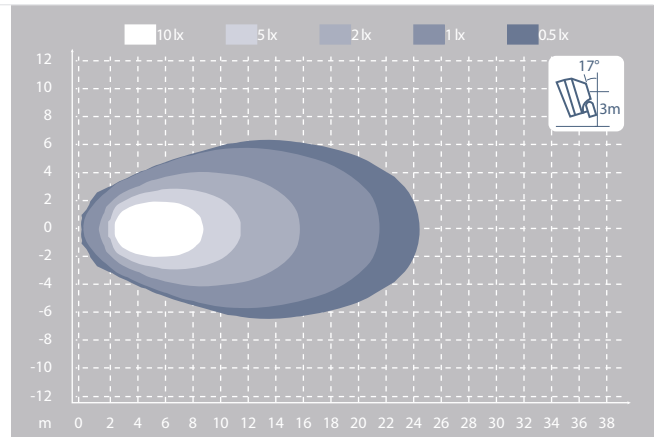
9V 68V IP68 IP 6K9K 5Yrs



# Nordic Heavy Duty LED

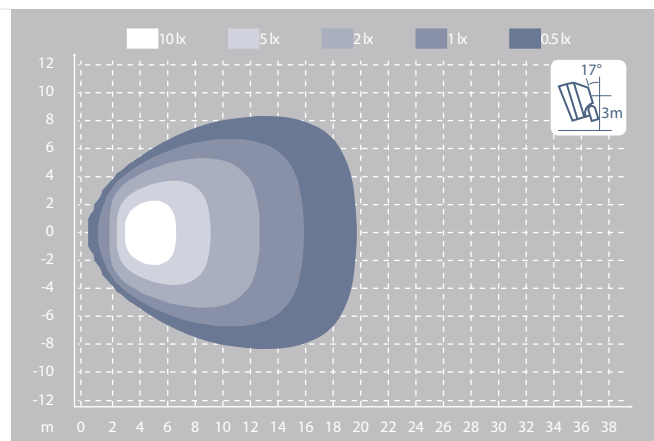
## CANIS LED N2001 – Flood

Part No. Operational Voltage  
**980-102** 9-68



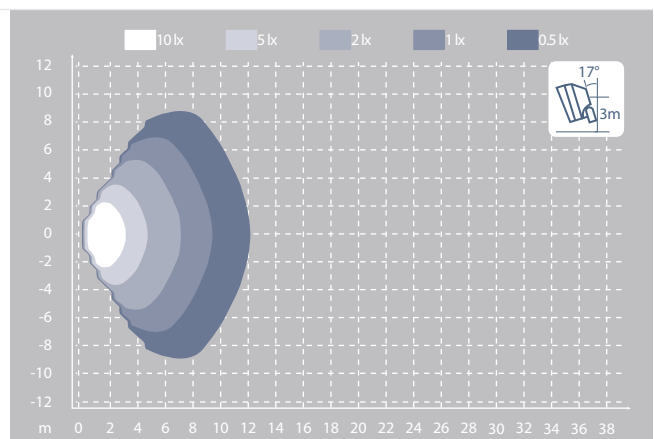
## CANIS LED N2001 – Wide Flood

Part No. Operational Voltage  
**980-101** 9-68



## CANIS LED N2001 – Ultra Wide Flood

Part No. Operational Voltage  
**980-104** 9-68



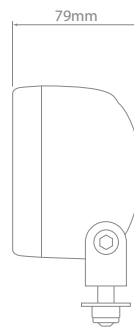
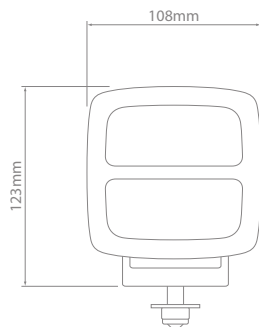
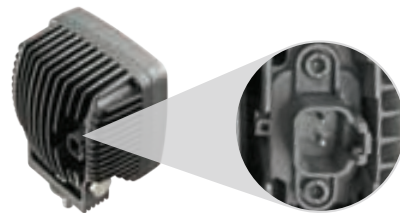
# Nordic Heavy Duty LED

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.

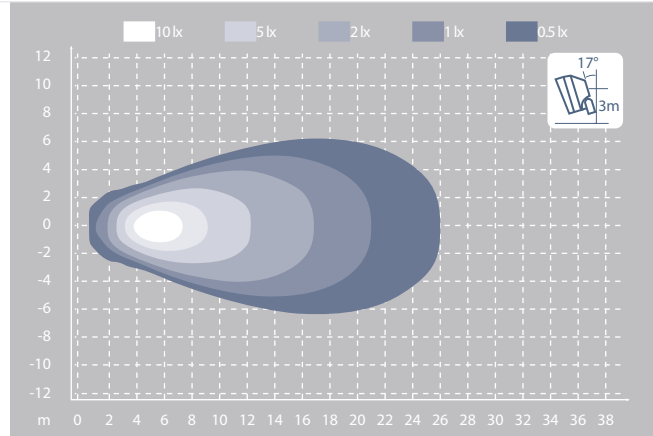
<b>Theoretical Lumen Output :</b>	2200lm
<b>Operating Lumen Output :</b>	1350lm
<b>Operational Voltage :</b>	9-32V
<b>Input Current :</b>	1.0A @ 24V
<b>Max Power Consumption :</b>	25 Watts
<b>LED Lifetime :</b>	50,000 Hrs
<b>Connector :</b>	Deutsch DT Series 2 Pin
<b>Mount :</b>	Single Bolt M10
<b>Shock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



# Nordic Heavy Duty LED

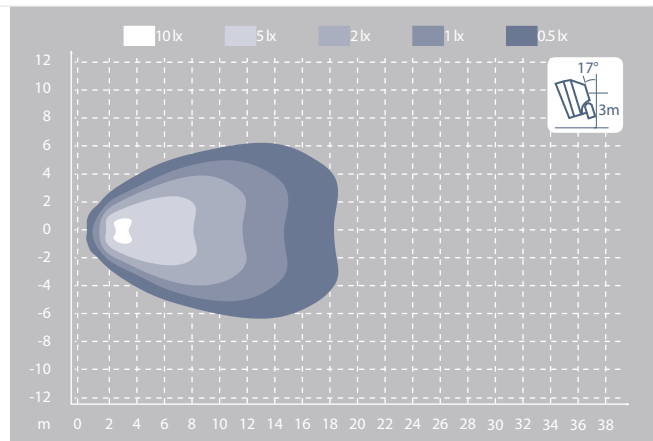
## SCORPIUS LED N42 – Flood

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



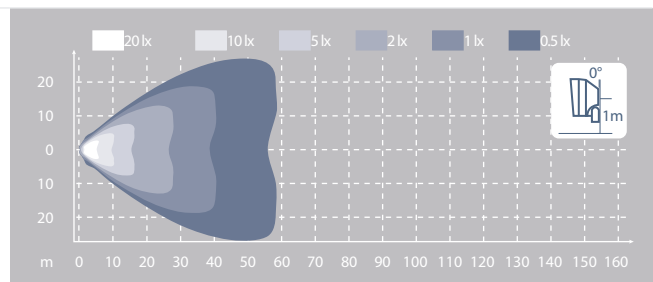
## SCORPIUS LED N42 – Wide Flood

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



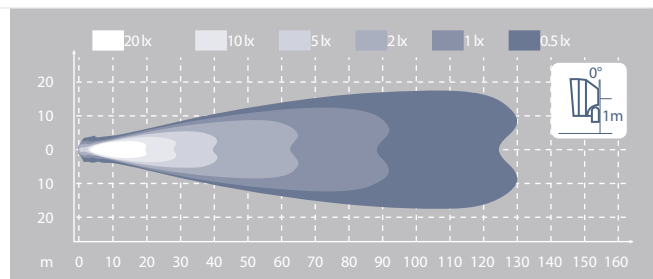
## SCORPIUS LED N42 – Low Beam

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

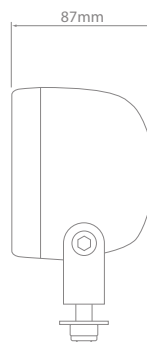
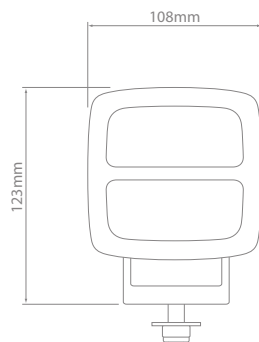
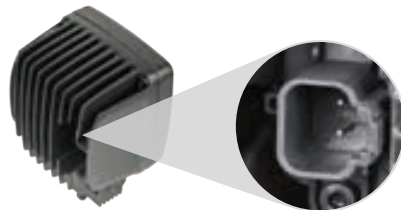
SCORPIUS LED N4406



- 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.

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

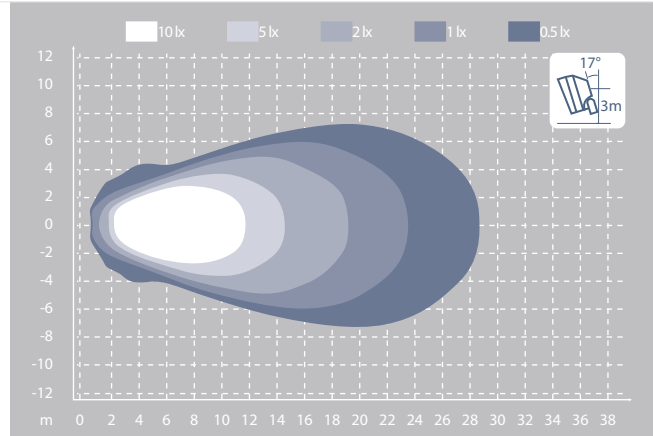
- 9V  
32V
- IP68
- IP  
6K9K
- 5Yrs



# Nordic Heavy Duty LED

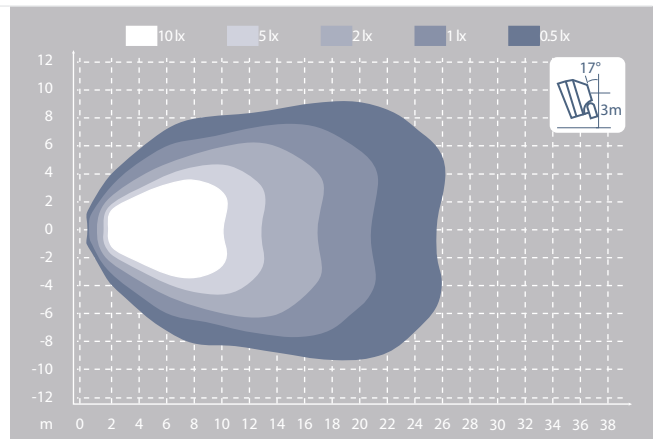
## SCORPIUS LED N4406 – Flood

Part No.                      Operational Voltage  
**984-037**                      **9-32**



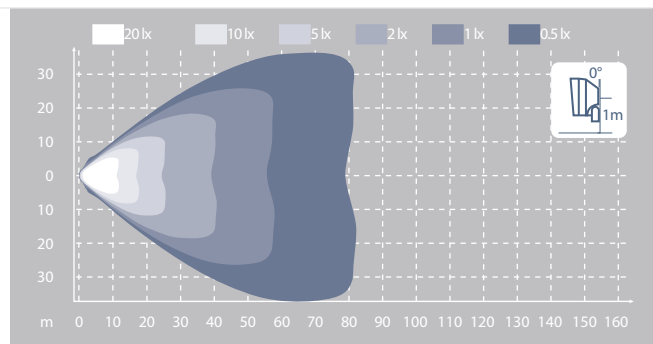
## SCORPIUS LED N4406 – Wide Flood

Part No.                      Operational Voltage  
**984-036**                      **9-32**



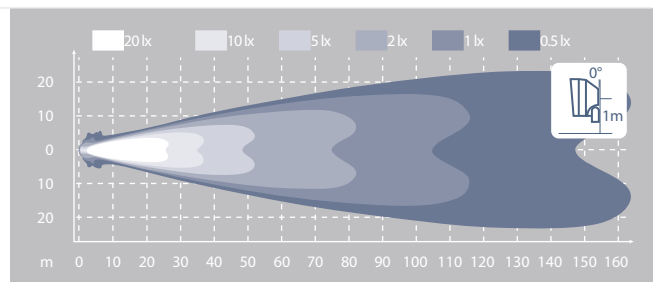
## SCORPIUS LED N4406 – Low Beam

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

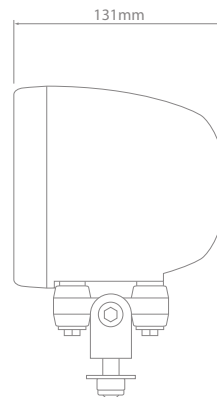
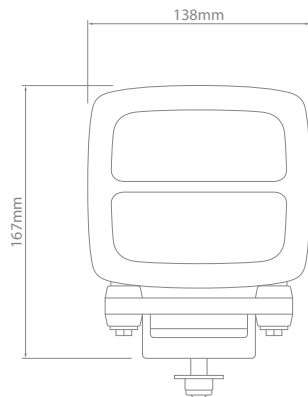


- Multi-voltage.
- Long life LEDs.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Extreme shock resistance.
- Heavy duty anti-vibration mounting system.
- Replaceable lens.
- Rotate lens for pendant mount.
- Deutsch DT connector encapsulated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

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

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

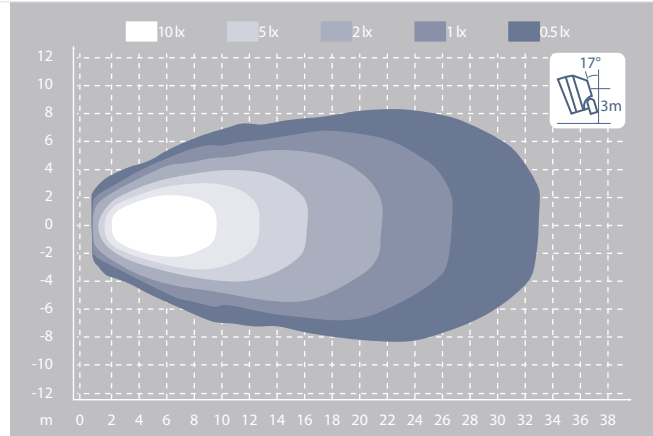
Heavy duty anti-vibration mounting system



# Nordic Heavy Duty LED

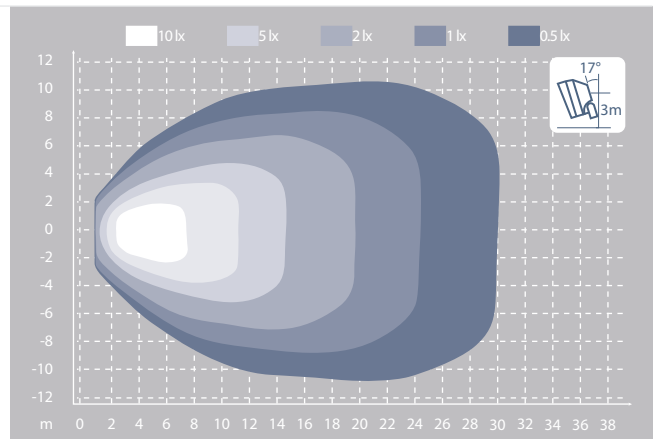
## CENTAURUS LED N460 – Flood

Part No. Operational Voltage  
**986-002** 18-32



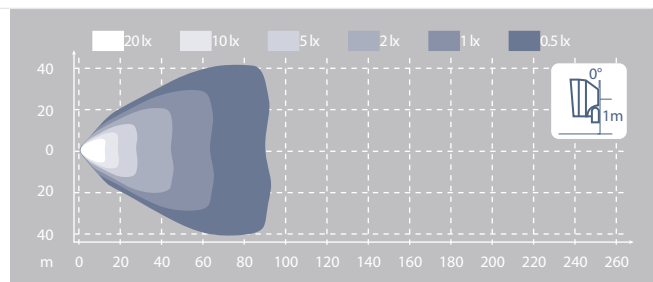
## CENTAURUS LED N460 – Wide Flood

Part No. Operational Voltage  
**986-001** 18-32



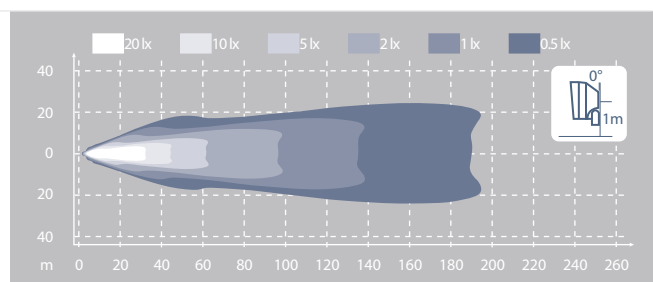
## CENTAURUS LED N460 – Low Beam

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**

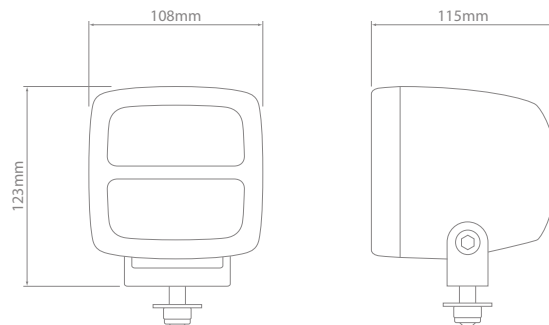
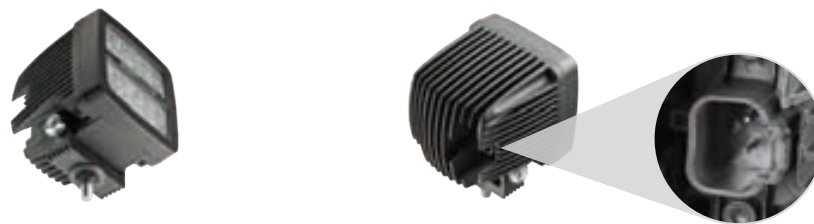
SCORPIUS LED N4402



- 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.

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

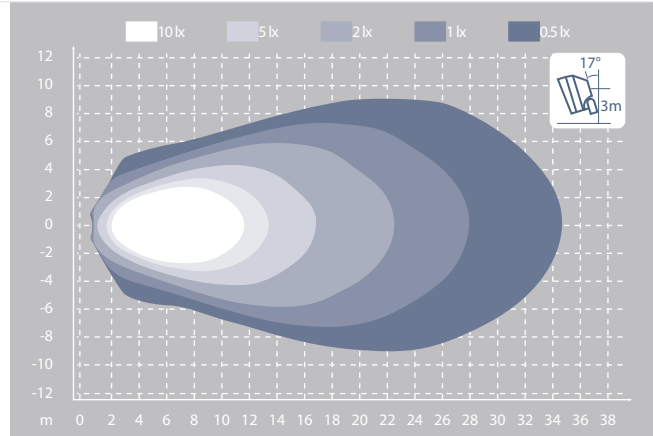
9V 32V IP68 IP 6K9K 5Yrs



# Nordic Heavy Duty LED

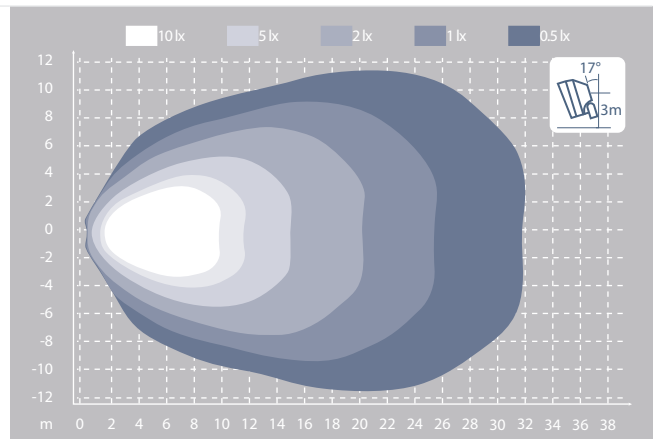
## SCORPIUS LED N4402 – Flood

Part No. Operational Voltage  
**984-102** 9-32



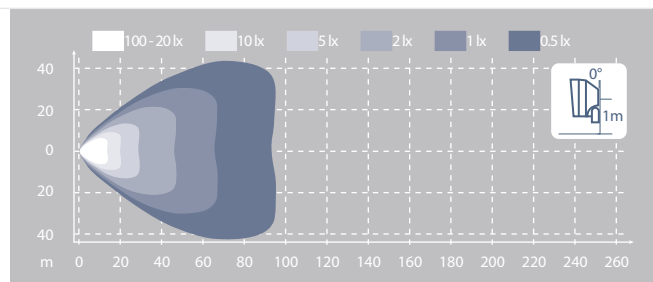
## SCORPIUS LED N4402 – Wide Flood

Part No. Operational Voltage  
**984-101** 9-32



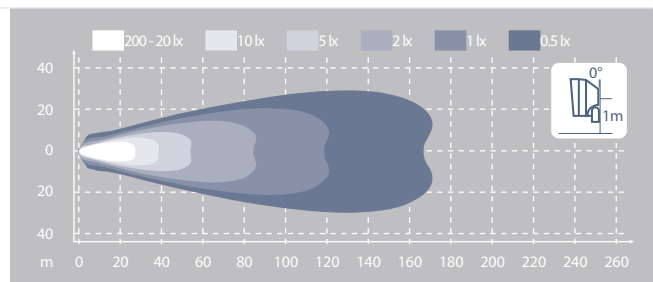
## SCORPIUS LED N4402 – Low Beam

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

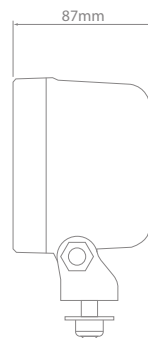
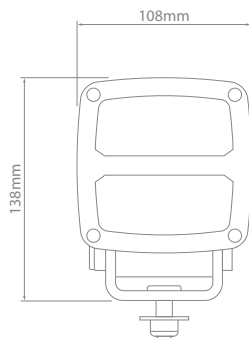
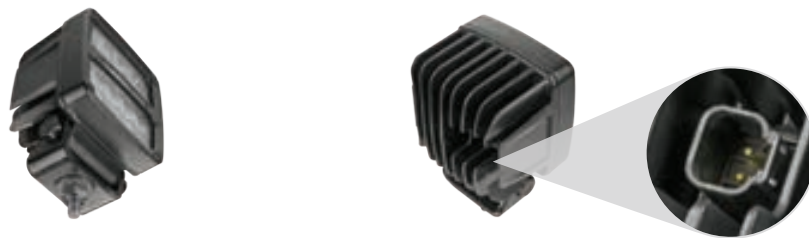
**NEW**



- 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.

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

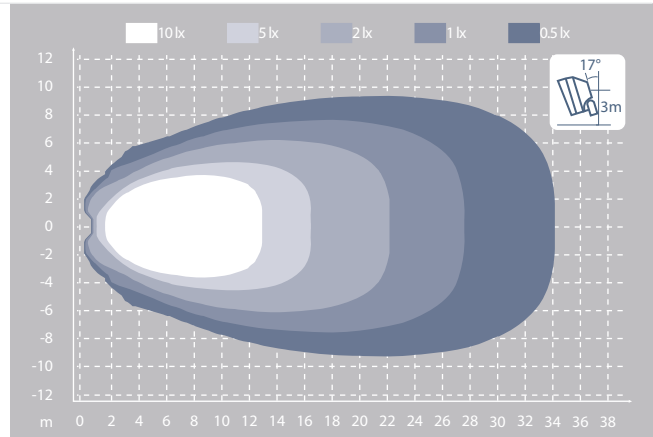
- 9V 32V
- IP68
- IP 6K9K
- 5Yrs



# Nordic Heavy Duty LED

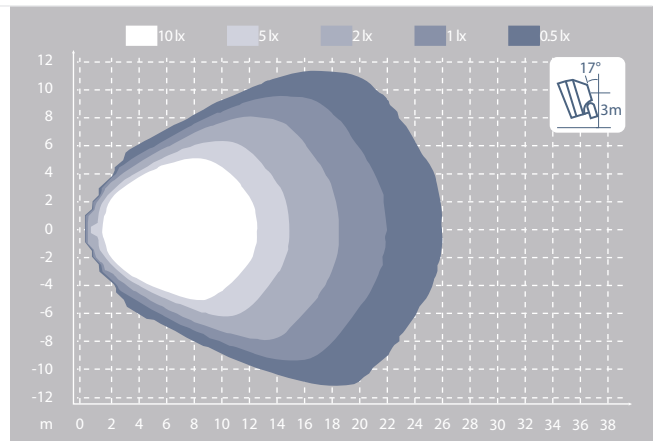
## SCORPIUS PRO 445 – Flood

Part No. Operational Voltage  
984-701 9-32



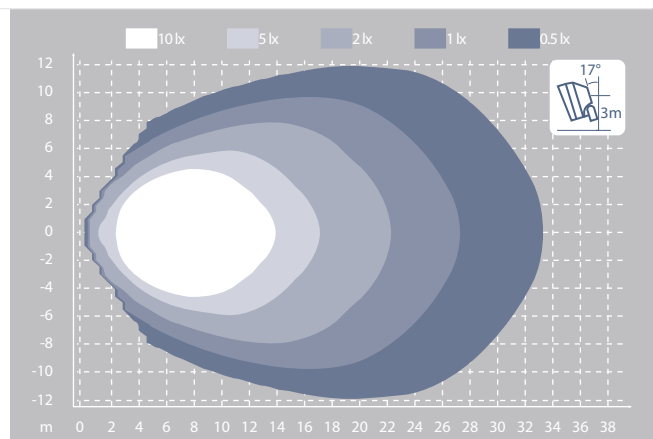
## SCORPIUS PRO 445 – Wide Flood

Part No. Operational Voltage  
984-703 9-32



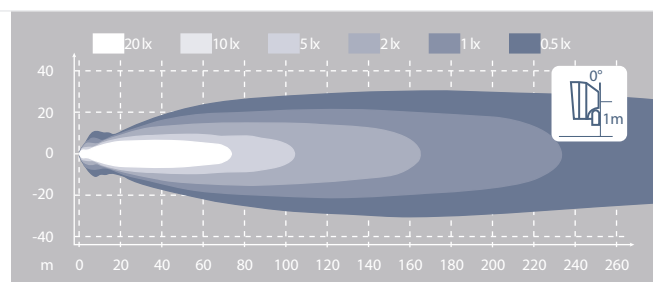
## SCORPIUS PRO 445 – Ultra Wide Flood

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.

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

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

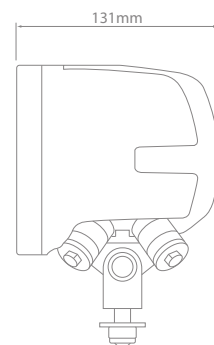
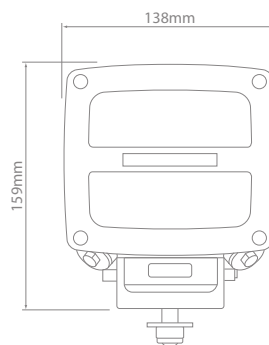
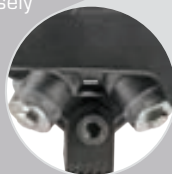
## QUAKE Mounting System

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.

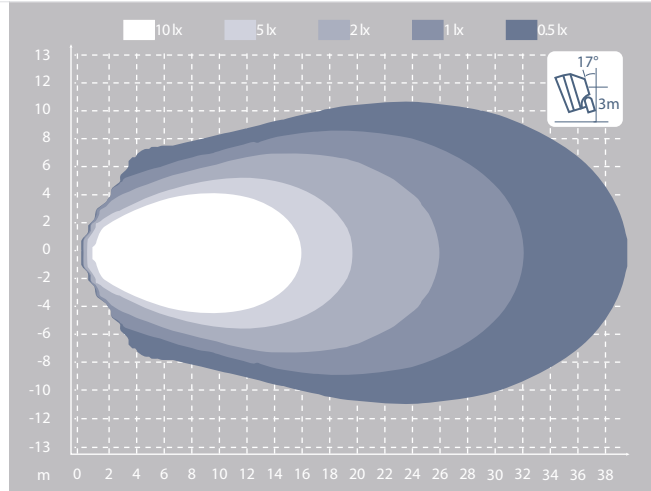
With this system, a worklamp will last longer and can withstand much more punishment reducing maintenance and downtime.



# Nordic Heavy Duty LED

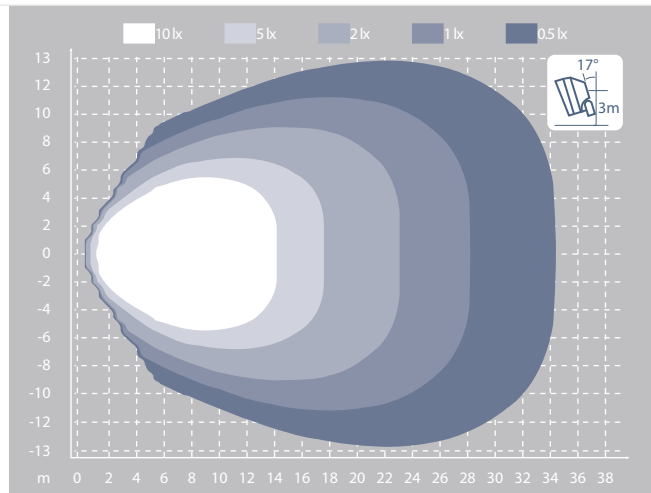
## CENTAURUS LED N4601 – Flood

Part No. Operational Voltage  
**986-102** 18-32



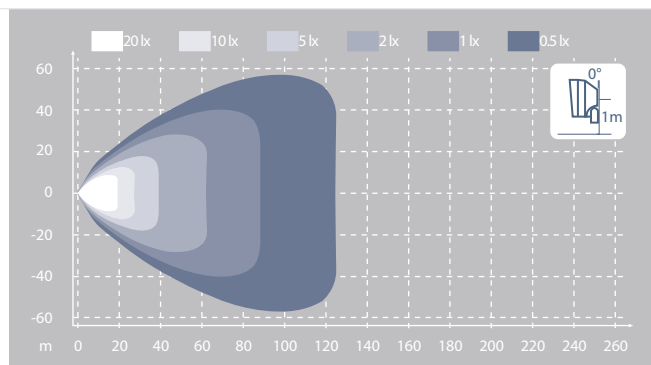
## CENTAURUS LED N4601 – Wide Flood

Part No. Operational Voltage  
**986-101** 18-32



## CENTAURUS LED N4601 – Low Beam

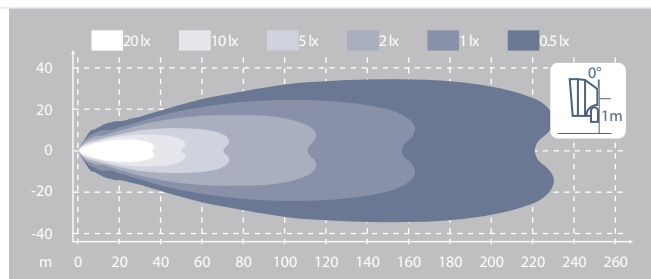
Part No. Operational Voltage  
**986-103** 18-32



## 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

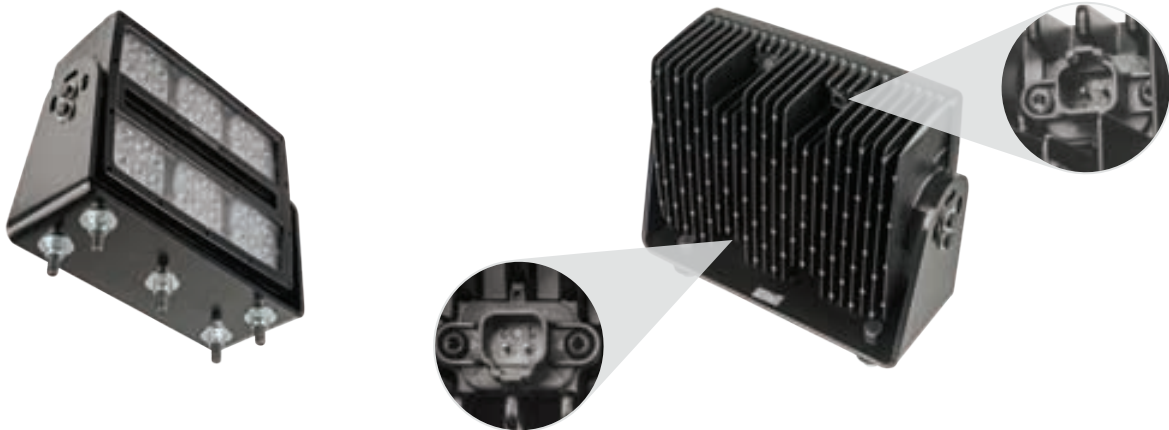


- 18V  
32V
- IP68
- IP  
6K9K
- 5Yrs

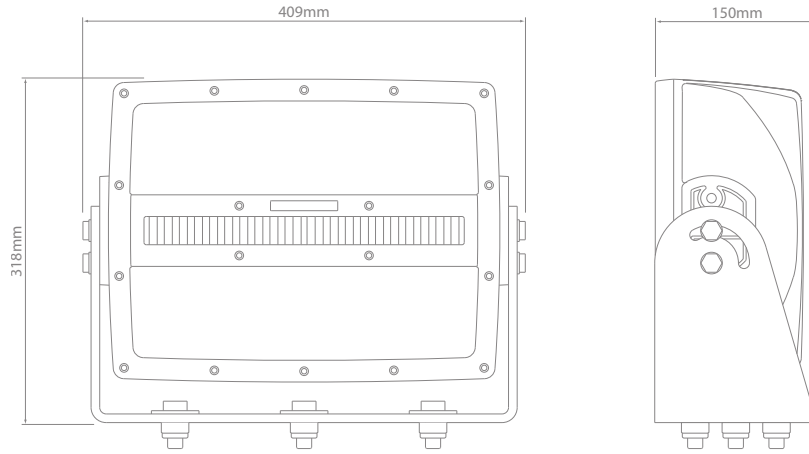
- Ultimate illumination – 40,300lm.
- Long life LEDs.
- Over voltage, over temperature, spike & polarity protected.
- Environmentally sealed cast alloy body.
- Replaceable lens.
- Individual connector for upper & lower lamps.
- Deutsch DT connectors encapsulated in body.
- 5 year warranty.

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

*Non stocked item, lead times apply*

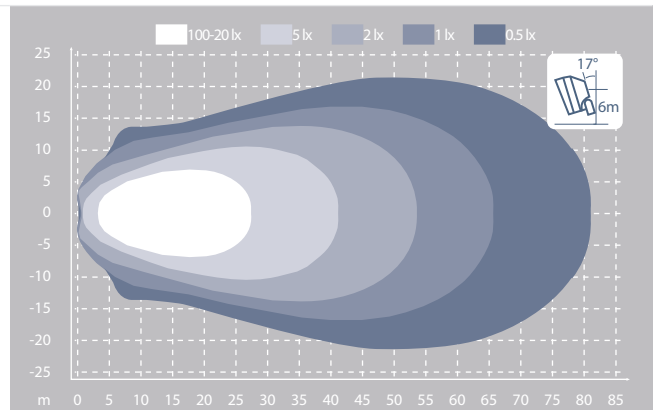


# Nordic Heavy Duty LED



## GEMINI LED N4701 – Flood

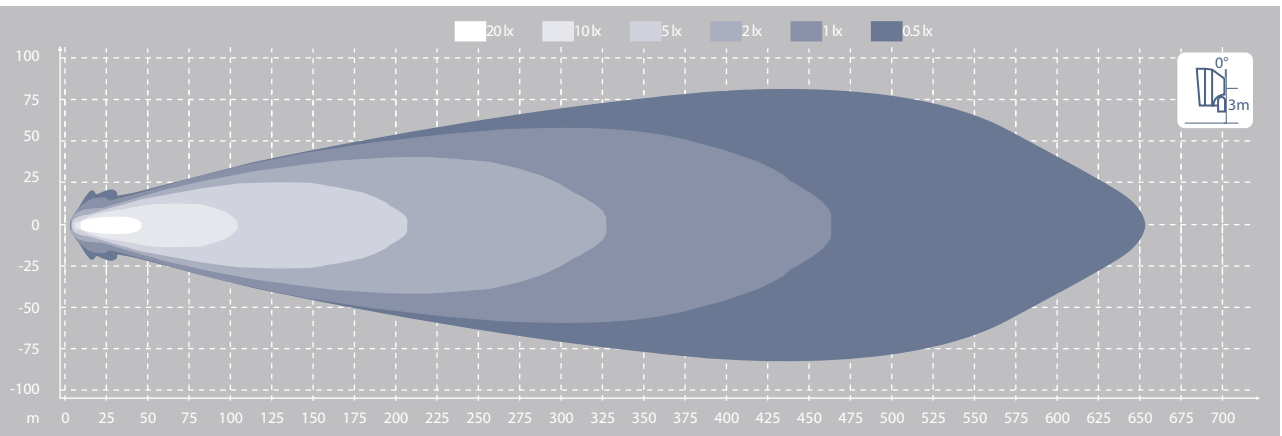
Part No.                      Voltage  
**984-401**                      **24**



## GEMINI LED N4701 – Spot \*

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

\* Not recommended for high beam due to extreme brightness.

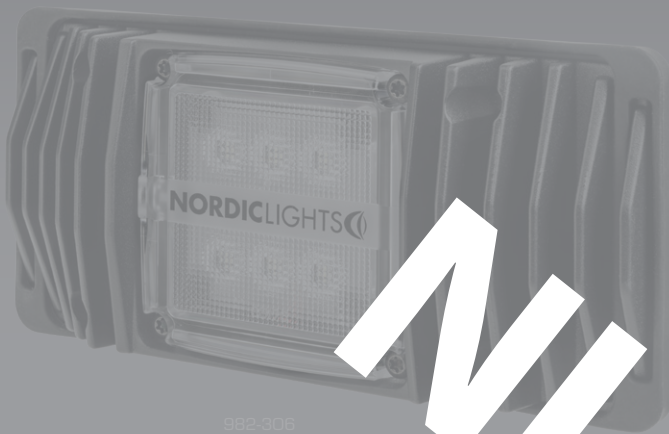




# Nordic Heavy Duty LED

NEW

KL LED



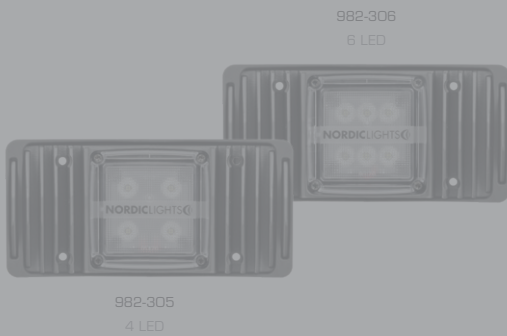
982-306

- 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	

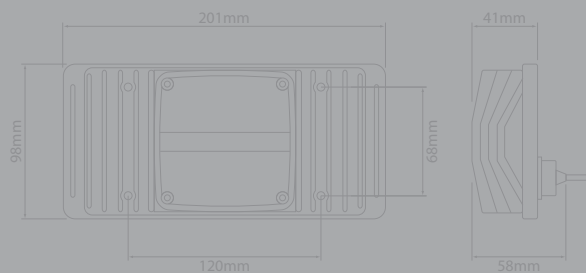
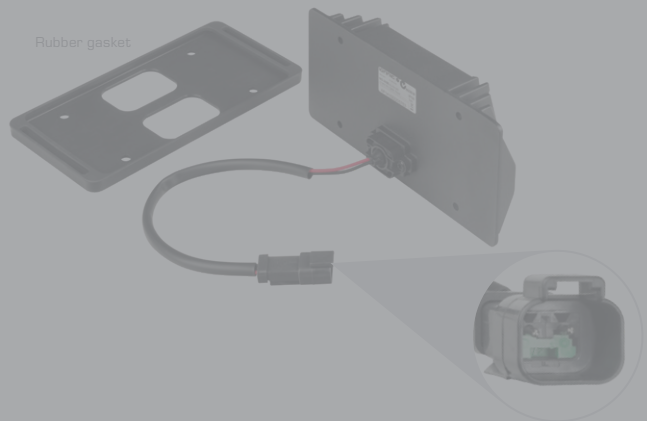
- 9V / 32V
- IP68
- IP 6K9K
- 5Yr<sup>5</sup>

MEGA



982-305  
4 LED

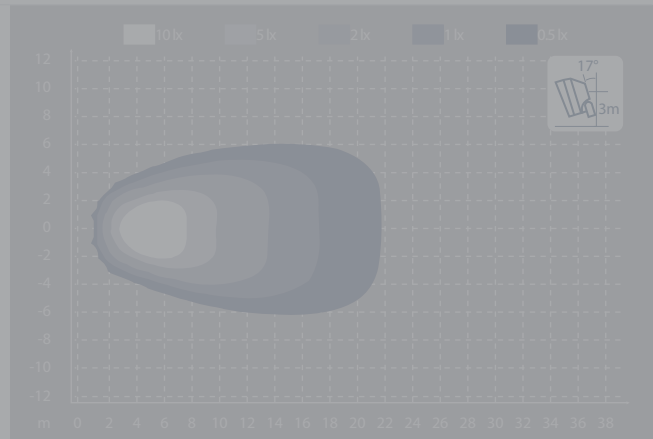
982-306  
6 LED



# 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



**NEVA**



# Nordic Heavy Duty LED

**NEW**

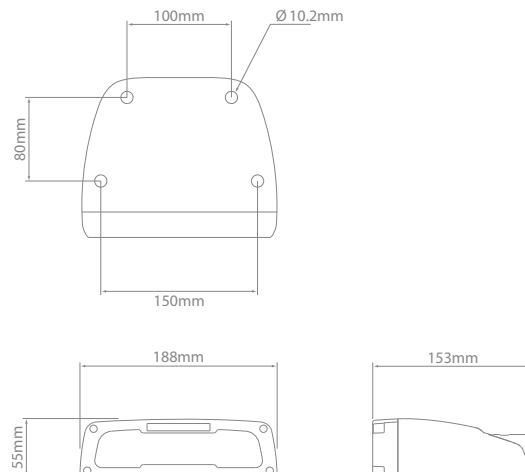
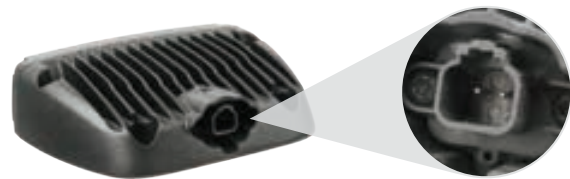
PICTOR LED N7301



- 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.

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

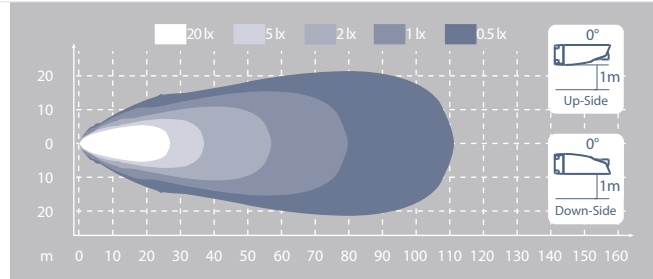
- 9V 32V
- IP68
- IP 6K9K
- 5Yrs



# Nordic Heavy Duty LED

## PICTOR LED N7301 – Flood

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



## Light Distribution

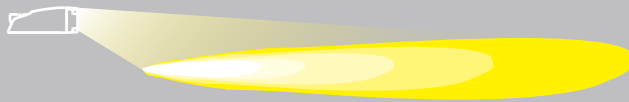
The Nordic PICTOR LED N7301 Worklamp is available in two light patterns – Up-Side or Down-Side. The Up-Side light pattern is diametrically opposed to the Down-Side pattern. Depending on the position and orientation of the mounted worklamp, one light pattern will be more appropriate than the other.

Up-Side light dispersion version

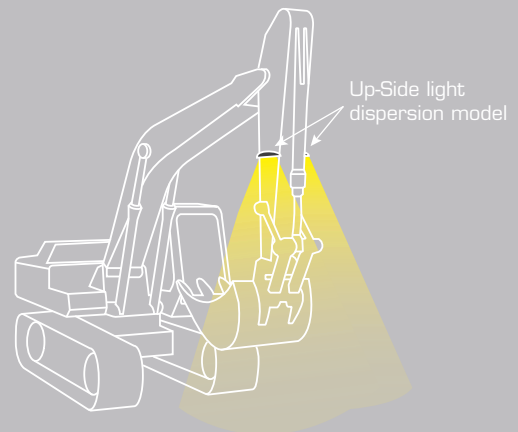


Light is illuminating toward upper side of the worklamp

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.

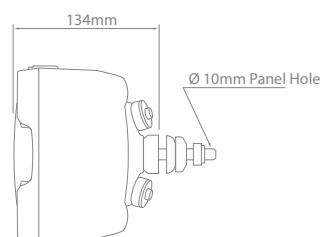
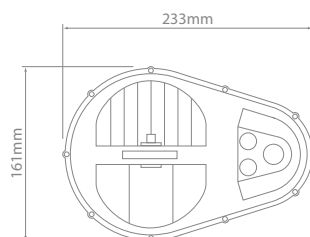
<b>Operational Voltage :</b>	9-32V
<b>Max Power Consumption :</b>	High Beam 44 Watts Low Beam 22 Watts
<b>LED Lifetime :</b>	50,000 Hrs
<b>Connector :</b>	Deutsch DT Series 6 Pin
<b>Mount :</b>	Single Bolt M10 - Articulated
<b>Shock :</b>	60G
<b>Vibration :</b>	15.3 Grms 24-2000Hz
<b>Lens :</b>	PC
<b>Body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



Heavy duty mounting system



Deutsch DT connector encapsulated in body

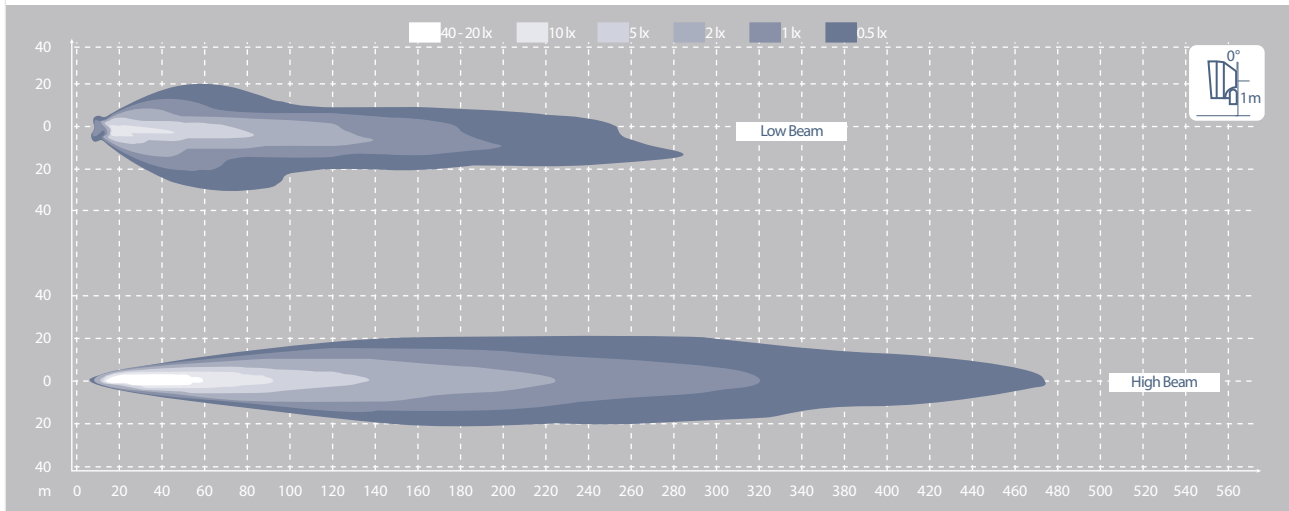


# Nordic Heavy Duty LED

## 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.

