



NORDICLIGHTS 
ENGLISH

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Abbreviations

D	Dampening	QD	Quake Dampening	TP	Twin Power
ECE	European Union Traffic Regulations	R	Reverse	TT	Upright Pedestal mount (Top Top)
DS	Down Side	RH	Right Hand mount	US	Up Side
F	Flushmount	S	Side mount	V	Version
G	Generation	SAE	USA Traffic Regulations	XD	Extreme Heavy Duty Dampening
H	Handle	SD	Super Dampening		
HS	Handle & Switch	SP	Single Power		
LH	Left Hand mount	TD	Suspended Pedestal mount (Top Down)		

NORDICLIGHTS

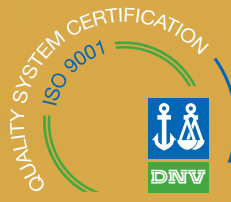
A powerful machine requires powerful lights. The success of NORDIC LIGHTS® products is based on their durability. This is the number one criterion for our customers. Hence, our slogan: "Lights for Heavy Duty". All our products go through extensive test procedures before their release on the market. Our products utilize our patented dampening solutions.

The NORDIC LIGHTS® work lights are used in the most difficult and demanding working environments all over the world. The visibility offered by the high quality optics of the lights supports your machines in maintaining high working efficiency during dark working hours while the lights themselves need very little maintenance. The use of NORDIC LIGHTS® products ensures that darkness, vibration, shock, dust and humidity will not affect visibility when the results of your work and safety depend on effective lighting.

NORDIC LIGHTS® aims to offer the right solution to each customer. As a result, a large number of our manufactured products are tailor-made. Combinations of different light patterns, brackets, vibration dampeners and cable connections can be applied to optimize a light for different applications and a specific set of conditions.

NORDIC LIGHTS® is a company based in Finland which designs and manufactures LED, HID (Xenon) and Halogen work lights for the heavy duty on-road and off-road industry as well as innovative Xenon driving lights. We remain a pioneer in supplying light technology to heavy duty equipment.

Our products can be found on machines and vehicles within the mining, construction, forestry, agricultural, material handling, truck, trailer & emergency and vessel industries. We supply lighting solutions to many of the world's leading manufacturers of heavy duty machinery. We continuously improve our performance while minimizing the environmental impact of our operations and our products. We utilize Six Sigma methodologies and are certified according to the ISO 9001 and ISO 14001 standards.



Business Mission

NORDIC LIGHTS® provides optimal, sustainable lighting solutions with superior durability for equipment even for the most demanding conditions.

We outperform our competitors by applying the best available technology along with outstanding customer service provided by our well trained, dedicated personnel.



NORDIC LIGHTS® – the factory in Jakobstad, Finland

Tailored Lighting Solutions

NORDIC LIGHTS® has years of experience in developing and manufacturing durable work lights. This has also produced a competent team of engineers that utilize their expertise in optics, electronics, material properties and dampening solutions. We work with the most up-to-date light simulation software in order to establish specific working environments and analyse the behaviour of light on different types of apparatus. NORDIC LIGHTS® has its own modern extensive state-of-the-art light laboratory. All these resources provide our company with unique working conditions and opportunities to test and develop lights, not only to develop our own range of work lights and versions to meet customer requirements, these engineering capabilities also enable

NORDIC LIGHTS® to develop its unique customized lights, tailored for the specific needs and appliances required by each individual customer. By choosing us as your partner You will have a light built to last.



NORDIC LIGHTS® – the light laboratory

Increased Efficiency

Choosing NORDIC LIGHTS® as your supplier is the best alternative if you want to play it safe. We will help you boost your efficiency by the concept of our products. You have the opportunity of getting a light customized to suit your applications and working environments. With our engineering expertise we can create a unique light - just for you! The fact that we have our own extensive R&D department and laboratories enhances our capabilities to develop our own range and tailor made options. NORDIC LIGHTS® implements just-in-time deliveries. In this way, you can feel safer when it comes to the deliveries and need to keep a smaller stock. The durability of our lights also minimizes any unscheduled maintenance of your equipment. Flexibility and customer orientation have always been key words for our operations.

Technology has evolved. And so have we!



Fire torch
790,000 B.C.



Oil lamp
10,000 B.C.



Candles
300 B.C.



Bulb
1879 A.D.



Halogen
1964 A.D.

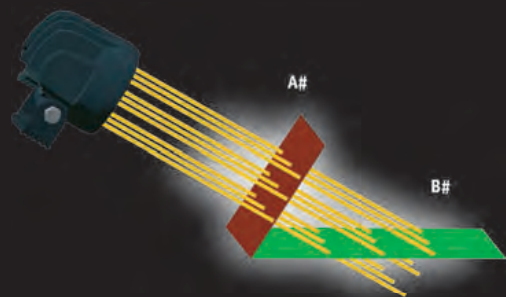
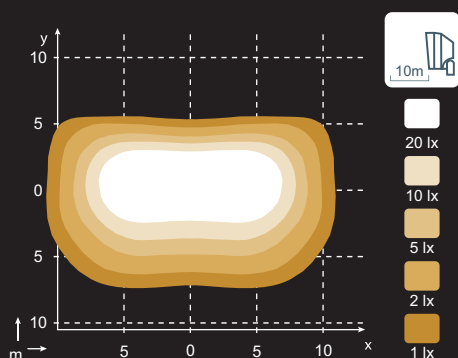


HID
1991 A.D.



High Power LED
1996 A.D.

Low Beam projected on wall at 10m



Light Patterns

Whatever Your lighting requirements, NORDIC LIGHTS® can supply the work light to suit Your applications. Through our engineering expertise in lens and reflector technology NORDIC LIGHTS® can offer a range of light patterns to meet your needs. Our light patterns can be classified as High Beam (long distance ahead), Low Beam (short distance ahead), Flood (for work close to the application), Wide Flood and Super Wide (for lighting up the whole work area close to the application). As lighting experts we can also offer different light colours for specific work environments.

Angle of light and light patterns

When simulating light in the development of light you apply the functions of angles by means of the Cosine law. This law states that the illumination on two planes is proportional to the cosine of the angle between the two planes and the angle of the light rays. In the picture to the left two planes receive the same number of rays from the light. However, since the surface of #B is larger than the surface of #A the illumination (in Lux values) will be less on the surface of #B compared to the surface of #A. Many light producers – in their light patterns - show the illumination on the surface of #A in their light patterns while NORDIC LIGHTS® shows the illumination on the surface of #B because the surface of #B normally corresponds more accurately to work areas in real-life conditions. With Auxiliary Driving lights, High Beam and Low Beam, NORDIC LIGHTS® refer to the surface of #A.

Heavy duty mounting

NORDIC LIGHTS® patented Heavy Duty mounting systems absorb vibration and shocks protecting the work light and prolonging the bulb life. The HD mount offers extreme anti-vibration dampening. Lights are available both as Damp (with Anti-Vibration dampener) and Undamp (without dampener). Mountings comprise: TT (Upright Pedestal mount - Top Top), TD (Suspended Pedestal mount - Top Down), RH (Right-Hand side mount) and LH (Left-Hand side mount).

Quality - Not Just Any Light

When you choose a NORDIC LIGHTS® product, You are not just choosing any light. You are choosing a HEAVY DUTY lighting solution. All NORDIC LIGHTS® models are exposed to extensive testing before being approved. This is one of the main reasons why NORDIC LIGHTS® work lights operate all over the Globe.

Vibration & Shock

The lights are placed in high vibration on all three perpendicular axes for a minimum of three hours on EACH AXIS. The lights are then exposed to shocks of up to 60G. These tests simulate different vibrations which the light is exposed to when mounted on apparatus at work including the punishment of falling objects and collisions in the work area.



Engineer adjusting work light during warm-up before test

Dust & Humidity

The light is placed in a closed chamber and free-moving dust is blown into the chamber to circulate for several hours to test the dust sealing. There are numerous methods of testing humidity. For instance, the light is dropped into a pool of water for several hours. The light is then switched on and runs until it heats up as in a real-life situation only to get tormented under a shower of cold water with ice floes. The light is also spun around while a high pressure jet of water is fired against the light which experiences constant changes in the pressure and temperature of the water. As well as the various IP tests (different official IP categories state how well a product is protected from materials such as dirt and water), the lights also undergoes a Salt Spray test. During the Salt Spray test the light is placed in a concealed chamber and continuously sprayed with salt for over 240 HOURS. These tests check that no rain, splash water, high pressure cleaning or foreign material (e.g. dust) penetrate the light.

Heat and Cold

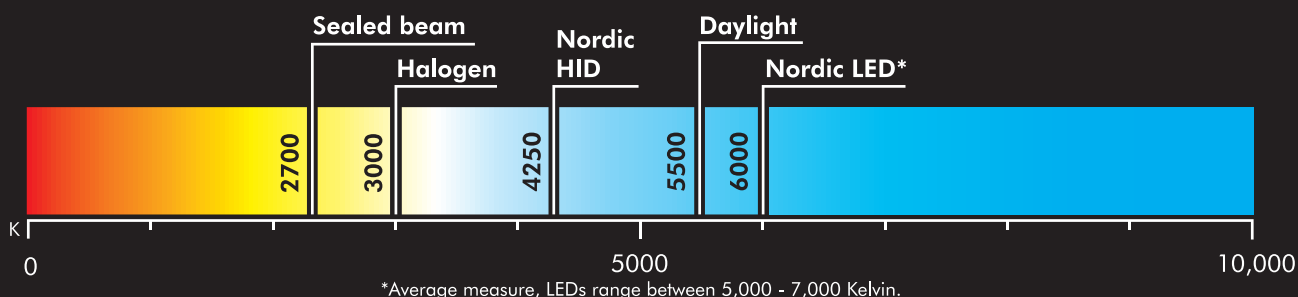
As well as the changes in temperature in the water tests mentioned above the lights are also exposed to complete repetitive thermal cycles. The light turns in a sealed environment where the temperature is raised from deep below zero to very hot before being lowered again to well below zero and so on. Whether your job needs to be done in tropical or arctic conditions, we will have thought it all through for You!

Electro Magnetic Compatibility

NORDIC LIGHTS® products are exposed to extensive EMC testing (Electro Magnetic Compatibility). The work environment sets the demands on how much interference may be emitted by the light and how immune the light must be to outside interference. The extent of radio frequency interference emitted is tested in closed laboratories, i.e. emission radiated through the air measured by antennae and emission through cables measured with radio EMI receivers. The immunity of the light is tested on several levels in the laboratories. The radio frequency immunity is tested by sending calibrated frequencies through an antenna towards the light and by placing the light between strip-line cables. By connecting a generator to the light it is exposed to intense or long-lasting voltage peaks and dips. The light is also punished with electro-static discharges deployed by a discharge gun directly or through the air. This is to make sure that voltage changes do not break the light. These tests check whether the electronics in the lamp are compatible with the other equipment in the work area.

Light Source Comparison

Colour temperature in Kelvin



Lux 1 lux equals 1 lumen per square metre.

Lumen A measurement of the power of light perceived by the human eye. The total light output in every direction, indicates how well an area is illuminated.

Kelvin The colour temperature of light is measured in Kelvins since the colour ranges from red through yellow and white to blue.

Candela The light output in one given direction at the source of the light.

LED Technology

LED (Light Emitting Diode) is a semi-conductor device emitting photons when the diode's p-n junction is forward-biased by an electrical current. The lifespan - up to 50,000 work hours – by far outlives any bulbs. The LED lights are maintenance-free with low power consumption. There is also an advantage in the size since the LED diodes are very small and the direction of the light emitted is easier to direct. High Power LEDs give a cool blue-white colour temperature to maximize light output. The LED technology is very suitable for NORDIC LIGHTS® Heavy Duty work lights due to the high resistance to shock and vibration.



Xenon - HID Technology

HID (High Intensity Discharge) commonly known as gas discharge (often referred to as Xenon – the chemical element), offers many technological advantages over conventional halogen lights – most notably, higher colour temperature, reduced heat and a considerably longer lifetime (on average 10 times that of a standard halogen bulb). The light is produced by two electrodes positioned close together in a small gas-filled quartz tube. The illumination of an HID light is considerably brighter and greater compared with a halogen light - in other words, twice the illumination of a 70W halogen for only half the power consumption. Also, the light emitted is very similar to daylight.



Halogen Technology

HALOGEN or an incandescent (heat-driven) light works by passing an electric current through a tungsten filament to make it glow. Up to 90% of the power input is wasted in heat. The NORDIC LIGHTS® Halogen work lights use only high-quality Heavy Duty bulbs supplied by one of the world's leading manufacturers. A standard halogen bulb has a lifetime of approximately 500 hours. Halogen technology offers a considerably more affordable solution for your lighting needs. With NORDIC LIGHTS® optics and patented dampening solutions you will get a richly durable, easily serviceable light, providing a lot of light for your money.



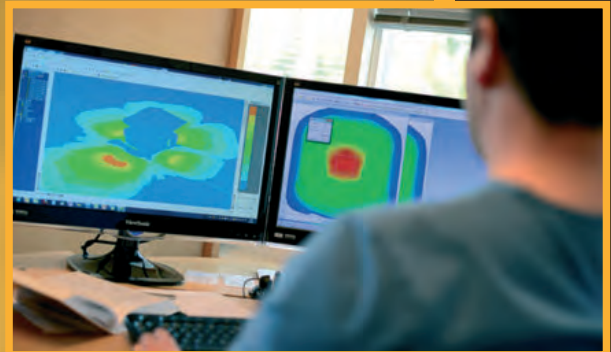
Development Process according to AIAG APQP

- Plan and Define
- Product Design and Development
- Process Design and Development
- Product and process Validation
- Feedback, Assessment and Corrective Actions



R&D Analysis Tools

- Mechanical Design Software
- Mechanical Properties Analysis and Simulation Software
- Thermal Design and Simulation Software
- Optical Design and Simulation Software
- Analysis Software
- LAB Facilities
 - Mechanical
 - Electrical
 - Optical



Production

- Continuous improvement
 - 5S and Kaizen
 - Six Sigma system (with Black Belt experts)
- Quality management
 - ISO/TS 16949 compatibility
 - ISO 9001
 - ISO 14001
 - Traceability, labeling and test results recorded for each lamp



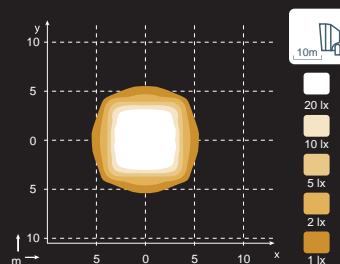
Different Light Patterns

NORDIC LIGHTS® work lights come with different light patterns to match your specific lighting solution needs. Generally, our light patterns can be classified as follows: High Beam, Low Beam, Flood and Wide Flood.

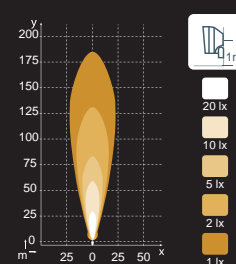
High Beam

A High Beam light pattern is quite narrow, focusing straight ahead, producing a long-distance range of light.

High Beam projected on wall at 10m



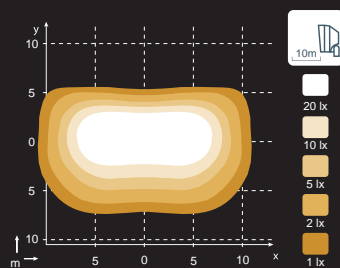
High Beam projected on surface #A



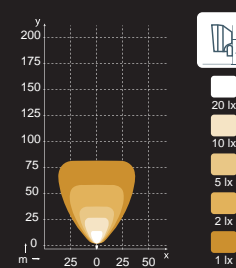
Low Beam

A Low Beam light pattern is notably wider, still focusing straight ahead, producing a short-distance range of light.

Low Beam projected on wall at 10m



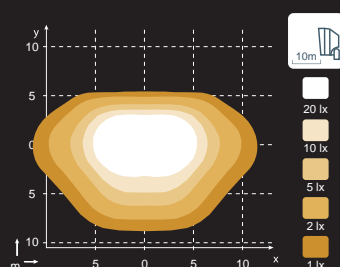
Low Beam projected on surface #A



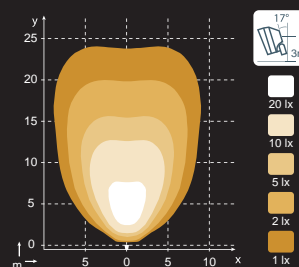
Wide Flood

A Wide Flood light pattern has a very wide spread of the light for lighting up the whole work area close to the application.

Wide Flood projected on wall at 10m



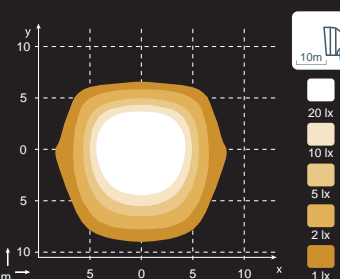
Wide Flood projected on surface #B



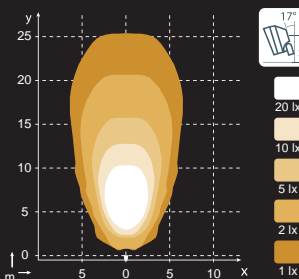
Flood

A Flood light pattern has a wide spread of light for work close to the application.

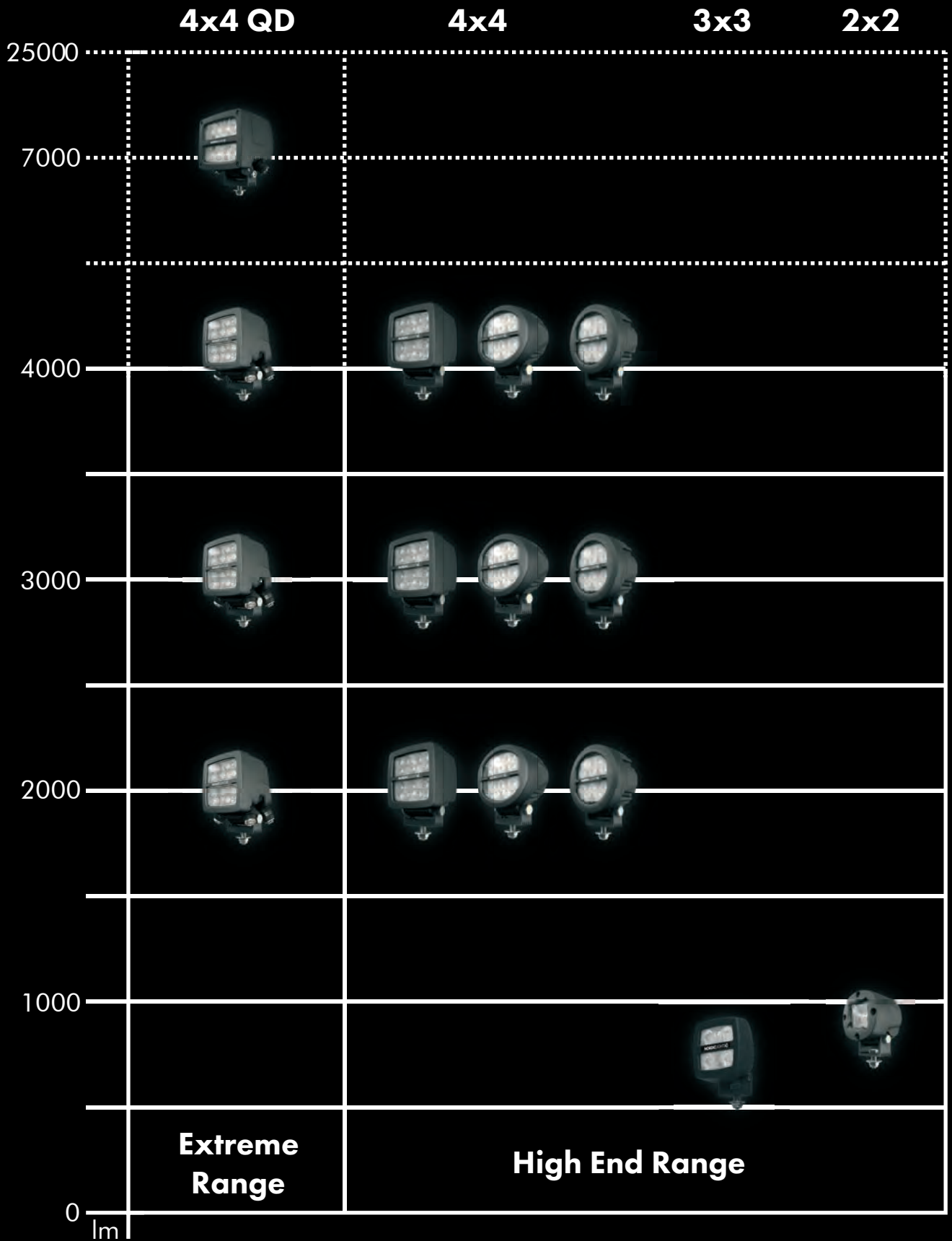
Flood projected on wall at 10m



Flood projected on surface #B



LED Work Light Range



The chart is to provide a general impression of the NORDIC LIGHTS® LED work light range and by no means comprehensive or limiting. For more specific guidance please consult your local NORDIC LIGHTS® representative. Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

3x3



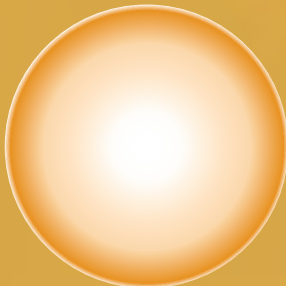





KL Range	Special Application	DRIVING

LED Work Light Recommendations

Illumination requirements for different heavy duty applications and industry segments can, and do, vary dramatically.

These recommendations are intended to provide guidance to assist in the selection of the most suitable NORDIC LIGHTS® LED work lamp range for your application. It is by no means comprehensive or limiting. Alternatives may be available. If in doubt, please consult with your local NORDIC LIGHTS® representative for more information.





































Larger machine = More lumens = More lights

Equipment Size	Large	Medium	Small
Light Output			
Light Quantity			
Light Example	Centaurus LED N4601 QD	Scorpius LED N4401 QD or Scorpius LED N4402	Scorpius LED N4405 QD or Scorpius LED N4406

Mining



Equipment

	p. 24-27	p. 28-29	p. 30-37	p. 56-57
				
	Gemini LED	Centaurus LED	Scorpius LED	Taurus LED
 Articulated Truck				
 Blast Hole Drill				
 Bucket Wheel Excavator				
 Borer / Continuous Miner				
 Dragline				
 Dump Truck				
 Engine Room				
 Highwall Miner				
 Hydraulic / Rope Shovel				
 Load Haul Dump (LHD)				
 Rocket Boomer / Drilling Jumbo				
 Surface Miner				
 Wheel Dozer / Loader				



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Construction

Equipment



p. 24-27 p. 28-29 p. 30-37 p. 44-45 p. 50-51



Gemini LED **Centaurus LED** **Scorpilus LED** **Pictor LED** **Canis LED**

Articulated Truck					
Asphalt Track Paver					
Backhoe / Wheel / Crawler Loader					
Bulldozer / Track Dozer					
Compactor / Road Roller					
Excavator					
Lighting Mast					
Mobile Crane					
Motor Grader / Scraper					
Pile Driver					
Skid Steer Loader					
Tele Handler					
Tower Crane					



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Forestry

Equipment
























p. 30-37

p. 60-65



Scorpius LED

KL-Series

 Chipper		
 Delimber		
 Feller Buncher		
 Forwarder		
 Harvester		
 Knuckleboom Loader		
 Logging Truck		
 Skidder		
 Swing machine		
 Track Dozer		



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Material Handling



Equipment

	p. 24-27	p. 28-29	p. 30-37	p. 46-49
	Gemini LED	Centaurus LED	Scorpius LED	Spica LED
Container Crane				
Dockyard Crane				
Fork Lift Truck				
Rubber-tyre Gantry Crane (RTG)				
Harbour / Port Crane				
Reach Stacker				
Straddle Carrier				
Tow Tractor				
Tele Handler				
Truck Mounted Crane				



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Truck, Trailer & Emergency

Equipment



	p. 30-37	p. 46-49	p. 56-57	p. 60-65
	Scorpius LED	Spica LED	Taurus LED	KL-Series
Ambulance				
Articulated Lorry				
Cement Mixer				
Fire Engine				
Flatbed Truck				
Garbage Truck				
Panel Van				
Pickup / Tow Truck				
Utility Van				
Water Tender				



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Agriculture

Equipment



p. 30-37	p. 38-41	p. 60-65
Scorpius LED	Antares LED	KL-Series

Bean Harvester			
Beet Harvester			
Combine Harvester			
Crop Sprayer			
Forage Harvester			
Pea Harvester			
Potato Harvester			
Rape Swather			
Slurry Spreader			
Tractor			



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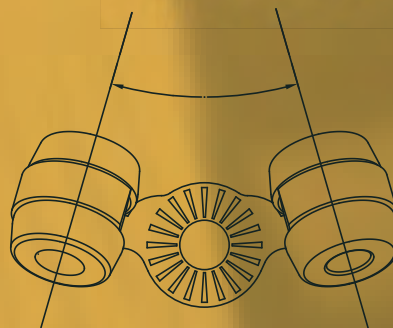
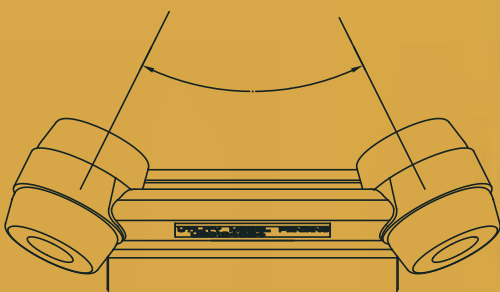
QUAKE DAMPENING

NORDIC LIGHTS® introduces the revolutionizing QUAKE dampening system. The patented system takes protection against vibration and shock to a whole new level never seen before. The R&D department at NORDIC LIGHTS® has used all their muscles, expertise and equipment to create a dampening system of absolute perfection.

In a standard dampening system there will be powerful strains on the dampeners. The angles of the dampeners within the QUAKE dampening system have been painstakingly calculated and intensely tested to find the perfect synchronized angles to produce a complete, optimized system. Due to the construction, shocks and vibrations will never strain all axels in a straight line of force, if the force happens to come in line with one axel the force will still be out of line with all other parts of the QUAKE dampening system. This results in a uniform distribution of the force throughout the dampening system. As a result, the QUAKE dampening system lasts much longer and can withstand much bigger shocks and wider ranges of vibration. And if the dampening system can withstand more punishment, so can the work light and also the application upon which it is mounted.

Since the QUAKE system withstands a wider range of vibration - for instance 4.65 Grms 12-2000Hz, 15.3 Grms 24-2000Hz and 20 Grms 24-2000Hz – thus making it possible to mount more powerful work lamps on applications. As a result, the question of where the work light is mounted on the application is less crucial since the dampening system is kinder on the vehicle; it also reduces maintenance and down time. What is more, the QUAKE dampening system is lower than other dampening systems saving space.

For many years NORDIC LIGHTS® has been developing and patenting different dampening solutions for Heavy Duty work lights. Why dampen a work lamp? With the right kind of dampening you will greatly increase a work lamp's resistance to shock and vibration. Not only will the lamp take much longer to brake, the different components inside the lamp will also last longer needing far less maintenance and fewer replacements. The strain on the application caused by mounting the work lamp will also be reduced making the vehicle less vulnerable.





**Eastern Finland 100 km into the woods.
Forestry harvester able to operate during harsh
winter in total darkness - thanks to NORDIC LIGHTS®
lamps.**



LED lights to the left in the picture.



Mining



Construction



Forestry

Latitude 64° 0' 42" Longitude 28° 36' 9"



Xenon (HID) lights to the right in the picture.



Agricultural



Truck & Trailer
Emergency



Material
Handling

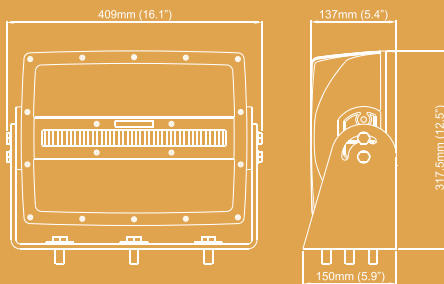


NORDIC GEMINI LED SERIES

The Nordic GEMINI LED work lamp offers a dazzling light output especially for heavy duty working environments. The work lamp offers an impressive lighting solution both for mobile and stationary applications and is really the king of the hill.

Drawings

N4701, N4702 and N4703



Features

-  Long Lifetime
-  Low Maintenance
-  Waterproof
-  Heavy Duty Construction
-  Reverse Voltage Protected
-  EMC
-  Load Dump Protected
-  Over Voltage Protected
-  Overheat Protected
-  Salt Mist
-  Optically Even Light Distribution
-  Distinct Light Pattern
-  Replaceable Lens
-  High Light Output
-  High Lumens / Watt Efficiency

Connectors

-  2 x Built-in Deutsch 2-pin

Lenses

-  Transparent

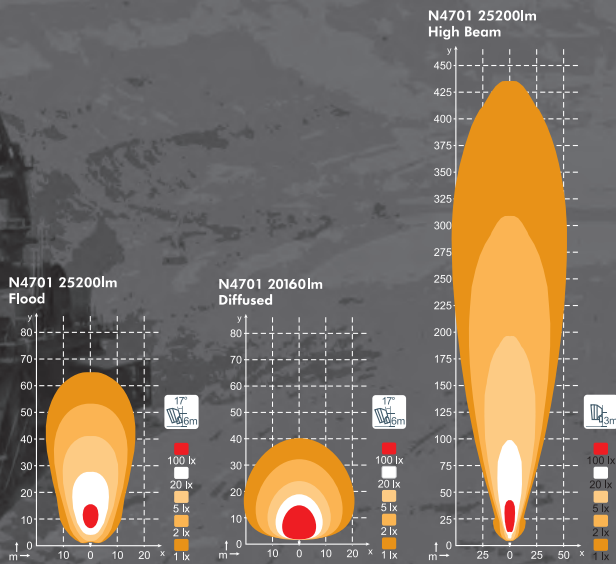
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GEMINI LED N4701

25200lm

Light Patterns



Specifications

Theoretical Lumens Output:	40300lm
Operational Lumens Output:	25200lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	24V 18-32V
Power Consumption:	300W
Nominal Current at:	24V 12.5A
Electronics:	Integrated
Connector:	2 x Built-in Deutsch 2-pin
Mount:	5 pcs Bolt M14x35
Shock:	TBD
Vibration:	TBD
Lens:	PC
Body:	Aluminium
Weight:	18kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	1 pce / Box

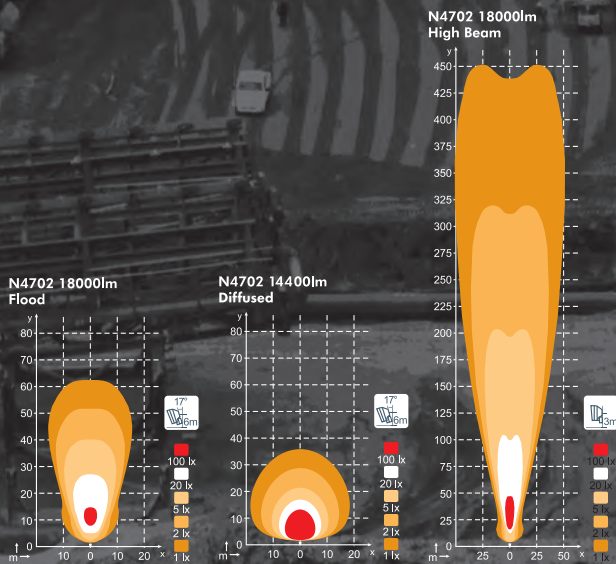
LED
WORK LIGHTS



GEMINI LED N4702

18000lm

Light Patterns



Specifications

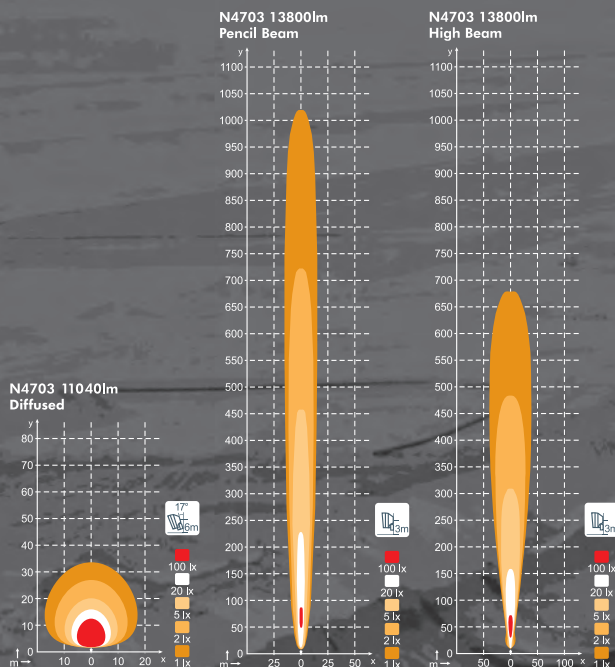
Theoretical Lumens Output:	28800lm
Operational Lumens Output:	18000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	24V 18-32V
Power Consumption:	270W
Nominal Current at:	24V 11.3A
Electronics:	Integrated
Connector:	2 x Built-in Deutsch 2-pin
Mount:	5 pcs Bolt M14x35
Shock:	TBD
Vibration:	TBD
Lens:	PC
Body:	Aluminium
Weight:	18kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	1 pce / Box



GEMINI LED N4703

13800lm

Light Patterns



Specifications

Theoretical Lumens Output:	22000lm
Operational Lumens Output:	13800lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	24V 18-32V
Power Consumption:	240W
Nominal Current at:	24V 10A
Electronics:	Integrated
Connector:	2 x Built-in Deutsch 2-pin
Mount:	5 pcs Bolt M14x35
Shock:	TBD
Vibration:	TBD
Lens:	PC
Body:	Aluminium
Weight:	18kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	1 pce / Box





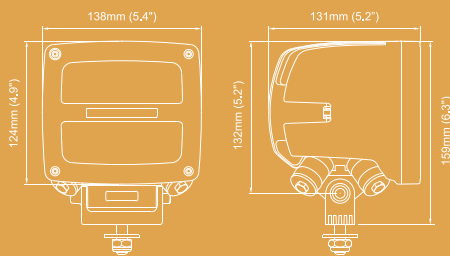
NORDIC CENTAURUS LED SERIES

The Nordic CENTAURUS LED work lamp delivers stunning illumination and is equipped with the revolutionizing QUAKE dampening system.

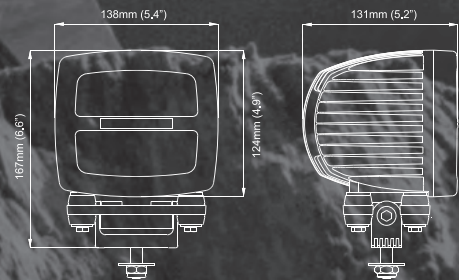
The new QUAKE dampening system takes protection against vibration and shock to a whole new level never seen before. The work lamp meets the expectations of the most demanding situation.

Drawings

N4601 QD



N460 XD



Features

- Long Lifetime
- Low Maintenance
- Waterproof
- Heavy Duty Construction
- Reverse Voltage Protected
- EMC
- Load Dump Protected
- Over Voltage Protected
- Overheat Protected
- Salt Mist
- Optically Even Light Distribution
- Distinct Light Pattern
- Different Lens Colour Versions Available
- Replaceable Lens
- High Light Output
- High Lumens / Watt Efficiency
- Quake Dampening
- Extreme Heavy Duty Dampening

Connectors

- Built-in Deutsch 2-pin

Lenses

- Amber
- Red
- Transparent
- Diffused
- Yellow

Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

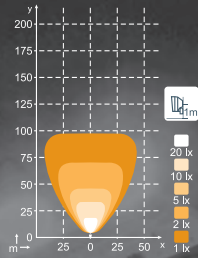


CENTAURUS LED N4601 QD

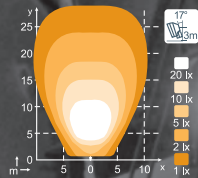
7200lm, Quake Dampening

Light Patterns

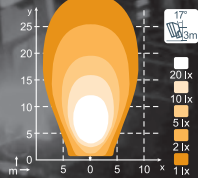
N4601 QD 7200lm
Low Beam



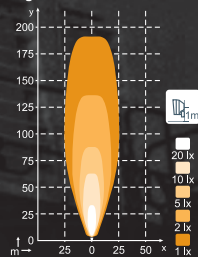
N4601 QD 7200lm
Wide Flood



N4601 QD 7200lm
Flood



N4601 QD 7200lm
High Beam

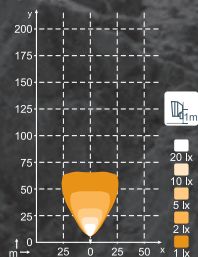


CENTAURUS LED N460 XD

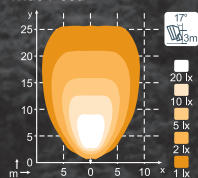
2700lm, Xtreme Dampening

Light Patterns

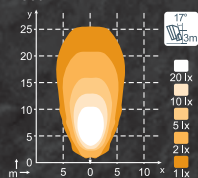
N460 XD 2700lm
Low Beam



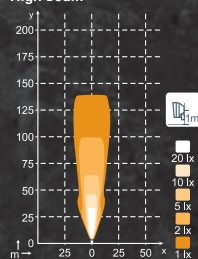
N460 XD 2700lm
Wide Flood



N460 XD 2700lm
Flood



N460 XD 2700lm
High Beam



Specifications

Theoretical Lumens Output:	11500lm
Operational Lumens Output:	7200lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	24V 18-32V
Power Consumption:	85W
Nominal Current at:	24V 3.5A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz 4.65Grms 12-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	2.5kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	6 pce / Box

Specifications

Theoretical Lumens Output:	4300lm
Operational Lumens Output:	2700lm
Colour Temperature:	6000K
Nominal / Input Voltage DC:	24V 18-32V
Power Consumption:	60W
Nominal Current at:	24V 2.5A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	2.9kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	6 pce / Box



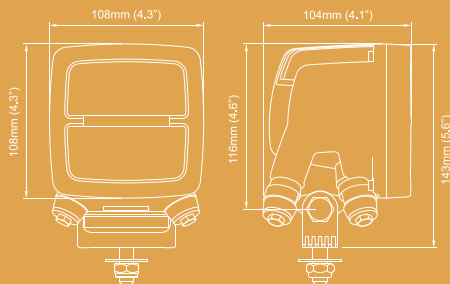
NORDIC SCORPIUS LED SERIES

The Nordic SCORPIUS LED work lamp offers outstanding illumination and is available with the revolutionizing QUAKE dampening system.

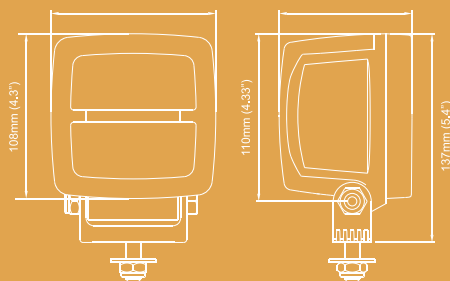
The new QUAKE dampening system takes protection against vibration and shock to a whole new level never seen before. Available with several different lumens levels and features such as dimmable. Suitable for harsh conditions and a range of applications.

Drawings

N4401 QD, N4403 QD, N4405 QD,



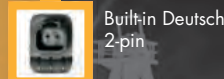
N4402, N4404, N4406, N4408,



Features

- Long Lifetime
- Heavy Duty Construction
- Load Dump Protected
- Salt Mist
- Different Lens Colour Versions Available
- High Lumens / Watt Efficiency
- Quake Dampening
- Low Maintenance
- Reverse Voltage Protected
- Over Voltage Protected
- Optically Even Light Distribution
- Replaceable Lens
- Multi Voltage
- Dimmable
- Waterproof
- EMC
- Overheat Protected
- Distinct Light Pattern
- High Light Output
- Compact

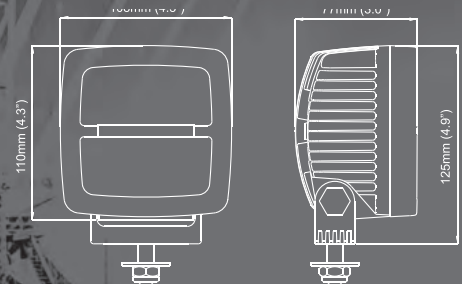
Connectors



Lenses

- Amber
- Red
- Transparent
- Diffused
- Yellow

N42



Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

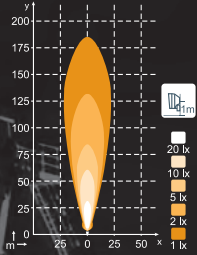


SCORPIUS LED N4401 QD

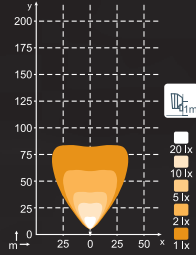
4200lm, Quake Dampening

Light Patterns

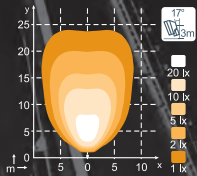
N4401 QD, N4402 4200lm High Beam



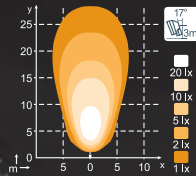
N4401 QD, N4402 4200lm Low Beam



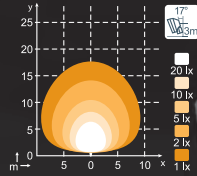
N4401 QD, N4402 4200lm Wide Flood



N4401 QD, N4402 4200lm Flood



N4401 QD, N4402 3360lm Diffused

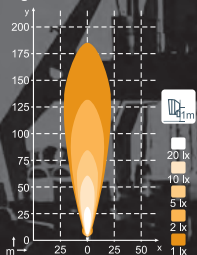


SCORPIUS LED N4402

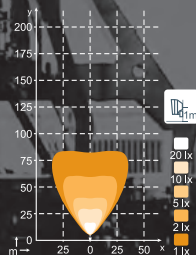
4200lm

Light Patterns

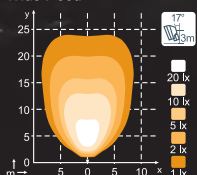
N4401 QD, N4402 4200lm High Beam



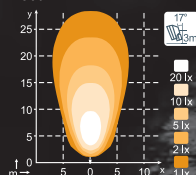
N4401 QD, N4402 4200lm Low Beam



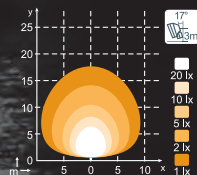
N4401 QD, N4402 4200lm Wide Flood



N4401 QD, N4402 4200lm Flood



N4401 QD, N4402 3360lm Diffused



Specifications

Theoretical Lumens Output:	6700lm
Operational Lumens Output:	4200lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	50W
Nominal Current at:	24V 2.1A 12V 4.2A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	20Grms 24-2000Hz 4.65Grms 12-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.6kg
IP Rating:	IP68 IP6K9K
Salt Mist:	SAE J1455
EMC:	ISO 9227 240H CISPR 25 Class 3 ISO 13766 ISO 14982 ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

Specifications

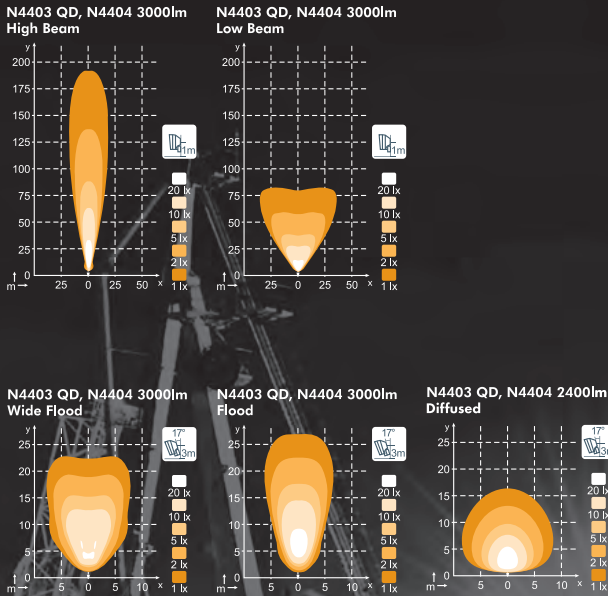
Theoretical Lumens Output:	6700lm
Operational Lumens Output:	4200lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	50W
Nominal Current at:	24V 2.1A 12V 4.2A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.1kg
IP Rating:	IP68 IP6K9K
Salt Mist:	SAE J1455
EMC:	ISO 9227 240H CISPR 25 Class 3 ISO 13766 ISO 14982 ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box



SCORPIUS LED N4403 QD

3000lm, Quake Dampening

Light Patterns



Specifications

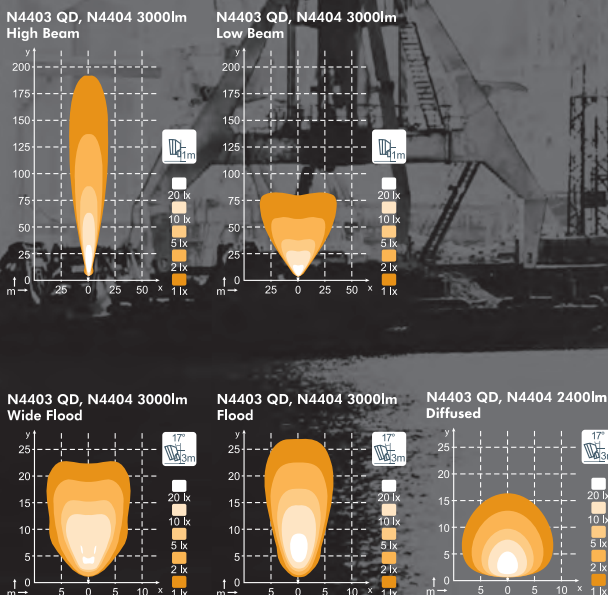
Theoretical Lumens Output:	4800lm
Operational Lumens Output:	3000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	45W
Nominal Current at:	24V 1.9A
	12V 3.8A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	20Grms 24-2000Hz
	4.65Grms 12-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.6kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box



SCORPIUS LED N4404

3000lm

Light Patterns



Specifications

Theoretical Lumens Output:	4800lm
Operational Lumens Output:	3000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	45W
Nominal Current at:	24V 1.9A
	12V 3.8A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.1kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

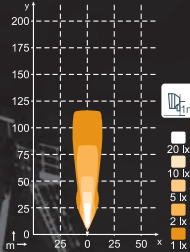


SCORPIUS LED N4405 QD

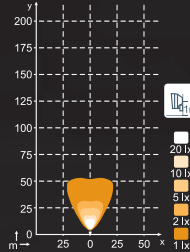
2100lm, Quake Dampening

Light Patterns

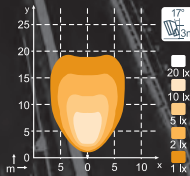
N4405 QD, N4406 2100lm High Beam



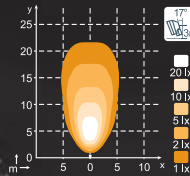
N4405 QD, N4406 2100lm Low Beam



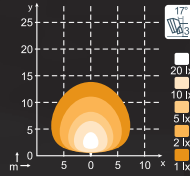
N4405 QD, N4406 2100lm Wide Flood



N4405 QD, N4406 2100lm Flood



N4405 QD, N4406 1680lm Diffused

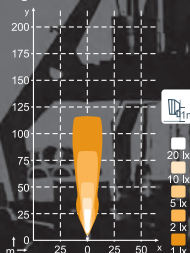


SCORPIUS LED N4406

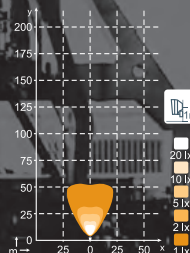
2100lm

Light Patterns

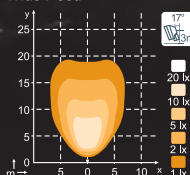
N4405 QD, N4406 2100lm High Beam



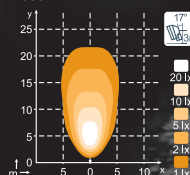
N4405 QD, N4406 2100lm Low Beam



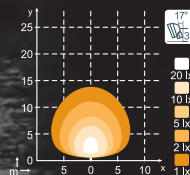
N4405 QD, N4406 2100lm Wide Flood



N4405 QD, N4406 2100lm Flood



N4405 QD, N4406 1680lm Diffused



Specifications

Theoretical Lumens Output:	3400lm
Operational Lumens Output:	2100lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	35W
Nominal Current at:	24V 1.5A 12V 3.0A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	20Grms 24-2000Hz 4.65Grms 12-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.6kg
IP Rating:	IP68 IP6K9K
Salt Mist:	SAE J1455
EMC:	ISO 9227 240H CISPR 25 Class 3 ISO 13766 ISO 14982 ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

Specifications

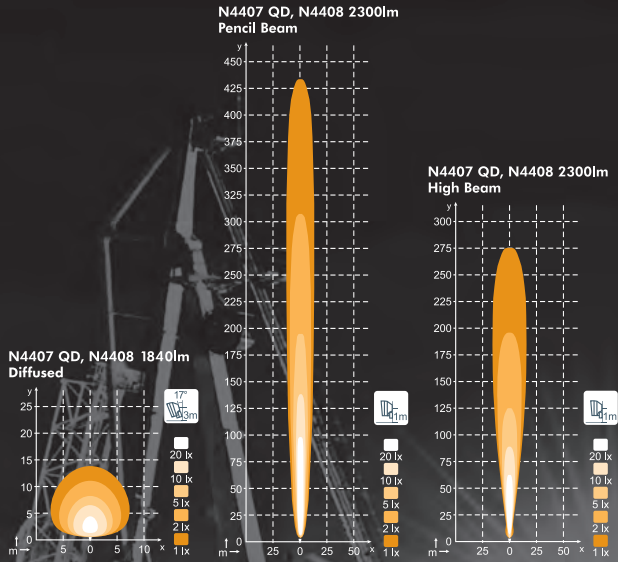
Theoretical Lumens Output:	3400lm
Operational Lumens Output:	2100lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	35W
Nominal Current at:	24V 1.5A 12V 3.0A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.1kg
IP Rating:	IP68 IP6K9K
Salt Mist:	SAE J1455
EMC:	ISO 9227 240H CISPR 25 Class 3 ISO 13766 ISO 14982 ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box



SCORPIUS LED N4407 QD

2300lm, Quake Dampening

Light Patterns



Specifications

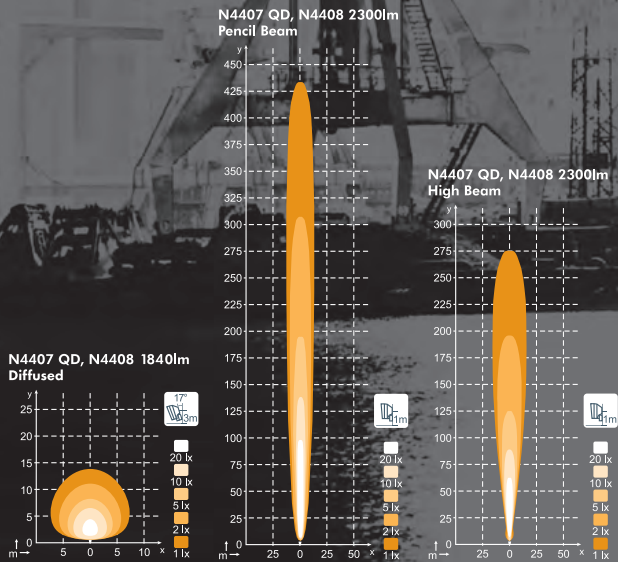
Theoretical Lumens Output:	3700lm
Operational Lumens Output:	2300lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	40W
Nominal Current at:	24V 1.7A
	12V 3.4A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	20Grms 24-2000Hz
	4.65Grms 12-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.6kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box



SCORPIUS LED N4408

2300lm

Light Patterns



Specifications

Theoretical Lumens Output:	3700lm
Operational Lumens Output:	2300lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	40W
Nominal Current at:	24V 1.7A
	12V 3.4A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.1kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

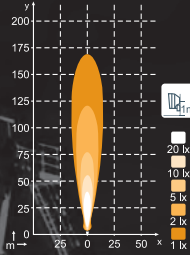


SCORPIUS LED N4409 QD

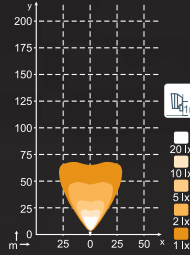
2000lm, Dimmable, Quake Dampening

Light Patterns

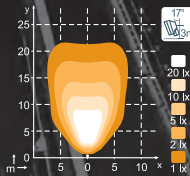
N4409 QD, N4410 2000lm
High Beam



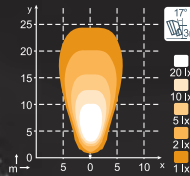
N4409 QD, N4410 2000lm
Low Beam



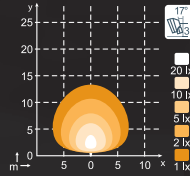
N4409 QD, N4410 2000lm
Wide Flood



N4409 QD, N4410 2000lm
Flood



N4409 QD, N4410 1600lm
Diffused

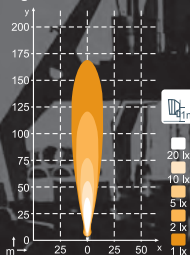


SCORPIUS LED N4410

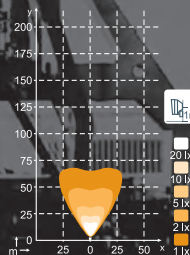
2000lm, Dimmable

Light Patterns

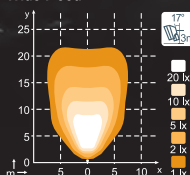
N4409 QD, N4410 2000lm
High Beam



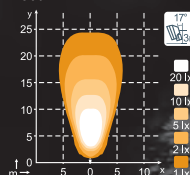
N4409 QD, N4410 2000lm
Low Beam



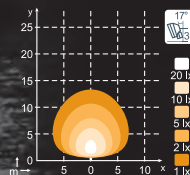
N4409 QD, N4410 2000lm
Wide Flood



N4409 QD, N4410 2000lm
Flood



N4409 QD, N4410 1600lm
Diffused



Specifications

Theoretical Lumens Output:	3200lm
Operational Lumens Output:	2000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	40W
Nominal Current at:	24V 1.7A
	12V 3.4A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	20Grms 24-2000Hz
	4.65Grms 12-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.6kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 5
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

Specifications

Theoretical Lumens Output:	3200lm
Operational Lumens Output:	2000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	40W
Nominal Current at:	24V 1.7A
	12V 3.4A
Electronics:	Integrated / Isolated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.1kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 5
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

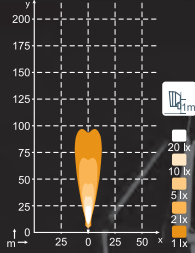


SCORPIUS LED N42

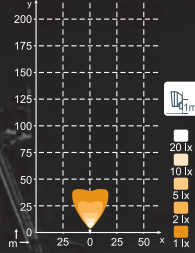
1350lm

Light Patterns

N42 1350lm High Beam



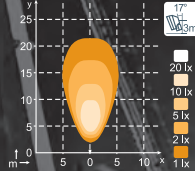
N42 1350lm Low Beam



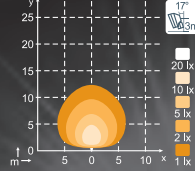
N42 1350lm Wide Flood



N42 1350lm Flood



N42 1080lm Diffused



Specifications

Theoretical Lumens Output:	2200lm
Operational Lumens Output:	1350lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	25W
Nominal Current at:	24V : 1.0A
	12V : 2.0A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.2kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box






NORDIC ANTARES LED SERIES

The Nordic ANTARES LED work lamp offers outstanding illumination. Available with several different lumens levels and features such as dimmable. The lamp is made to withstand tough conditions.


Features

-  Long Lifetime
-  Heavy Duty Construction
-  Load Dump Protected
-  Salt Mist
-  Different Lens Colour Versions Available
-  High Lumens / Watt Efficiency
-  Dimmable
-  Low Maintenance
-  Reverse Voltage Protected
-  Over Voltage Protected
-  Optically Even Light Distribution
-  Replaceable Lens
-  Multi Voltage
-  Waterproof
-  EMC
-  Overheat Protected
-  Distinct Light Pattern
-  High Light Output
-  Compact

Connectors

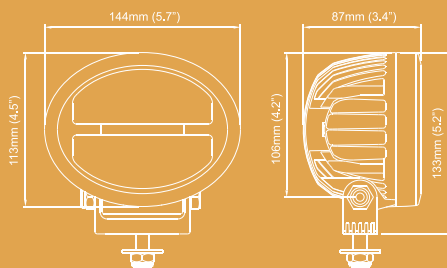
-  Built-in Deutsch 2-pin

Lenses

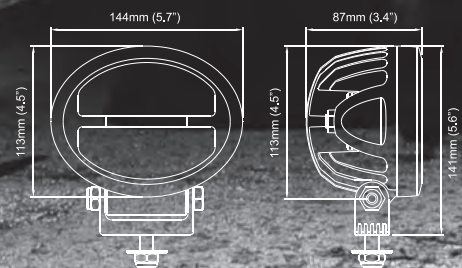
-  Amber
-  Red
-  Transparent
-  Diffused
-  Yellow

Drawings

N33



N3301, N3302, N3303, N3304



Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

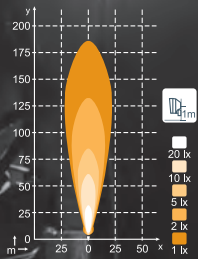


ANTARES LED N3301

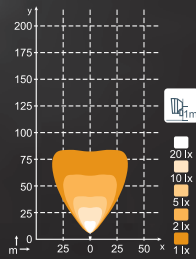
4200lm

Light Patterns

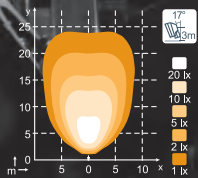
N3301 4200lm High Beam



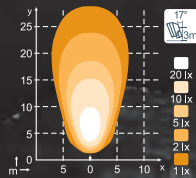
N3301 4200lm Low Beam



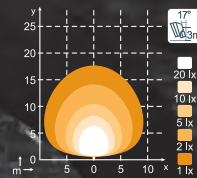
N3301 4200lm Wide Flood



N3301 4200lm Flood



N3301 3360lm Diffused

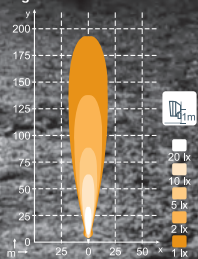


ANTARES LED N3302

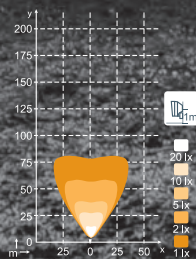
3000lm

Light Patterns

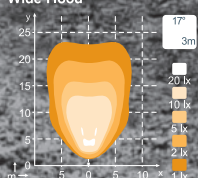
N3302 3000lm High Beam



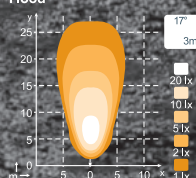
N3302 3000lm Low Beam



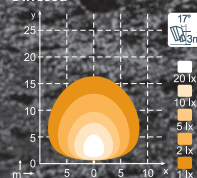
N3302 3000lm Wide Flood



N3302 3000lm Flood



N3302 2400lm Diffused



Specifications

Theoretical Lumens Output:	6700lm
Operational Lumens Output:	4200lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	50W
Nominal Current at:	24V 2.1A
	12V 4.2A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.2kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

Specifications

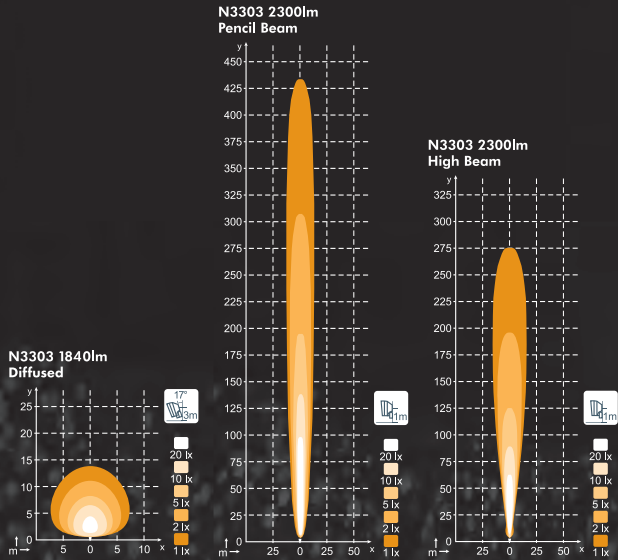
Theoretical Lumens Output:	4800lm
Operational Lumens Output:	3000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	45W
Nominal Current at:	24V 1.9A
	12V 3.8A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.2kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box



ANTARES LED N3303

2300lm

Light Patterns



Specifications

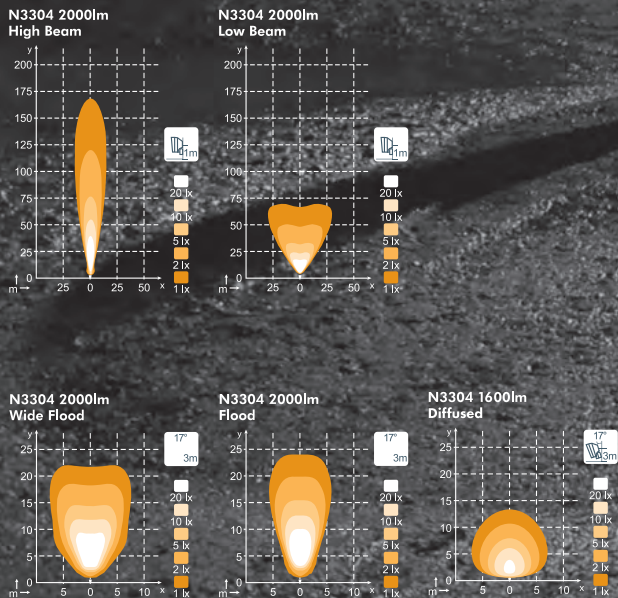
Theoretical Lumens Output:	3700lm
Operational Lumens Output:	2300lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	40W
Nominal Current at:	24V 1.7A
	12V 3.4A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.2kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box



ANTARES LED N3304

2000lm, Dimmable

Light Patterns



Specifications

Theoretical Lumens Output:	3200lm
Operational Lumens Output:	2000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	40W
Nominal Current at:	24V 1.7A
	12V 3.4A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.2kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 5
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

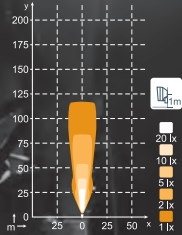


ANTARES LED N33

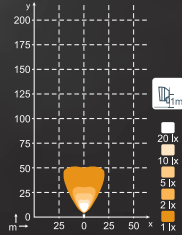
2100lm

Light Patterns

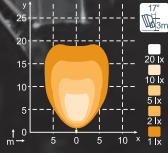
N33 2100lm High Beam



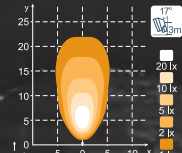
N33 2100lm Low Beam



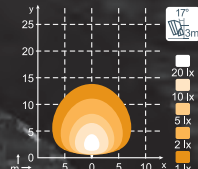
N33 2100lm Wide Flood



N33 2100lm Flood



N33 1680lm Diffused



Specifications

Theoretical Lumens Output:	3400lm
Operational Lumens Output:	2100lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	35W
Nominal Current at:	24V 1.5A
	12V 3.0A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.5kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

LED WORK LIGHTS



NORDIC VIRGO LED SERIES


The Nordic VIRGO LED work lamp offers outstanding illumination.

Available with several different lumens levels and features such as dimmable. The lamp is made to withstand tough conditions.

Features

-  Long Lifetime
-  Low Maintenance
-  Waterproof
-  Heavy Duty Construction
-  Reverse Voltage Protected
-  EMC
-  Load Dump Protected
-  Over Voltage Protected
-  Overheat Protected
-  Salt Mist
-  Optically Even Light Distribution
-  Distinct Light Pattern
-  Different Lens Colour Versions Available
-  Replaceable Lens
-  High Light Output
-  High Lumens / Watt Efficiency
-  Multi Voltage
-  Compact
-  Dimmable

Connectors

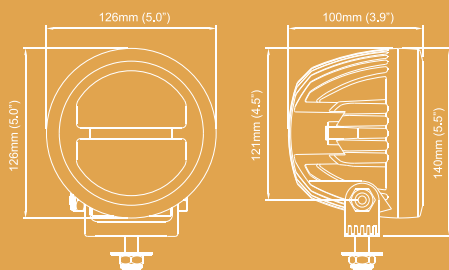
-  Built-in Deutsch 2-pin

Lenses

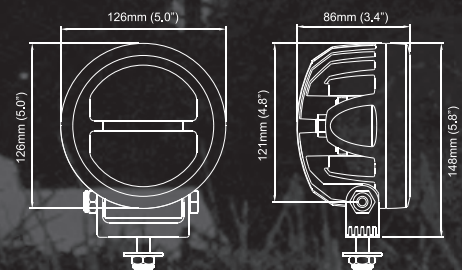
-  Amber
-  Red
-  Transparent
-  Diffused
-  Yellow

Drawings

N31



N3101, N3102, N3103, N3104



Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.



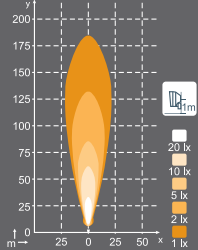
VIRGO LED N3101

4200lm

Light Patterns

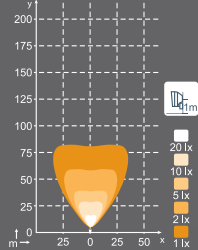
N3101 4200lm

High Beam



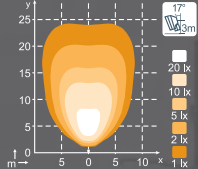
N3101 4200lm

Low Beam



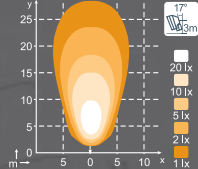
N3101 4200lm

Wide Flood



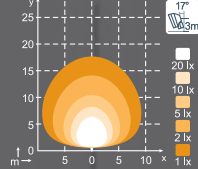
N3101 4200lm

Flood



N3101 3360lm

Diffused



Specifications

Theoretical Lumens Output:	6700lm
Operational Lumens Output:	4200lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	50W
Nominal Current at:	24V 2.1A
	12V 4.2A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.3kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

LED
WORK LIGHTS



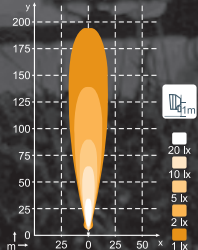
VIRGO LED N3102

3000lm

Light Patterns

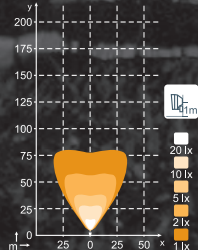
N3102 3000lm

High Beam



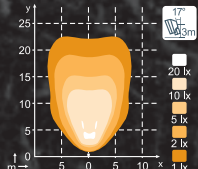
N3102 3000lm

Low Beam



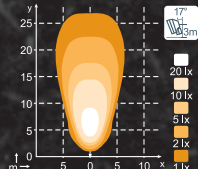
N3102 3000lm

Wide Flood



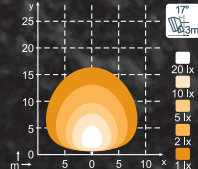
N3102 3000lm

Flood



N3102 2400lm

Diffused



Specifications

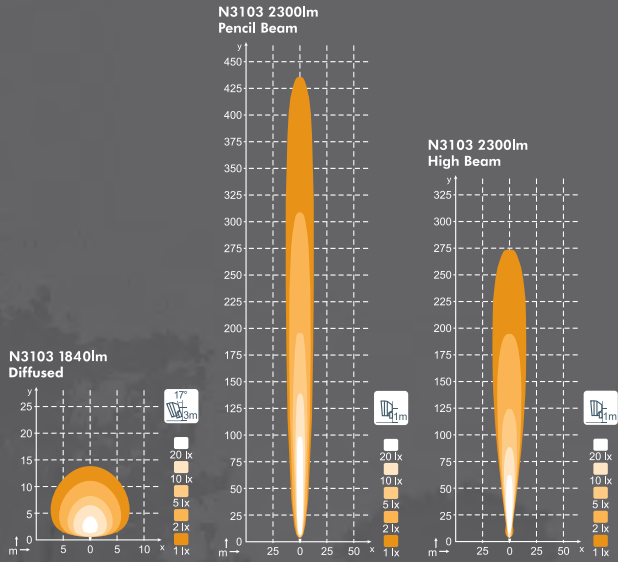
Theoretical Lumens Output:	4800lm
Operational Lumens Output:	3000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	45W
Nominal Current at:	24V 1.9A
	12V 3.8A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.3kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box



VIRGO LED N3103

2300lm

Light Patterns



Specifications

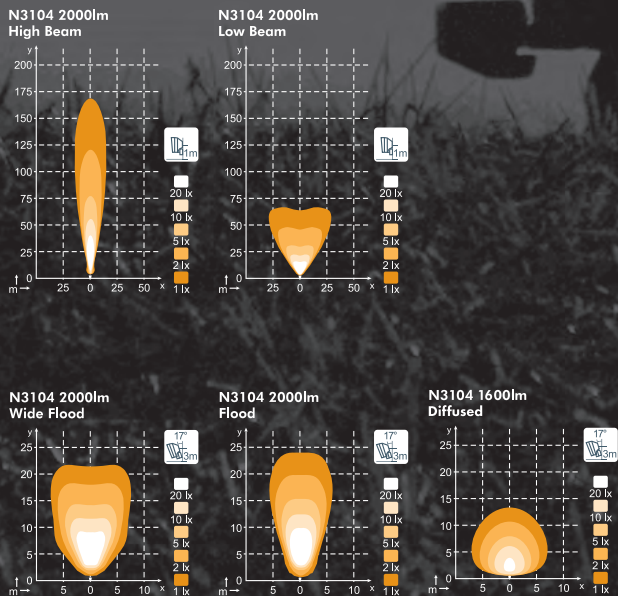
Theoretical Lumens Output:	3700lm
Operational Lumens Output:	2300lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	40W
Nominal Current at:	24V 1.7A
	12V 3.4A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.3kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box



VIRGO LED N3104

2000lm, Dimmable

Light Patterns



Specifications

Theoretical Lumens Output:	3200lm
Operational Lumens Output:	2000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	40W
Nominal Current at:	24V 1.7A
	12V 3.4A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.3kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 5
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

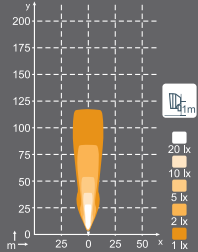


VIRGO LED N31

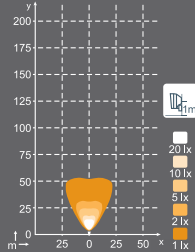
2100lm

Light Patterns

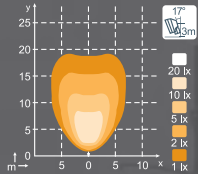
N31 2100lm
High Beam



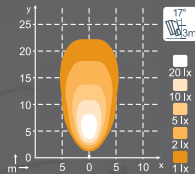
N31 2100lm
Low Beam



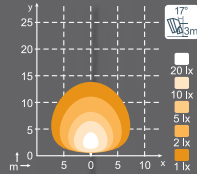
N31 2100lm
Wide Flood



N31 2100lm
Flood



N31 1680lm
Diffused



Specifications

Theoretical Lumens Output:	3400lm
Operational Lumens Output:	2100lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	35W
Nominal Current at:	24V 1.5A
	12V 3.0A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.6kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

LED
WORK LIGHTS

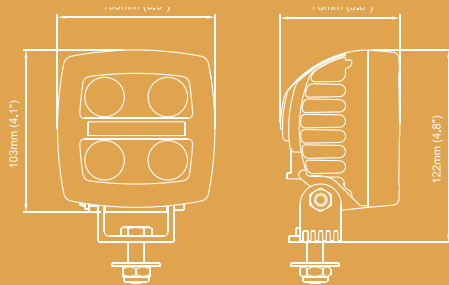


NORDIC SPICA LED SERIES

The Nordic SPICA LED work lamp offers a durable compact lighting solution. Available with several different lumens levels. The Nordic SPICA LED is available as Reverse light, with Handle and Switch, with extensive multi voltage developed for fork trucks and also with dimmable function.

Drawings

N2401, N26, N24, N24 R



Features

- Long Lifetime
- Low Maintenance
- Waterproof
- Heavy Duty Construction
- Reverse Voltage Protected
- EMC
- Load Dump Protected
- Over Voltage Protected
- Overheat Protected
- Salt Mist
- Optically Even Light Distribution
- Different Lens Colour Versions Available
- Multi Voltage
- Compact
- Low Power Consumption
- Dimmable
- Reverse Light
- Handle And Switch

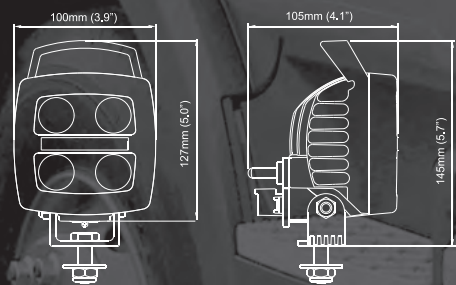
Connectors

- Built-in AMP
- Built-in Deutsch 2-pin

Lenses

- Amber
- Red
- Transparent
- Diffused
- Yellow

N24 HS



Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

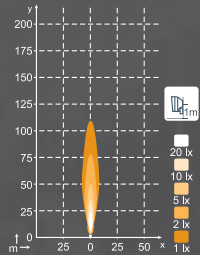


SPICA LED N2401

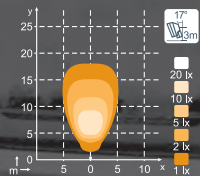
750lm, Dimmable

Light Patterns

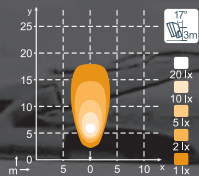
N2401 750lm High Beam



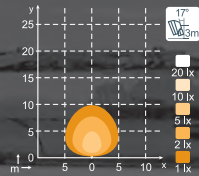
N2401 750lm Wide Flood



N2401 750lm Flood



N2401 600lm Diffused



Specifications

Theoretical Lumens Output:	1200lm
Operational Lumens Output:	750lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	24W
Nominal Current at:	24V 1.0A
	12V 2.0A
Electronics:	Integrated / Isolated
Connector:	Built-in AMP
	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
	Single Bolt M8
Shock:	60G
Vibration:	8Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	0.9kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 5
	EN 12895
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

LED WORK LIGHTS

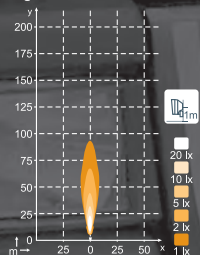


SPICA LED N26

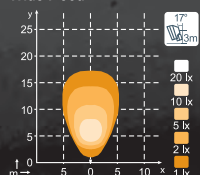
700lm, Extensive Multi Voltage

Light Patterns

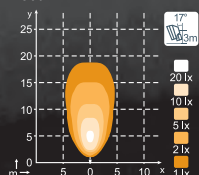
N26 700lm High Beam



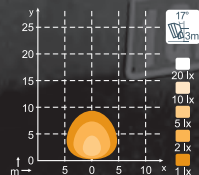
N26 700lm Wide Flood



N26 700lm Flood



N26 560lm Diffused



Specifications

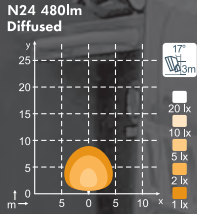
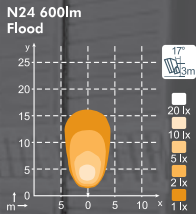
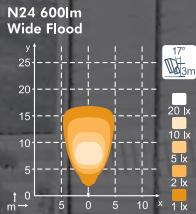
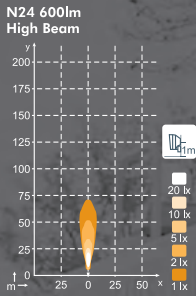
Theoretical Lumens Output:	1100lm
Operational Lumens Output:	700lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-80V 9-110V
Power Consumption:	17W
Nominal Current at:	80V 0.21A
	48V 0.35A
	24V 0.7A
	12V 1.4A
Electronics:	Integrated / Isolated
Connector:	Built-in AMP
	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
	Single Bolt M8
Shock:	60G
Vibration:	8Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	0.9kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	EN 12895
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box



SPICA LED N24

600lm

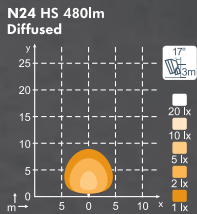
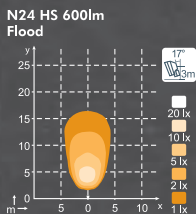
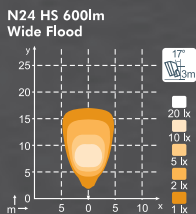
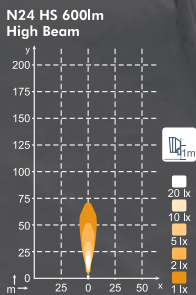
Light Patterns



SPICA LED N24 HS

600lm, Handle & Switch

Light Patterns



Specifications

Theoretical Lumens Output:	1000lm
Operational Lumens Output:	600lm
Colour Temperature:	6000K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	18W
Nominal Current at:	24V 0.75A
	12V 1.5A
Electronics:	Integrated / Isolated
Connector:	Built-in AMP
	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
	Single Bolt M8
Shock:	60G
Vibration:	8Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	0.9kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	EN 12895
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

Specifications

Theoretical Lumens Output:	1000lm
Operational Lumens Output:	600lm
Colour Temperature:	6000K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	18W
Nominal Current at:	24V 0.75A
	12V 1.5A
Electronics:	Integrated / Isolated
Connector:	Built-in AMP
	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
	Single Bolt M8
Shock:	60G
Vibration:	8Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	0.9kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	EN 12895
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

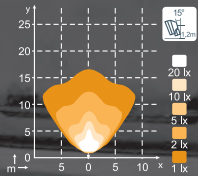


SPICA LED N24 R

450lm, Reverse

Light Patterns

N24 R 450lm
Reverse



Specifications

Approvals:	ECE R23
Theoretical Lumens Output:	700lm
Operational Lumens Output:	450lm
Colour Temperature:	5000K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	15W
Nominal Current at:	24V 0.6A
	12V 1.2A
Electronics:	Integrated / Isolated
Connector:	Built-in AMP
	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
	Single Bolt M8
Shock:	60G
Vibration:	8Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	0.9kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	R10
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

LED
WORK LIGHTS



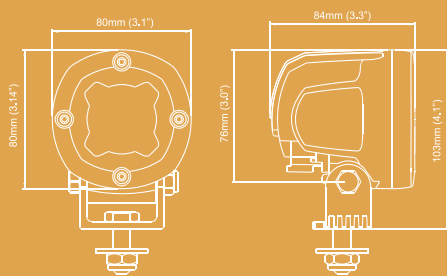
NORDIC CANIS LED SERIES

The Nordic CANIS LED work lamp offers an ultra compact and lightweight lighting solution.

The Nordic CANIS LED is suitable for mounting in tight places and delivers strong illumination in relation to its size. Suitable for applications needing to withstand the powers of nature. Available as reverse light.

Drawings


N2001, N2002 R






Features

-  Long Lifetime
-  Low Maintenance
-  Waterproof
-  Heavy Duty Construction
-  Reverse Voltage Protected
-  EMC
-  Load Dump Protected
-  Over Voltage Protected
-  Overheat Protected
-  Salt Mist
-  Optically Even Light Distribution
-  Different Lens Colour Versions Available
-  Multi Voltage
-  Ultra Compact
-  Low Power Consumption
-  Reverse Light
-  Light Weight
-  Modern Design

Connectors

-  Built-in Deutsch 2-pin

Lenses

-  Amber
-  Red
-  Transparent
-  Diffused
-  Yellow

Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.



CANIS LED N2001

1000lm

Light Patterns



Specifications

Theoretical Lumens Output:	1600lm
Operational Lumens Output:	1000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-48V 9-68V
Power Consumption:	13W
Nominal Current at:	48V 0.25A
	24V 0.5A
	12V 1.0A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10 Single Bolt M8
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	0.6kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	EN 12895
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	24 pce / Box

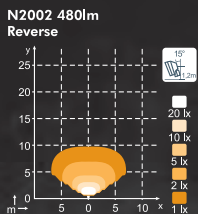
LED WORK LIGHTS



CANIS LED N2002 R

480lm, Reverse

Light Patterns



Specifications

Approvals:	ECE R23
Theoretical Lumens Output:	770lm
Operational Lumens Output:	480lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-48V 9-68V
Power Consumption:	13W
Nominal Current at:	48V 0.25A
	24V 0.5A
	12V 1.0A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10 Single Bolt M8
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	0.6kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	EN 12895
	ISO 13766
	ISO 14982
	ISO 7637-2
	R10
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	24 pce / Box



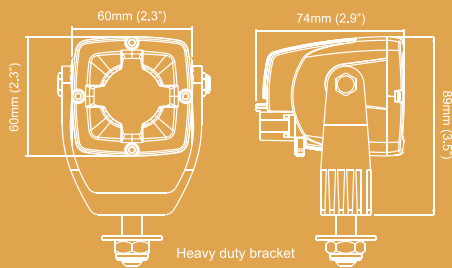
NORDIC CAPELLA LED SERIES

The Nordic CAPELLA LED work light is extremely compact in size and light in weight. This work light can be mounted in very tight places where you are not able to fit a standard work light.

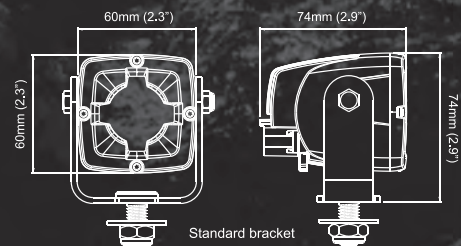
The CAPELLA LED N10 B version features a stronger heavy duty bracket for increased vibration resistance.

Drawings

N10 B




N10



Features

-  Long Lifetime
-  Low Maintenance
-  Waterproof
-  Heavy Duty Construction
-  Reverse Voltage Protected
-  EMC
-  Load Dump Protected
-  Over Voltage Protected
-  Overheat Protected
-  Salt Mist
-  Optically Even Light Distribution
-  Multi Voltage
-  Ultra Compact
-  Low Power Consumption
-  Light Weight
-  Modern Design

Connectors

-  Built-in Deutsch 2-pin

Lenses

-  Transparent

Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

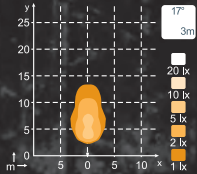


CAPELLA LED N10 B

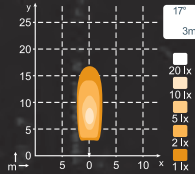
350lm, Stronger Heavy Duty Bracket

Light Patterns

N10 B and N10 350lm
Wide Flood



N10 B and N10 350lm
Flood

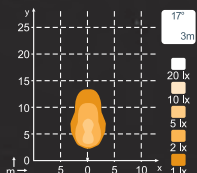


CAPELLA LED N10

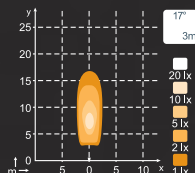
350lm

Light Patterns

N10 B and N10 350lm
Wide Flood



N10 B and N10 350lm
Flood



Specifications

Theoretical Lumens Output:	550lm	
Operational Lumens Output:	350lm	
Colour Temperature:	6000K	
Nominal / Input Voltage DC:	12-48V	9-68V
Power Consumption:	6W	
Nominal Current at:	48V	0.13A
	24V	0.25A
	12V	0.5A
Electronics:	Integrated	
Connector:	Built-in Deutsch 2-pin	
Mount:	Single Bolt M10	
Shock:	60G	
Vibration:	15.3Grms 24-2000Hz	
Lens:	PC	
Body:	Aluminium	
Weight:	0.3kg	
IP Rating:	IP68	
	IP6K9K	
	SAE J1455	
Salt Mist:	ISO 9227 240H	
EMC:	CISPR 25 Class 3	
	EN 12895	
	ISO 13766	
	ISO 14982	
	ISO 7637-2	
Operating Temperatures:	-40°C... +85°C (Overheat protected)	
Packing:	24 pce / Box	

Specifications

Theoretical Lumens Output:	550lm	
Operational Lumens Output:	350lm	
Colour Temperature:	6000K	
Nominal / Input Voltage DC:	12-48V	9-68V
Power Consumption:	6W	
Nominal Current at:	48V	0.13A
	24V	0.25A
	12V	0.5A
Electronics:	Integrated	
Connector:	Built-in Deutsch 2-pin	
Mount:	Single Bolt M10	
Shock:	60G	
Vibration:	8Grms 24-2000Hz	
Lens:	PC	
Body:	Aluminium	
Weight:	0.3kg	
IP Rating:	IP68	
	IP6K9K	
	SAE J1455	
Salt Mist:	ISO 9227 240H	
EMC:	CISPR 25 Class 3	
	EN 12895	
	ISO 13766	
	ISO 14982	
	ISO 7637-2	
Operating Temperatures:	-40°C... +85°C (Overheat protected)	
Packing:	24 pce / Box	



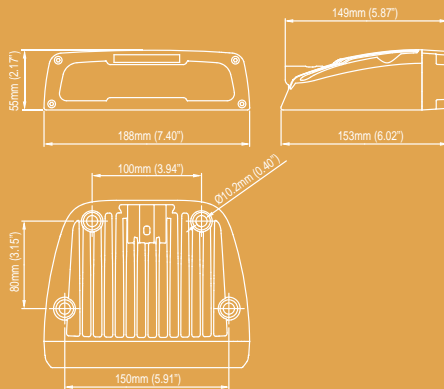
NORDIC PICTOR LED SERIES

The Nordic PICTOR LED work light is a low LED work lamp for surface mount on the application body.

The work lamp offers a good lighting solution especially i.e. mounted on booms. A solid construction for hard work.

Drawings


N7301




Features

-  Long Lifetime
-  Low Maintenance
-  Waterproof
-  Heavy Duty Construction
-  Reverse Voltage Protected
-  EMC
-  Load Dump Protected
-  Over Voltage Protected
-  Overheat Protected
-  Salt Mist
-  Optically Even Light Distribution
-  Replaceable Lens
-  High Light Output
-  High Lumens / Watt Efficiency
-  Multi Voltage
-  Compact
-  Especially for Sides of Booms

Connectors

-  Built-in Deutsch 2-pin

Lenses

-  Transparent

Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

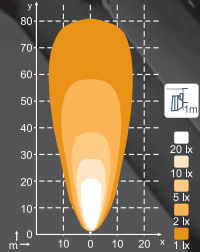


PICTOR LED N7301

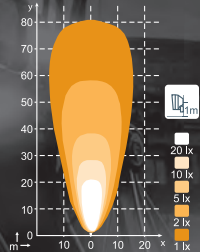
2600lm

Light Patterns

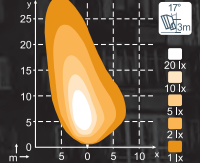
N7301 2600lm
Flood TD US



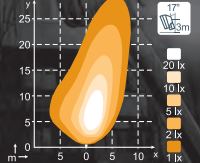
N7301 2600lm
Flood TT DS



N7301 2600lm
Flood LH US



N7301 2600lm
Flood RH US



Specifications

Theoretical Lumens Output:	4100lm
Operational Lumens Output:	2600lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	32W
Nominal Current at:	24V 1.3A
	12V 2.7A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	4 pcs DIN912 M10 (not supplied) 4 pcs DIN912 M8 + DIN125 washer (not supplied)
Shock:	(not supplied)
Vibration:	60G
Lens:	15.3 Grms 24-2000Hz
Body:	PC
Weight:	Aluminium
IP Rating:	1.6kg IP68
	IP6K9K
Salt Mist:	SAE J1455
EMC:	ISO 9227 240H CISPR 25 Class 3 ISO 13766 ISO 14982
Operating Temperatures:	ISO 7637-2
Packing:	-40°C... +85°C (Overheat protected) 12 pce / Box

LED
WORK LIGHTS

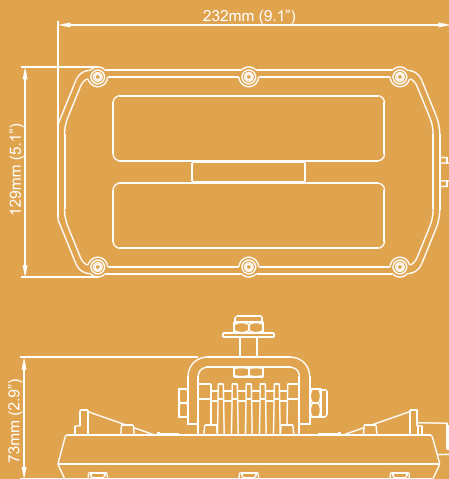


NORDIC TAURUS LED SERIES

The Nordic TAURUS LED work lamp is ideal for illuminating short distances in any environment, for instance in machine rooms or on the body of applications. Equipped with all the heavy duty features of Nordic Lights work lamps it is suitable for applications needing to withstand the powers of nature.

Drawings


N7201




Features

-  Long Lifetime
-  Low Maintenance
-  Waterproof
-  Heavy Duty Construction
-  Reverse Voltage Protected
-  EMC
-  Load Dump Protected
-  Over Voltage Protected
-  Overheat Protected
-  Salt Mist
-  Optically Even Light Distribution
-  Multi Voltage

Connectors

-  Built-In Deutsch 2-pin (left or right)

Lenses

-  Diffused



Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

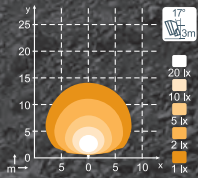


TAURUS LED N7201

1950lm

Light Patterns

N7201 1950lm
Diffused



Specifications

Theoretical Lumens Output:	3100lm
Operational Lumens Output:	1950lm
Colour Temperature:	5300K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	30W
Nominal Current at:	24V 1.25A
	12V 2.5A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin (left or right)
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.3kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	10 pce / Box

LED
WORK LIGHTS

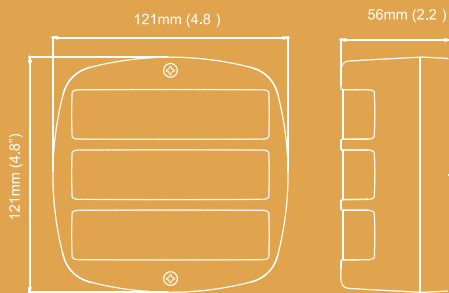


NORDIC DORADO LED SERIES

The Nordic DORADO LED tail light is designed for continuous heavy duty applications on heavy duty machines where incandescent tail lights will fail due to high vibration and shock. The DORADO LED features Tail, Stop and Indicator light. Tell Tail compatible lamps works with all machines that uses bulb lights without needing additional flasher relay/bulb simulation moduls. The DORADO LED is Tell Tail compatible and also available without this feature.

Drawings

N70




Features

-  Long Lifetime
-  Low Maintenance
-  Heavy Duty Construction
-  Reverse Voltage Protected
-  EMC
-  Load Dump Protected
-  Over Voltage Protected
-  Overheat Protected
-  Salt Mist
-  Multi Voltage
-  Compact
-  Low Power Consumption
-  Light Weight
-  Tell Tale
-  Integrating Tail, Stop and Indicator in One Assembly
-  Potted Electronics

Connectors

-  4 pin Male Terminal 6.3 x 0.8

Lenses

-  Transparent



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DORADO LED N70

Specifications

Approvals:	ECE E17-10R ECE E4 6R & 7R
Nominal / Input Voltage DC:	24V 16-32V 12V 8-16V
Power Consumption:	Brake 1.4W Indicator 1.4W
	Tell Tail 24V Indicator 18W Tell Tail 12V Indicator 20W
	Tail 0.4W
Nominal Current at 12V:	Brake 116mA Indicator 116mA
	Tell Tail Indicator 150mA Tail 34mA
Nominal Current at 24V:	Brake 58mA Indicator 58mA
	Tell Tail Indicator 75mA Tail 17mA
Electronics:	Integrated - Epoxy Encapsulated
Connector:	4 pin Male Terminal 6.3 x 0.8
Mount:	M6x25 2pcs
Shock:	60G
Vibration:	20Grms 24-2000Hz
Lens:	PC
Body:	Polyamide
Weight:	0.4kg
Salt Mist:	ISO 9227 240H
EMC:	EN 12895 ISO 13766 ISO 14982 ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

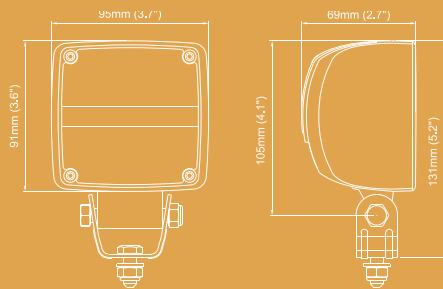


NORDIC KL10XX LED SERIES

The Nordic KL10XX LED work light is an affordable upgrade for your lighting needs. The KL10XX LED matches the basic introduction level needs for heavy duty lighting and is the right light when replacing halogen work lights.

Drawings



KL1001, KL1002






Features

-  Long Lifetime
-  Low Maintenance
-  Waterproof
-  Heavy Duty Construction
-  Reverse Voltage Protected
-  EMC
-  Load Dump Protected
-  Over Voltage Protected
-  Overheat Protected
-  Salt Mist
-  Optically Even Light Distribution
-  Multi Voltage
-  Compact
-  Dimmable

Connectors

-  Fly Leads
-  Pigtails Deutsch 2-pin

Lenses

-  Amber
-  Blue
-  Red
-  Transparent
-  Diffused
-  Yellow

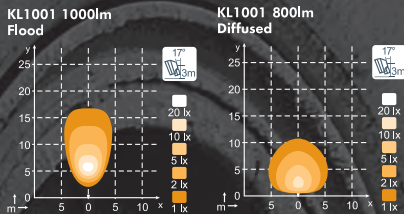
Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.



KL1001 LED

1000lm, Dimmable

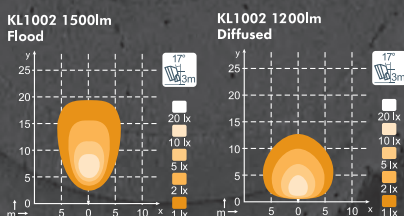
Light Patterns



KL1002 LED

1500lm, Dimmable

Light Patterns



Specifications

Theoretical Lumens Output:	1600lm
Operational Lumens Output:	1000lm
Colour Temperature:	5700K
Nominal Voltage DC:	12-24V
Input Voltage Range DC:	9-32V
Power Consumption:	24W
Nominal Current at:	24V 1.0A 12V 2.0A
Electronics:	Integrated / Isolated
Connector:	Fly Leads Pigtail Deutsch 2-pin
Mount:	Single Bolt M10 Single Bolt M8
Shock:	60G
Vibration:	HD Bracket 8Grms 24-2000Hz N/A
Lens:	PC
Body:	Aluminium
Weight:	0.7kg
IP Rating:	IP68 IP6K9K SAE J1455
Salt Mist:	ISO 9227 240H N/A
EMC:	CISPR 25 Class 5 EN12895 ISO 13766 ISO 14982 ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

Specifications

Theoretical Lumens Output:	2400lm
Operational Lumens Output:	1500lm
Colour Temperature:	5700K
Nominal Voltage DC:	12-24V
Input Voltage Range DC:	9-32V
Power Consumption:	24W
Nominal Current at:	24V 1.0A 12V 2.0A
Electronics:	Integrated / Isolated
Connector:	Fly Leads Pigtail Deutsch 2-pin
Mount:	Single Bolt M10 Single Bolt M8
Shock:	60G
Vibration:	HD Bracket 8Grms 24-2000Hz N/A
Lens:	PC
Body:	Aluminium
Weight:	0.7kg
IP Rating:	IP68 IP6K9K SAE J1455
Salt Mist:	ISO 9227 240H N/A
EMC:	CISPR 25 Class 5 EN12895 ISO 13766 ISO 14982 ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box



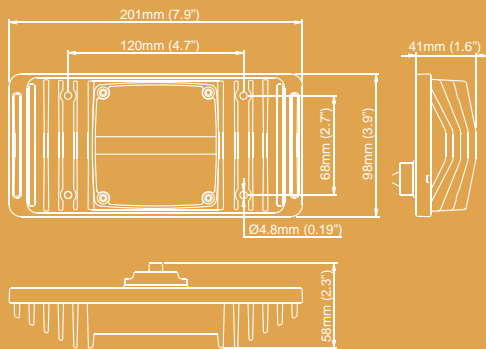
NORDIC KL11XX LED SERIES

The Nordic KL11XX LED work light is a rectangular LED work lamp for surface mount on the application body.

The KL11XX LED matches the basic introduction level needs for heavy duty lighting and is the right light when replacing halogen work lights.

Drawings





KL1101, KL1102




Features

-  Long Lifetime
-  Low Maintenance
-  Waterproof
-  Heavy Duty Construction
-  Reverse Voltage Protected
-  EMC
-  Load Dump Protected
-  Over Voltage Protected
-  Overheat Protected
-  Salt Mist
-  Optically Even Light Distribution
-  Multi Voltage
-  Compact
-  Dimmable
-  Suitable and Easy Fit for Many Applications

Connectors

-  Fly Leads
-  Pigtail AMP
-  Pigtail Deutsch 2-pin
-  Pigtail PGJ19-5

Lenses

-  Transparent



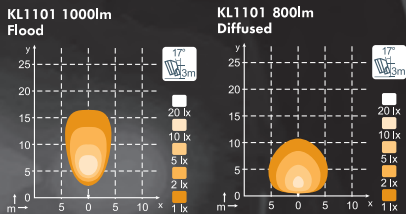
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KL1101 LED

1000lm, Dimmable

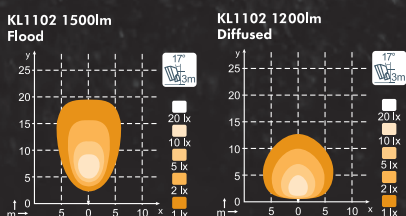
Light Patterns



KL1102 LED

1500lm, Dimmable

Light Patterns



Specifications

Theoretical Lumens Output:	1600lm
Operational Lumens Output:	1000lm
Colour Temperature:	5700K
Nominal Voltage DC:	12-24V
Input Voltage Range DC:	9-32V
Power Consumption:	24W
Nominal Current at:	24V 1.0A 12V 2.0A
Electronics:	Integrated / Isolated
Connector:	Fly Leads Pigtail AMP Pigtail Deutsch 2-pin Pigtail PGJ19-5
Mount:	Integrated
Shock:	60G
Vibration:	8Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	0.45kg
IP Rating:	IP68 IP6K9K SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 5 EN12895 ISO 13766 ISO 14982 ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

KL-SERIES LED
WORK LIGHTS

Specifications

Theoretical Lumens Output:	2400lm
Operational Lumens Output:	1500lm
Colour Temperature:	5700K
Nominal Voltage DC:	12-24V
Input Voltage Range DC:	9-32V
Power Consumption:	24W
Nominal Current at:	24V 1.0A 12V 2.0A
Electronics:	Integrated / Isolated
Connector:	Fly Leads Pigtail AMP Pigtail Deutsch 2-pin Pigtail PGJ19-5
Mount:	Integrated
Shock:	60G
Vibration:	8Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	0.45kg
IP Rating:	IP68 IP6K9K SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 5 EN12895 ISO 13766 ISO 14982 ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box



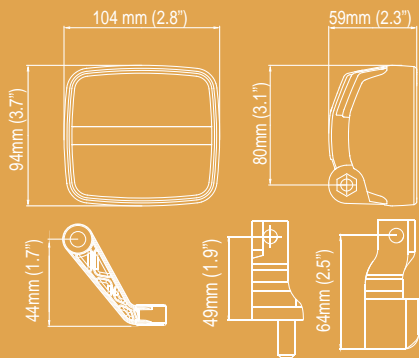
NORDIC KL20XX LED SERIES

The Nordic KL20XX LED work lamp is an affordable upgrade for your lighting needs, The KL20XX LED matches the basic introduction level needs for heavy duty lighting and is the right light when replacing halogen work lights.

The lamp is available with three different bracket options.

Drawings



NORDIC KL2001 LED




Features

-  Long Lifetime
-  Low Maintenance
-  Waterproof
-  Heavy Duty Construction
-  Reverse Voltage Protected
-  EMC
-  Load Dump Protected
-  Over Voltage Protected
-  Overheat Protected
-  Salt Mist
-  Optically Even Light Distribution
-  Multi Voltage
-  Compact
-  Dimmable

Connectors

-  Built-in AMP
-  Built-in Deutsch 2-pin

Lenses

-  Transparent



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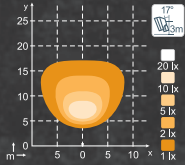


KL2001 LED

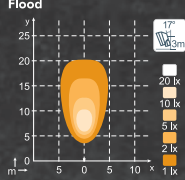
1200lm, Dimmable

Light Patterns

KL2001 1200lm
Wide Flood



KL2001 1200lm
Flood



Specifications

Theoretical Lumens Output:	1900lm	
Operational Lumens Output:	1200lm	
Colour Temperature:	5700K	
Nominal / Input Voltage DC:	12-24V	9-32V
Nominal Current at:	24V	0.8A
	12V	1.7A
Electronics:	Integrated	
Connector:	Built-in AMP	
	Built-in Deutsch 2-pin	
Mount:	Single Bolt M8	
Shock:	60G	
Vibration:	8Grms 24-2000Hz	
Lens:	PC	
Body:	Aluminium	
Weight:	0.5kg	
IP Rating:	Integrated	
	IP68	
	IP6K9K	
	SAE J1455	
Salt Mist:	ISO 9227 240H	
EMC:	CISPR 25 Class 5	
	EN12895	
	ISO 13766	
	ISO 14982	
	ISO 7637-2	
Operating Temperatures:	-40°C... +85°C (Overheat protected)	
Packing:	12 pce / Box	

KL-SERIES LED
WORK LIGHTS



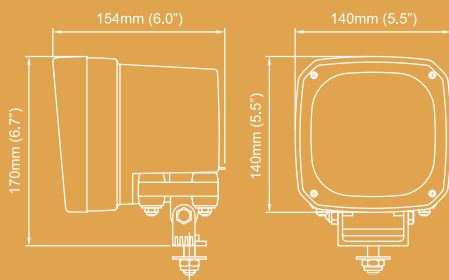


NORDIC N400 HID SERIES

The Nordic N400 HID has been developed for use in harsh conditions. The light features Xtreme Heavy Duty Dampening and available in standard 35W or 45W Booster implementation. The work light is also available with Handle and Switch. The N400 HID is highly resistant to shock and vibration.

Drawings



N400 HID BOOSTER XD, N400 HID



Features

-  Waterproof
-  Heavy Duty Construction
-  Salt Mist
-  Distinct Light Pattern
-  Different Lens Colour Versions Available
-  High Light Output
-  High Lumens / Watt Efficiency
-  Extreme Heavy Duty Dampening
-  Heavy Duty Glass Fibre Reinforced Housing
-  Integrated Ballast
-  Gore™ Membrane Vent Installed
-  Hardened Glass
-  Interchangeable Light Unit
-  Versions for Mounting on Any Required Axis
-  Handle And Switch

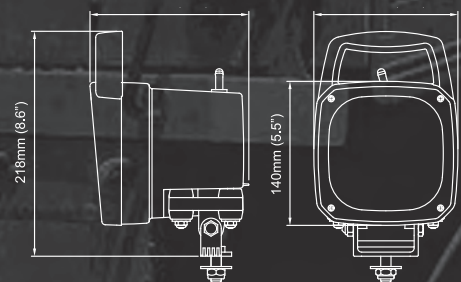
Connectors

-  Built-in Deutsch 2-pin
-  Pigtail Deutsch 2-pin

Lenses

-  Amber
-  Transparent

N400 HID BOOSTER XD HS, N400 HID



Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

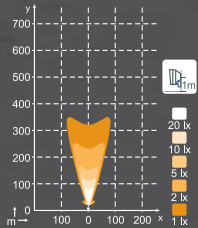


N400 HID BOOSTER XD

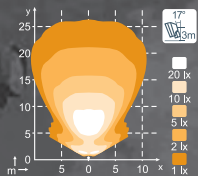
3500lm, 45W, Xtreme Dampening

Light Patterns

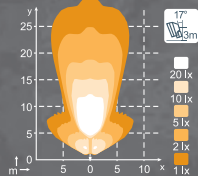
N400 HID 45W
Low Beam



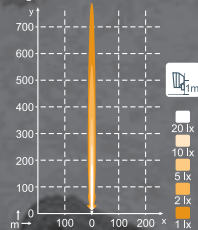
N400 HID 45W
Wide Flood



N400 HID 45W
Flood



N400 HID 45W
High Beam

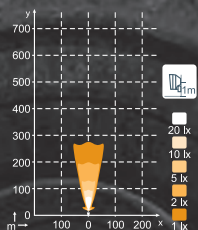


N400 HID XD

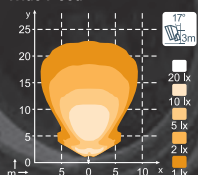
2500lm, 35W, Xtreme Dampening

Light Patterns

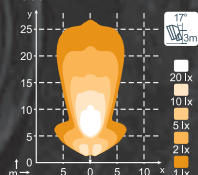
N400 HID 35W
Low Beam



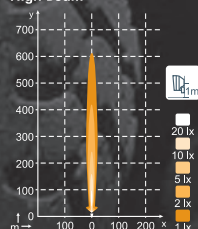
N400 HID 35W
Wide Flood



N400 HID 35W
Flood



N400 HID 35W
High Beam



Specifications

Theoretical Lumens Output:	5200lm
Operational Lumens Output:	3500lm
Colour Temperature:	4250K
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Bulb:	35W D1S
Nominal Current at:	24V 2.0A
	12V 4.1A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin Pigtail Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	50G
Vibration:	15.3Grms 24-2000Hz
Lens:	Hardened Glass
Body:	Glass Fibre Reinforced Polyamide
Weight:	1.3kg
IP Rating:	IP68
	IP6K9K
Salt Mist:	ISO 9227 240H
EMC:	ISO 13766
Operating Temperatures:	-40°C... +85°C
Packing:	6 pce / Box

Specifications

Theoretical Lumens Output:	3200lm
Operational Lumens Output:	2500lm
Colour Temperature:	4250K
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Bulb:	35W D1S
Nominal Current at:	24V 1.5A
	12V 3.0A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin Pigtail Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	50G
Vibration:	15.3Grms 24-2000Hz
Lens:	Hardened Glass
Body:	Glass Fibre Reinforced Polyamide
Weight:	1.3kg
IP Rating:	IP68
	IP6K9K
Salt Mist:	ISO 9227 240H
EMC:	ISO 13766
Operating Temperatures:	-40°C... +85°C
Packing:	6 pce / Box

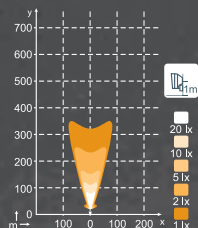


N400 HID BOOSTER XD HS

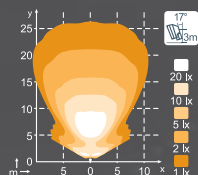
3500lm, 45W, Xtreme Dampening, Handle & Switch

Light Patterns

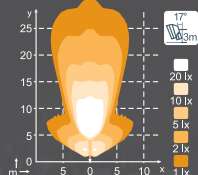
N400 HID 45W Low Beam



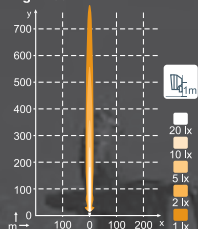
N400 HID 45W Wide Flood



N400 HID 45W Flood



N400 HID 45W High Beam

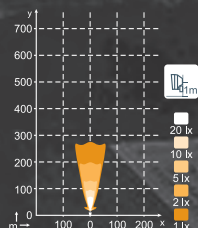


N400 HID XD HS

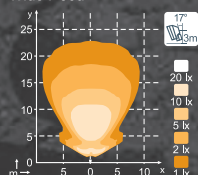
2500lm, 35W, Xtreme Dampening, Handle & Switch

Light Patterns

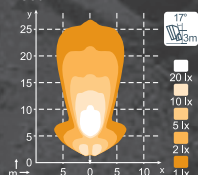
N400 HID 35W Low Beam



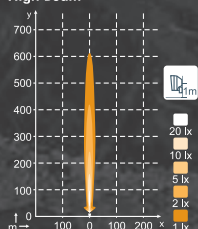
N400 HID 35W Wide Flood



N400 HID 35W Flood



N400 HID 35W High Beam



Specifications

Theoretical Lumens Output:	5200lm	
Operational Lumens Output:	3500lm	
Colour Temperature:	4250K	
Nominal / Input Voltage DC:	24V	16-32V
	12V	8-16V
Bulb:	35W D1S	
Nominal Current at:	24V	2.0A
	12V	4.1A
Electronics:	Integrated	
Connector:	Built-in Deutsch 2-pin Pigtail Deutsch 2-pin	
Mount:	Single Bolt M10	
Shock:	50G	
Vibration:	15.3Grms 24-2000Hz	
Lens:	Hardened Glass	
Body:	Glass Fibre Reinforced Polyamide	
Weight:	1.3kg	
IP Rating:	IP68	
	IP6K9K	
Salt Mist:	ISO 9227 240H	
EMC:	ISO 13766	
Operating Temperatures:	-40°C... +85°C	
Packing:	6 pce / Box	

Specifications

Theoretical Lumens Output:	3200lm	
Operational Lumens Output:	2500lm	
Colour Temperature:	4250K	
Nominal / Input Voltage DC:	24V	16-32V
	12V	8-16V
Bulb:	35W D1S	
Nominal Current at:	24V	1.5A
	12V	3.0A
Electronics:	Integrated	
Connector:	Built-in Deutsch 2-pin Pigtail Deutsch 2-pin	
Mount:	Single Bolt M10	
Shock:	50G	
Vibration:	15.3Grms 24-2000Hz	
Lens:	Hardened Glass	
Body:	Glass Fibre Reinforced Polyamide	
Weight:	1.3kg	
IP Rating:	IP68	
	IP6K9K	
Salt Mist:	ISO 9227 240H	
EMC:	ISO 13766	
Operating Temperatures:	-40°C... +85°C	
Packing:	6 pce / Box	



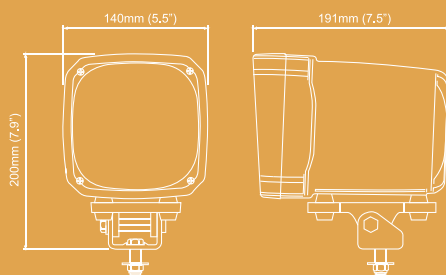


NORDIC N200 HID SERIES

The Nordic N200 HID is a strong living legend among Heavy Duty applications. The light features Xtreme Heavy Duty Dampening and the ballast is housed inside the die-cast hermetically sealed aluminium body. The N200 HID is designed to withstand the rugged conditions of the mining, drilling and earth moving industries.

Drawings


N200 HID XD



Features

-  Waterproof
-  Distinct Light Pattern
-  Extreme Heavy Duty Dampening
-  Gore™ Membrane Vent Installed
-  Potted Electronics
-  Heavy Duty Construction
-  High Light Output
-  Heavy Duty Aluminium Housing
-  Hardened Glass
-  Versions for Mounting on Any Required Axis
-  Salt Mist
-  High Lumens / Watt Efficiency
-  Integrated Ballast
-  Interchangeable Light Unit

Connectors

-  Built-in Deutsch 2-pin

Lenses

-  Transparent



Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

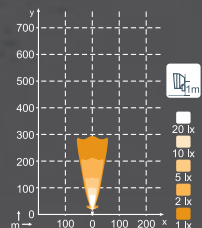


N200 HID XD

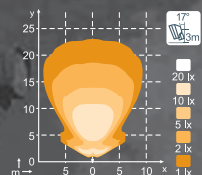
2500lm, 35W, Xtreme Dampening

Light Patterns

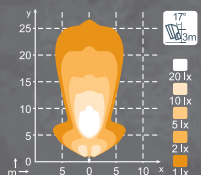
N200 HID 35W
Low Beam



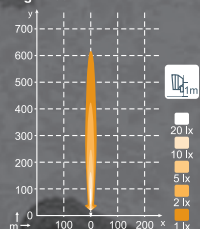
N200 HID 35W
Wide Flood



N200 HID 35W
Flood



N200 HID 35W
High Beam



Specifications

Theoretical Lumens Output:	3200lm	
Operational Lumens Output:	2500lm	
Colour Temperature:	4250K	
Nominal / Input Voltage DC:	24V	16-32V
	12V	8-16V
Bulb:	35W D2S	
Nominal Current at:	24V	1.7A
	12V	3.4A
Electronics:	Integrated	
Connector:	Built-in Deutsch 2-pin	
Mount:	Single Bolt M10	
Shock:	60G	
Vibration:	20Grms 24-2000Hz	
Lens:	Hardened Glass	
Body:	Aluminium	
Weight:	2.4kg	
IP Rating:	IP68	
Salt Mist:	ISO 9227 240H	
EMC:	ISO 13766	
Operating Temperatures:	-40°C... +85°C	
Packing:	6 pce / Box	

HID
WORK LIGHTS



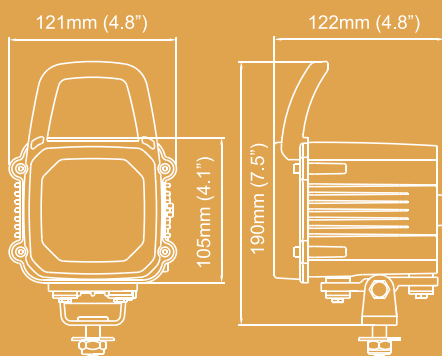
NORDIC N45 HID SERIES

The Nordic N45 HID is a compact Heavy Duty lighting solution.

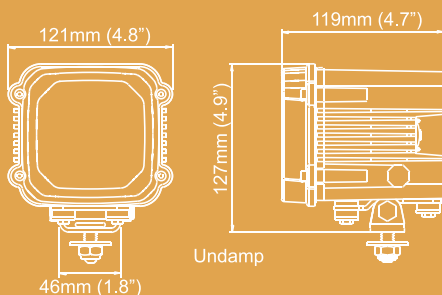
The light features Xtreme Heavy Duty Dampening and is available in standard 35W or 45W Booster implementation. The work light is also available with Handle. The N45 HID is highly resistant to shock and vibration.

Drawings

N45 HID BOOSTER H, N45 HID H





N45 HID BOOSTER, N45 HID



Features

-  Waterproof
-  Distinct Light Pattern
-  Compact
-  Integrated Ballast
-  Interchangeable Light Unit
-  Heavy Duty Construction
-  High Light Output
-  Extreme Heavy Duty Dampening
-  Gore™ Membrane Vent Installed
-  Versions for Mounting on Any Required Axis
-  Salt Mist
-  High Lumens / Watt Efficiency
-  Heavy Duty Aluminium Housing
-  Hardened Glass
-  Handle

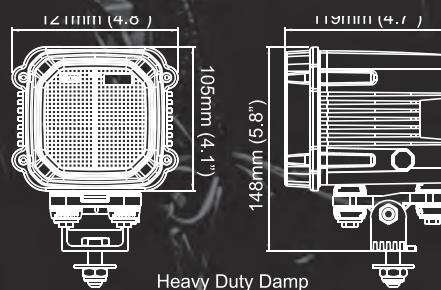
Connectors

-  Built-in Deutsch 2-pin
-  Pigtail Deutsch 2-pin

Lenses

-  Transparent

N45 HID BOOSTER XD, N45 HID XD



Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

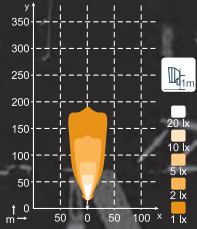


N45 HID BOOSTER XD

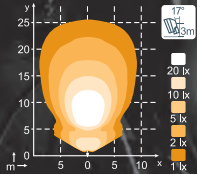
3500lm, 45W, Xtreme Dampening

Light Patterns

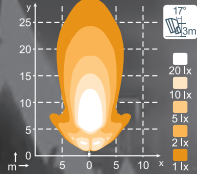
N45 HID 45W
Low Beam



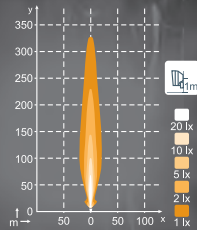
N45 HID 45W
Wide Flood



N45 HID 45W
Flood



N45 HID 45W
High Beam

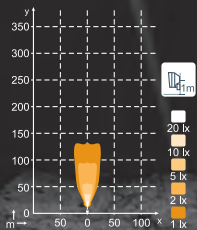


N45 HID XD

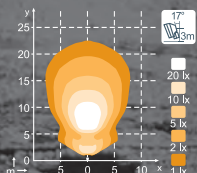
2500lm, 35W, Xtreme Dampening

Light Patterns

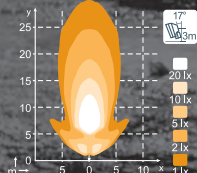
N45 HID 35W
Low Beam



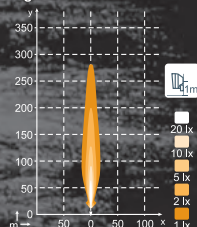
N45 HID 35W
Wide Flood



N45 HID 35W
Flood



N45 HID 35W
High Beam



Specifications

Theoretical Lumens Output:	5200lm
Operational Lumens Output:	3500lm
Colour Temperature:	4250K
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Bulb:	35W D1S
Nominal Current at:	24V 2.0A
	12V 4.1A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
	Pigtail Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	50G
Vibration:	20Grms 24-2000Hz
Lens:	Hardened Glass
Body:	Aluminium
Weight:	1.2kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	ISO 13766
Operating Temperatures:	-40°C... +85°C
Packing:	12 pce / Box

Specifications

Theoretical Lumens Output:	3200lm
Operational Lumens Output:	2500lm
Colour Temperature:	4250K
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Bulb:	35W D1S
Nominal Current at:	24V 1.5A
	12V 3.0A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
	Pigtail Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	50G
Vibration:	20Grms 24-2000Hz
Lens:	Hardened Glass
Body:	Aluminium
Weight:	1.2kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	ISO 13766
Operating Temperatures:	-40°C... +85°C
Packing:	12 pce / Box

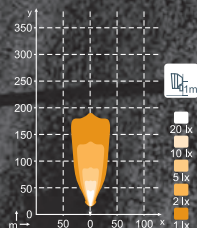


N45 HID BOOSTER

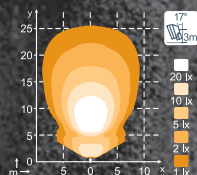
3500lm, 45W

Light Patterns

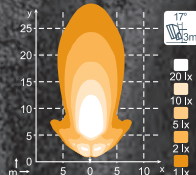
N45 HID 45W
Low Beam



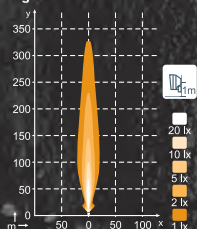
N45 HID 45W
Wide Flood



N45 HID 45W
Flood



N45 HID 45W
High Beam

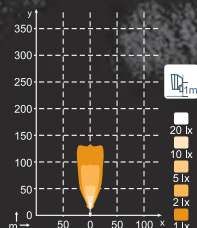


N45 HID

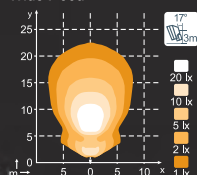
2500lm, 35W

Light Patterns

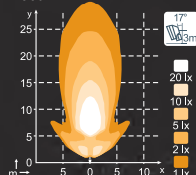
N45 HID 35W
Low Beam



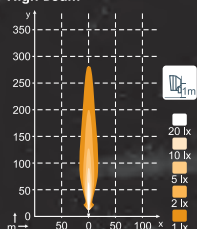
N45 HID 35W
Wide Flood



N45 HID 35W
Flood



N45 HID 35W
High Beam



Specifications

Theoretical Lumens Output:	5200lm	
Operational Lumens Output:	3500lm	
Colour Temperature:	4250K	
Nominal / Input Voltage DC:	24V	16-32V
	12V	8-16V
Bulb:	35W D1S	
Nominal Current at:	24V	2.0A
	12V	4.1A
Electronics:	Integrated	
Connector:	Built-in Deutsch 2-pin Pigtail Deutsch 2-pin	
Mount:	Single Bolt M10	
Shock:	50G	
Vibration:	15.3Grms 24-2000Hz	
Lens:	Hardened Glass	
Body:	Aluminium	
Weight:	1.1kg	
IP Rating:	IP68	
	IP6K9K	
	SAE J1455	
Salt Mist:	ISO 9227 240H	
EMC:	ISO 13766	
Operating Temperatures:	-40°C... +85°C	
Packing:	12 pce / Box	

Specifications

Theoretical Lumens Output:	3200lm	
Operational Lumens Output:	2500lm	
Colour Temperature:	4250K	
Nominal / Input Voltage DC:	24V	16-32V
	12V	8-16V
Bulb:	35W D1S	
Nominal Current at:	24V	1.5A
	12V	3.0A
Electronics:	Integrated	
Connector:	Built-in Deutsch 2-pin Pigtail Deutsch 2-pin	
Mount:	Single Bolt M10	
Shock:	50G	
Vibration:	15.3Grms 24-2000Hz	
Lens:	Hardened Glass	
Body:	Aluminium	
Weight:	1.1kg	
IP Rating:	IP68	
	IP6K9K	
	SAE J1455	
Salt Mist:	ISO 9227 240H	
EMC:	ISO 13766	
Operating Temperatures:	-40°C... +85°C	
Packing:	12 pce / Box	

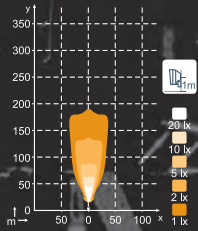


N45 HID BOOSTER H

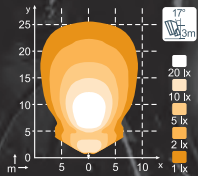
3500lm, 45W, Handle

Light Patterns

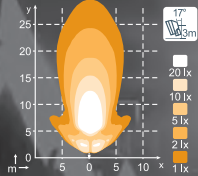
N45 HID 45W
Low Beam



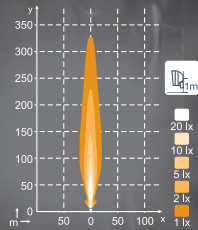
N45 HID 45W
Wide Flood



N45 HID 45W
Flood



N45 HID 45W
High Beam

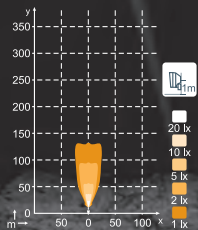


N45 HID H

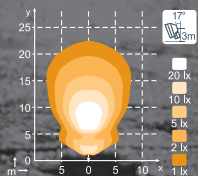
2500lm, 35W, Handle

Light Patterns

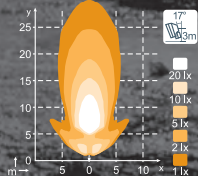
N45 HID 35W
Low Beam



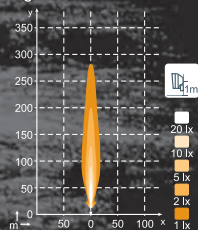
N45 HID 35W
Wide Flood



N45 HID 35W
Flood



N45 HID 35W
High Beam



Specifications

Theoretical Lumens Output:	5200lm
Operational Lumens Output:	3500lm
Colour Temperature:	4250K
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Bulb:	35W D1S
Nominal Current at:	24V 2.0A
	12V 4.1A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin Pigtail Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	50G
Vibration:	15.3Grms 24-2000Hz
Lens:	Hardened Glass
Body:	Aluminium
Weight:	1.1kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	ISO 13766
Operating Temperatures:	-40°C... +85°C
Packing:	12 pce / Box

Specifications

Theoretical Lumens Output:	3200lm
Operational Lumens Output:	2500lm
Colour Temperature:	4250K
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Bulb:	35W D1S
Nominal Current at:	24V 1.5A
	12V 3.0A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin Pigtail Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	50G
Vibration:	15.3Grms 24-2000Hz
Lens:	Hardened Glass
Body:	Aluminium
Weight:	1.1kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	ISO 13766
Operating Temperatures:	-40°C... +85°C
Packing:	12 pce / Box



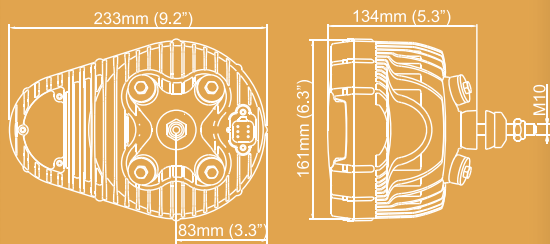
NORDIC SCULPTOR LED SERIES

The Nordic SCULPTOR LED QD integrates headlight, indicator and park light in one assembly. The light is very useful in agricultural, construction as well as truck and trailer applications.

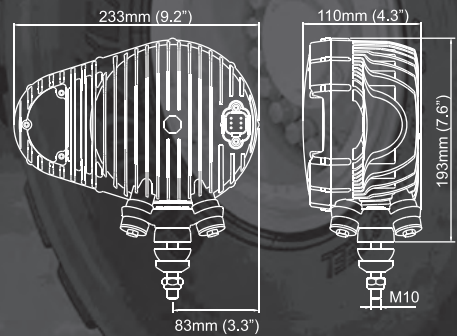
The SCULPTOR LED QD combination light is available as ECE approved version and a ideal LED solution for a headlamp/indicator requirement.

Drawings

N6001 QD



N6002 QD



Features

- Long Lifetime
- Low Maintenance
- Waterproof
- Heavy Duty Construction
- Reverse Voltage Protected
- EMC
- Load Dump Protected
- Over Voltage Protected
- Overheat Protected
- Salt Mist
- Optically Even Light Distribution
- Distinct Light Pattern
- Multi Voltage
- Quake Dampening
- ECE
- Headlight, Indicator and Park Light in One Assembly

Connectors

- Built-in Deutsch 6-pin

Lenses

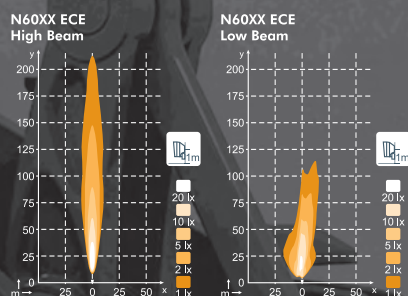
- Transparent



SCULPTOR LED N6001 QD

ECE, Quake Dampening, Rear mount

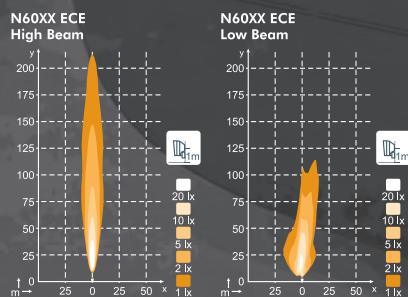
Light Patterns



SCULPTOR LED N6002 QD

ECE, Quake Dampening, Pedestal mount

Light Patterns



Specifications

Approvals:	ECE
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Bulb ECE:	Indicator 17.5W
	Park 2.7W
	Headlight 22W
Electronics:	Integrated
Connector:	Built-in Deutsch 6-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3 Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	2.5kg
IP Rating:	IP68
	IP6K9K
	SAEJ1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	EN12895
	ISO 13766
	ISO 14982
	ISO 7637-2
	R10
Operating Temperatures:	-40°C ... +85°C (Overheat protected)
Packing:	6 pce / Box

Specifications

Approvals:	ECE
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Bulb ECE:	Indicator 17.5W
	Park 2.7W
	Headlight 22W
Electronics:	Integrated
Connector:	Built-in Deutsch 6-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3 Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	2.5kg
IP Rating:	IP68
	IP6K9K
	SAEJ1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 3
	EN12895
	ISO 13766
	ISO 14982
	ISO 7637-2
	R10
Operating Temperatures:	-40°C ... +85°C (Overheat protected)
Packing:	6 pce / Box



NORDIC N5XX SERIES

The Nordic N500 Series is an ideal Heavy Duty headlight/indicator solution. The N500 Series integrates headlight, indicator and park light in one assembly. The lamp is available with 3-point Vibration Dampener and in both ECE and SAE approved implementations.

Features



Salt Mist



ECE



SAE



Suitable and Easy Fit for Many Applications



Headlight, Indicator and Park Light in One Assembly



Extra Wide Viewing Angle from Single Indicator Lamp



Hardened Glass Combined with Polyamide Housing



3-Point Vibration Dampening

Connectors



Built-in AMP 6-pin



Built-in Deutsch 6-pin



Grommet



Pigtail Deutsch 6-pin

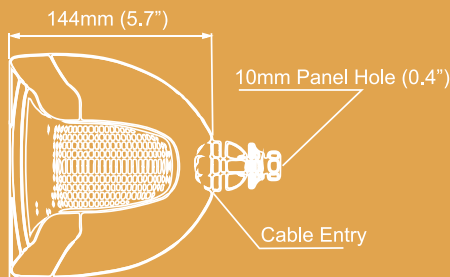
Lenses



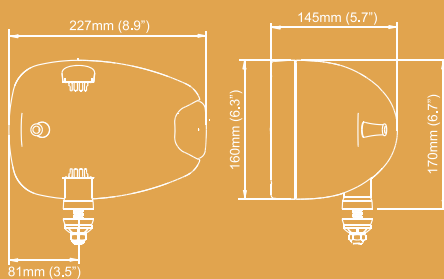
Transparent

Drawings

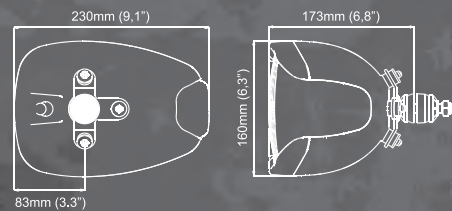
N500 LED, N500



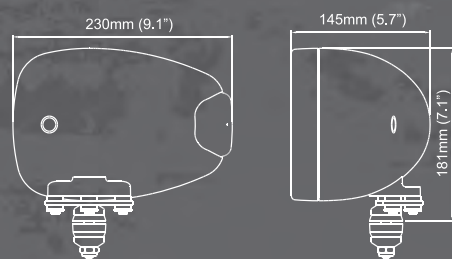
N520 LED, N520



N503 LED, N503



N523 LED, N523



Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

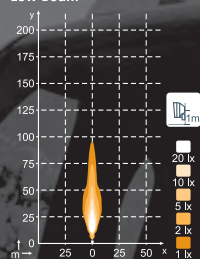


N523 LED

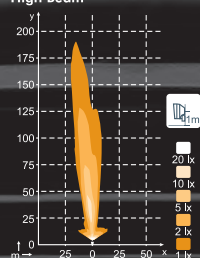
ECE or SAE, LED Indicator, 3-Point Vibration Dampening, Pedestal mount

Light Patterns

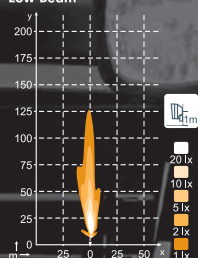
N5XX SAE
Low Beam



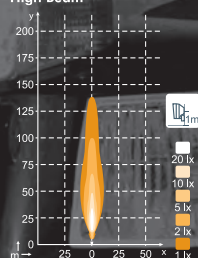
N5XX ECE
High Beam



N5XX ECE
Low Beam



N5XX SAE
High Beam

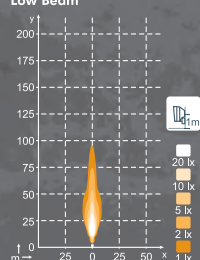


N520 LED

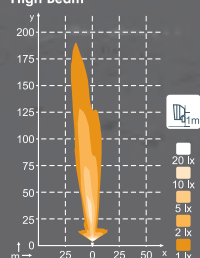
ECE or SAE, LED Indicator, Pedestal mount

Light Patterns

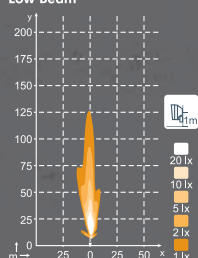
N5XX SAE
Low Beam



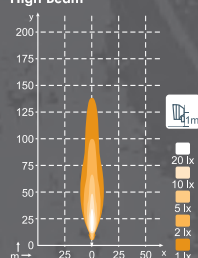
N5XX ECE
High Beam



N5XX ECE
Low Beam



N5XX SAE
High Beam



Specifications

Approvals:	ECE
	SAE
Colour Temperature:	3200K
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Bulb ECE:	Headlight 24V 75/70W H4 (P43t)
	Park 24V W5W (W2.1x9.5d)
	Indicator LED
Bulb SAE:	Headlight 9007 12V 65/55W HBS
	Indicator LED
	Park W5W 12V
Electronics:	Integrated
Connector:	Built-in AMP 6-pin
	Built-in Deutsch 6-pin
	Grommet
	Pigtail Deutsch 6-pin
Mount:	Single Bolt M10
Vibration:	10.8Grms 18-600Hz
Lens:	Hardened Glass
Body:	Polyamide
Weight:	1.5kg
IP Rating:	IP54
Salt Mist:	ISO 9227 240H
Operating Temperatures:	-40°C ... +85°C
Packing:	6 pce / Box

Specifications

Approvals:	ECE
	SAE
Colour Temperature:	3200K
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Bulb ECE:	Headlight 24V 75/70W H4 (P43t)
	Park 24V W5W (W2.1x9.5d)
	Indicator LED
Bulb SAE:	Headlight 9007 12V 65/55W HBS
	Indicator LED
	Park W5W 12V
Electronics:	Integrated
Connector:	Built-in AMP 6-pin
	Built-in Deutsch 6-pin
	Grommet
	Pigtail Deutsch 6-pin
Mount:	Single Bolt M10
Vibration:	N/A
Lens:	Hardened Glass
Body:	Polyamide
Weight:	1.5kg
IP Rating:	IP54
Salt Mist:	ISO 9227 240H
Operating Temperatures:	-40°C ... +85°C
Packing:	6 pce / Box

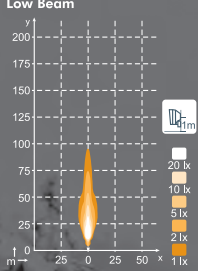


N503 LED

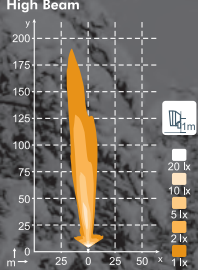
ECE or SAE, LED Indicator, 3-Point Vibration Dampening, Rear mount

Light Patterns

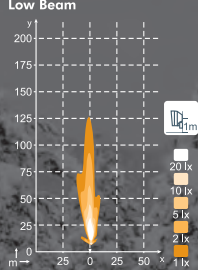
N5XX SAE



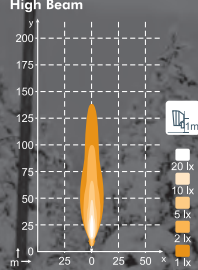
N5XX ECE



N5XX ECE



N5XX SAE

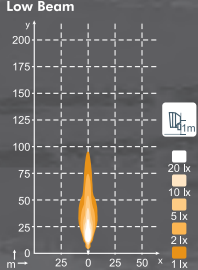


N500 LED

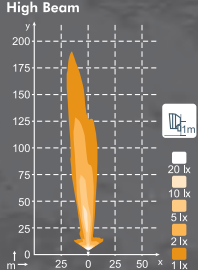
ECE or SAE, LED Indicator, Rear mount

Light Patterns

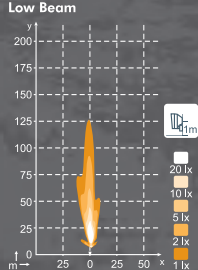
N5XX SAE



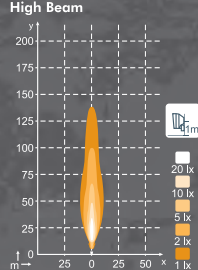
N5XX ECE



N5XX ECE



N5XX SAE



Specifications

Approvals:	ECE
	SAE
Colour Temperature:	3200K
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Bulb ECE:	Headlight 24V 75/70W H4 (P43t)
	Park 24V W5W (W2.1x9.5d)
	Indicator LED
Bulb SAE:	Headlight 9007 12V 65/55W HBS
	Indicator LED
	Park W5W 12V
Electronics:	Integrated
Connector:	Built-in AMP 6-pin
	Built-in Deutsch 6-pin
	Grommet
	Pigtail Deutsch 6-pin
Mount:	Single Bolt M10
Vibration:	10.8Grms 18-600Hz
Lens:	Hardened Glass
Body:	Polyamide
Weight:	1.5kg
IP Rating:	IP54
Salt Mist:	ISO 9227 240H
Operating Temperatures:	-40°C ... +85°C
Packing:	6 pce / Box

Specifications

Approvals:	ECE
	SAE
Colour Temperature:	3200K
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Bulb ECE:	Headlight 24V 75/70W H4 (P43t)
	Park 24V W5W (W2.1x9.5d)
	Indicator LED
Bulb SAE:	Headlight 9007 12V 65/55W HBS
	Indicator LED
	Park W5W 12V
Electronics:	Integrated
Connector:	Built-in AMP 6-pin
	Built-in Deutsch 6-pin
	Grommet
	Pigtail Deutsch 6-pin
Mount:	Single Bolt M10
Vibration:	N/A
Lens:	Hardened Glass
Body:	Polyamide
Weight:	1.5kg
IP Rating:	IP54
Salt Mist:	ISO 9227 240H
Operating Temperatures:	-40°C ... +85°C
Packing:	6 pce / Box

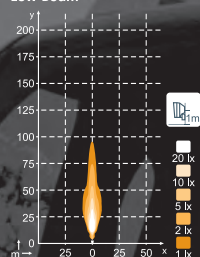


N523 Halogen

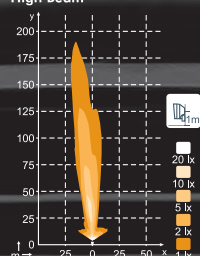
ECE or SAE, 3-Point Vibration Dampening,
Pedestal mount

Light Patterns

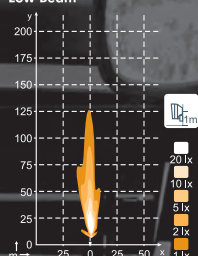
N5XX SAE
Low Beam



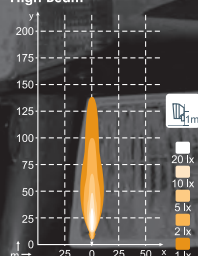
N5XX ECE
High Beam



N5XX ECE
Low Beam



N5XX SAE
High Beam

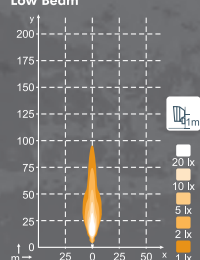


N520 Halogen

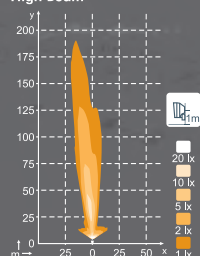
ECE or SAE, Pedestal mount

Light Patterns

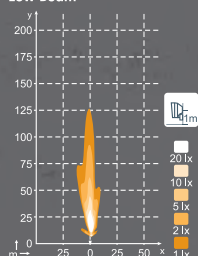
N5XX SAE
Low Beam



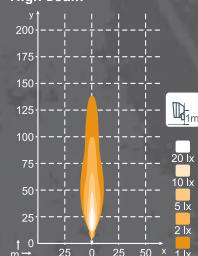
N5XX ECE
High Beam



N5XX ECE
Low Beam



N5XX SAE
High Beam



Specifications

Approvals:	ECE
	SAE
Colour Temperature:	3200K
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Bulb ECE:	Headlight 24V 75/70W H4 (P43t)
	Indicator 24V PY21W (BAU15s)
	Park 24V W5W (W2.1x9.5d)
Bulb SAE:	Headlight 9007 12V 65/55W HBS
	Indicator P21W 12V BA15s
	Park W5W 12V
Electronics:	Integrated
Connector:	Built-in AMP 6-pin
	Built-in Deutsch 6-pin
	Grommet
	Pigtail Deutsch 6-pin
Mount:	Single Bolt M10
Vibration:	10.8Grms 18-600Hz
Lens:	Hardened Glass
Body:	Polyamide
Weight:	1.5kg
IP Rating:	IP54
Salt Mist:	ISO 9227 240H
Operating Temperatures:	-40°C ... +85°C
Packing:	6 pce / Box

Specifications

Approvals:	ECE
	SAE
Colour Temperature:	3200K
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Bulb ECE:	Headlight 24V 75/70W H4 (P43t)
	Indicator 24V PY21W (BAU15s)
	Park 24V W5W (W2.1x9.5d)
Bulb SAE:	Headlight 9007 12V 65/55W HBS
	Indicator P21W 12V BA15s
	Park W5W 12V
Electronics:	Integrated
Connector:	Built-in AMP 6-pin
	Built-in Deutsch 6-pin
	Grommet
	Pigtail Deutsch 6-pin
Mount:	Single Bolt M10
Vibration:	N/A
Lens:	Hardened Glass
Body:	Polyamide
Weight:	1.5kg
IP Rating:	IP54
Salt Mist:	ISO 9227 240H
Operating Temperatures:	-40°C ... +85°C
Packing:	6 pce / Box

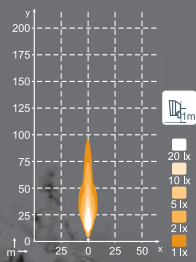


N503 Halogen

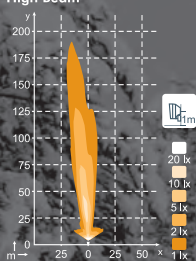
ECE or SAE, 3-Point Vibration Dampening, Rear mount

Light Patterns

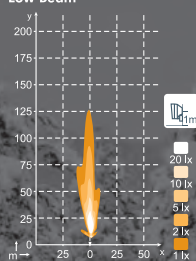
N5XX SAE Low Beam



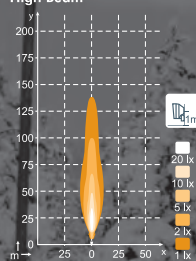
N5XX ECE High Beam



N5XX ECE Low Beam



N5XX SAE High Beam

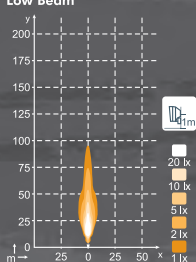


N500 Halogen

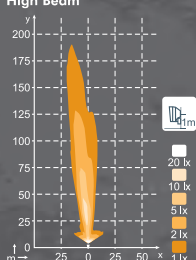
ECE or SAE, Rear mount

Light Patterns

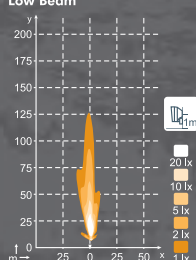
N5XX SAE Low Beam



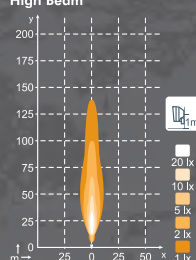
N5XX ECE High Beam



N5XX ECE Low Beam



N5XX SAE High Beam



Specifications

Approvals:	ECE
	SAE
Colour Temperature:	3200K
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Bulb ECE:	Headlight 24V 75/70W H4 (P43t)
	Indicator 24V PY21W (BAU15s)
	Park 24V W5W (W2.1x9.5d)
Bulb SAE:	Headlight 9007 12V 65/55W HBS
	Indicator P21W 12V BA15s
	Park W5W 12V
Electronics:	Integrated
Connector:	Built-in AMP 6-pin
	Built-in Deutsch 6-pin
	Grommet
	Pigtail Deutsch 6-pin
Mount:	Single Bolt M10
Vibration:	10.8Grms 18-600Hz
Lens:	Hardened Glass
Body:	Polyamide
Weight:	1.5kg
IP Rating:	IP54
Salt Mist:	ISO 9227 240H
Operating Temperatures:	-40°C ... +85°C
Packing:	6 pce / Box

Specifications

Approvals:	ECE
	SAE
Colour Temperature:	3200K
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Bulb ECE:	Headlight 24V 75/70W H4 (P43t)
	Indicator 24V PY21W (BAU15s)
	Park 24V W5W (W2.1x9.5d)
Bulb SAE:	Headlight 9007 12V 65/55W HBS
	Indicator P21W 12V BA15s
	Park W5W 12V
Electronics:	Integrated
Connector:	Built-in AMP 6-pin
	Built-in Deutsch 6-pin
	Grommet
	Pigtail Deutsch 6-pin
Mount:	Single Bolt M10
Vibration:	N/A
Lens:	Hardened Glass
Body:	Polyamide
Weight:	1.5kg
IP Rating:	IP54
Salt Mist:	ISO 9227 240H
Operating Temperatures:	-40°C ... +85°C
Packing:	6 pce / Box



HEAD LIGHTS



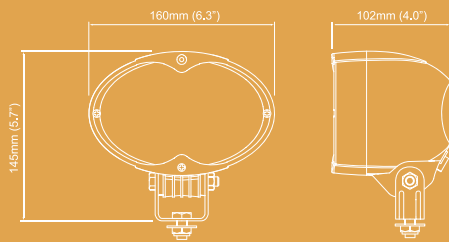
NORDIC N300 HALOGEN SERIES

The Nordic N300 Halogen work light is a solid, compact and slick work lamp.

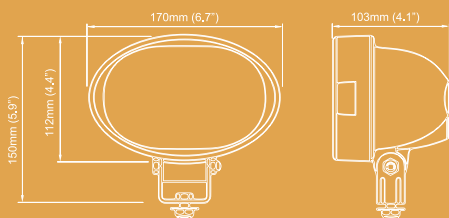
The light features twin and single power configurations and has a cut light pattern to prevent stray light upward. The N300 Halogen is also available with handle, grill or Super damping. ECE approved Reverse implementation available.

Drawings

N300 D TP, N300 D, N300 D R



N300 SD TP, N300 SD





Features

-  Salt Mist
-  Reverse Light
-  Light Weight
-  Heavy Duty Glass Fibre Reinforced Housing
-  Hardened Glass
-  Suitable and Easy Fit for Many Applications
-  Twin Power
-  Twin Power Offering a Very Strong Wide Light Pattern
-  Very Good Light Pattern for Work around the Application
-  Non-dazzling
-  Heavy Duty Anti-Vibration Dampening
-  Rotate Light Unit for Pendant Mount
-  Handle And Switch
-  Available with Grill

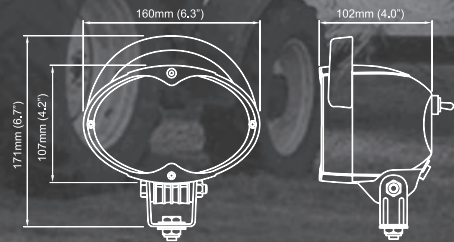
Connectors

-  Built-in AMP
-  Built-in Deutsch 2-pin
-  Fly Leads
-  Grommet
-  Pigtail Deutsch 2-pin

Lenses

-  Transparent
-  Yellow

N300 D TP H, N300 D H, N300 D H



Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

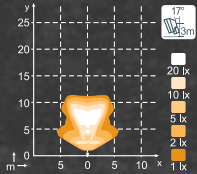


N300 HALOGEN SD

1400lm, Super Dampening

Light Patterns

N300 Halogen SP
Wide Flood



Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
Nominal Current at:	24V	70W
	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
Connector:	12V	4.6A
		Built-in AMP
		Built-in Deutsch 2-pin
		Fly Leads
		Grommet
Mount:		Pigtail Deutsch 2-pin
		Single Bolt M10
		Single Bolt M8
Shock:		60G
Vibration:		8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Glass Fibre Reinforced Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		24 pce / Box

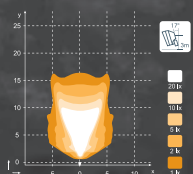


N300 HALOGEN SD TP

2800lm, Twin Power, Super Dampening

Light Patterns

N300 Halogen TP
Wide Flood



Specifications

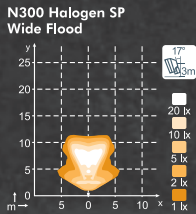
Theoretical Lumens Output:	12V	2900lm
	24V	3500lm
Operational Lumens Output:	12V	2200lm
	24V	2800lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	2 x 55W
	24V	2 x 70W
Nominal Current at:	80V	1.4A
	48V	2.8A
	36V	4.0A
	24V	5.4A
	12V	9.2A
Connector:		Built-in AMP
		Built-in Deutsch 2-pin
		Fly Leads
		Grommet
		Pigtail Deutsch 2-pin
Mount:		Single Bolt M10
		Single Bolt M8
		60G
Shock:		60G
Vibration:		8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Glass Fibre Reinforced Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		24 pce / Box



N300 HALOGEN D

1400lm, Dampening

Light Patterns



Specifications

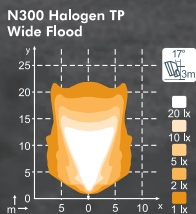
Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Shock:		60G
Vibration:		8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Glass Fibre Reinforced Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		24 pce / Box



N300 HALOGEN D TP

2800lm, Twin Power, Dampening

Light Patterns



Specifications

Theoretical Lumens Output:	12V	2900lm
	24V	3500lm
Operational Lumens Output:	12V	2200lm
	24V	2800lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-23V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	2 x 55W
	24V	2 x 70W
Nominal Current at:	80V	1.4A
	48V	2.8A
	36V	4.0A
	24V	5.4A
	12V	9.2A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Shock:		60G
Vibration:		8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Glass Fibre Reinforced Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		24 pce / Box

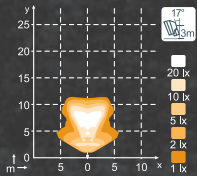


N300 HALOGEN D H

1400lm, Dampening, Handle

Light Patterns

N300 Halogen SP
Wide Flood



Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
Nominal Current at:	24V	70W
	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
Connector:	12V	4.6A
		Built-in AMP
		Built-in Deutsch 2-pin
		Fly Leads
		Grommet
Mount:		Pigtail Deutsch 2-pin
		Single Bolt M10
		Single Bolt M8
Shock:		60G
Vibration:		8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Glass Fibre Reinforced Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		24 pce / Box

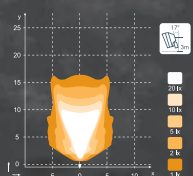


N300 HALOGEN D TP H

2800lm, Twin Power, Dampening, Handle

Light Patterns

N300 Halogen TP
Wide Flood



Specifications

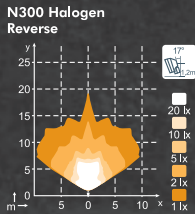
Theoretical Lumens Output:	12V	2900lm
	24V	3500lm
Operational Lumens Output:	12V	2200lm
	24V	2800lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	2 x 55W
	24V	2 x 70W
Nominal Current at:	80V	1.4A
	48V	2.8A
	36V	4.0A
	24V	5.4A
	12V	9.2A
Connector:		Built-in AMP
		Built-in Deutsch 2-pin
		Fly Leads
		Grommet
		Pigtail Deutsch 2-pin
Mount:		Single Bolt M10
		Single Bolt M8
		60G
Shock:		60G
Vibration:		8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Glass Fibre Reinforced Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		24 pce / Box



N300 HALOGEN D R

450lm, Reverse, Dampening

Light Patterns



Specifications

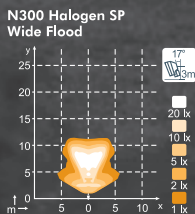
Approvals:		ECE R23
Theoretical Lumens Output:	24V	550 lm
	12V	550lm
Operational Lumens Output:	24V	450 lm
	12V	450lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Shock:		60G
Vibration:		8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Glass Fibre Reinforced Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C



N300 HALOGEN D H GRILL

1400lm, Dampening, Handle, Grill

Light Patterns



Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Shock:		60G
Vibration:		8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Glass Fibre Reinforced Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		24 pce / Box



**HALOGEN
WORK LIGHTS**



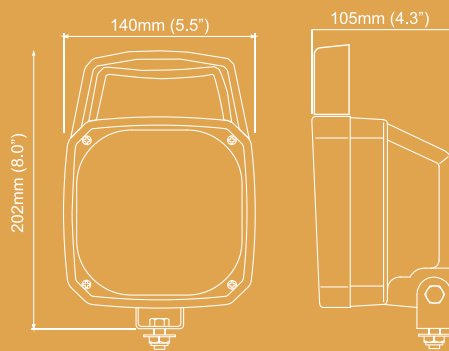
NORDIC N200 HALOGEN SERIES

The Nordic N200 Halogen is designed to surpass OEM standards for vibration, moisture and dust.

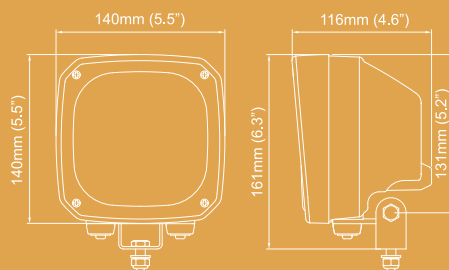
The light features Extreme Heavy Duty Dampening and Heavy Duty Anti-Vibration Dampening configurations. The N200 Halogen is available also with Handle. Proven reliability from arctic to equator.

Drawings

N200 D H, N200 H



N200 XD



Features



Salt Mist



Different Lens Colour Versions Available



Extreme Heavy Duty Dampening



Light Weight



Suitable and Easy Fit for Many Applications



Hardened Glass Combined with Polyamide Housing



Heavy Duty Anti-Vibration Dampening



Rotate Light Unit for Vertical, Pendant or Side mount



Handle

Connectors



Built-in AMP



Built-in Deutsch 2-pin



Fly Leads



Grommet



Pigtail Deutsch 2-pin

Lenses



Amber



Red

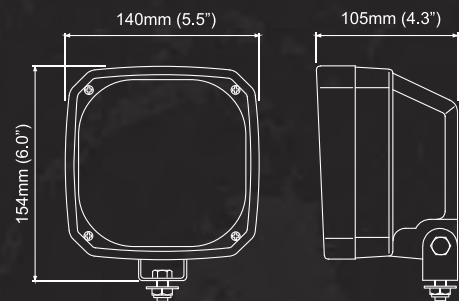


Transparent



Yellow

N200 D, N200



Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

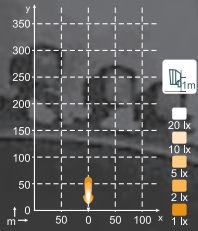


N200 HALOGEN XD

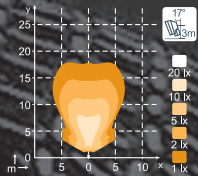
1400lm, Xtreme Dampening

Light Patterns

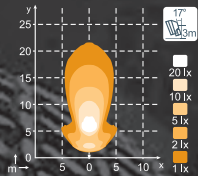
N200 Halogen Low Beam



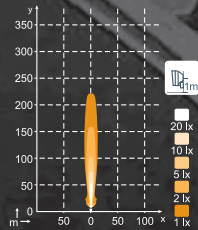
N200 Halogen Wide Flood



N200 Halogen Flood



N200 Halogen High Beam



Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Shock:	XD	60G
Vibration:		8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.6kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		16 pce / Box

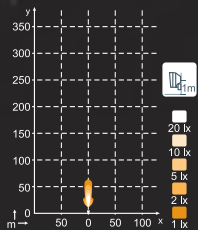


N200 HALOGEN D

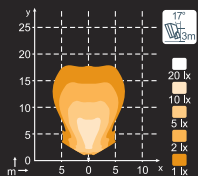
1400lm, Dampening

Light Patterns

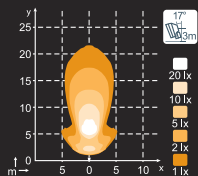
N200 Halogen Low Beam



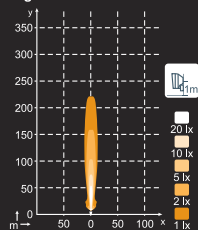
N200 Halogen Wide Flood



N200 Halogen Flood



N200 Halogen High Beam



Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Vibration:		8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.6kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		16 pce / Box

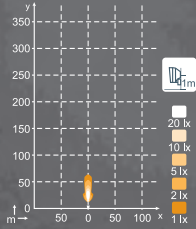


N200 HALOGEN

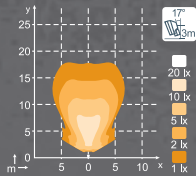
1400lm

Light Patterns

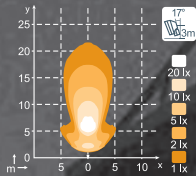
N200 Halogen Low Beam



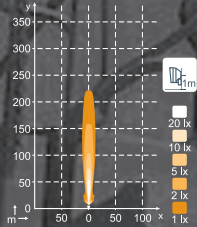
N200 Halogen Wide Flood



N200 Halogen Flood



N200 Halogen High Beam



Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP
		Built-in Deutsch 2-pin
		Fly Leads
		Grommet
		Pigtail Deutsch 2-pin
Mount:		Single Bolt M10
		Single Bolt M8
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.6kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		16 pce / Box

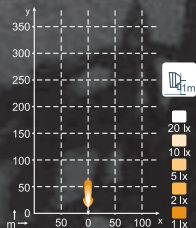


N200 HALOGEN D H

1400lm, Dampening, Handle

Light Patterns

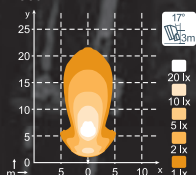
N200 Halogen Low Beam



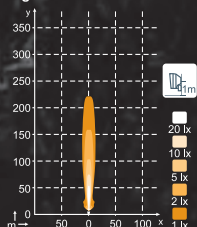
N200 Halogen Wide Flood



N200 Halogen Flood



N200 Halogen High Beam



Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP
		Built-in Deutsch 2-pin
		Fly Leads
		Grommet
		Pigtail Deutsch 2-pin
Mount:		Single Bolt M10
		Single Bolt M8
Vibration:		8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.6kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		16 pce / Box

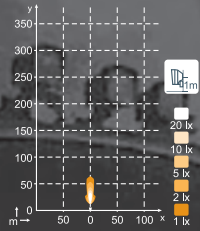


N200 HALOGEN H

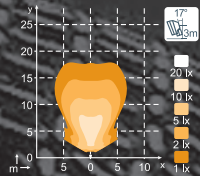
1400lm, Handle

Light Patterns

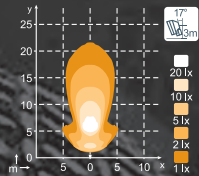
N200 Halogen Low Beam



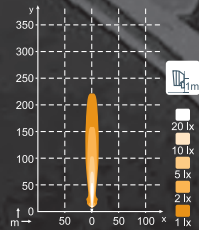
N200 Halogen Wide Flood



N200 Halogen Flood



N200 Halogen High Beam



Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP
		Built-in Deutsch 2-pin
		Fly Leads
		Grommet
		Pigtail Deutsch 2-pin
Mount:		Single Bolt M10
		Single Bolt M8
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.6kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		16 pce / Box

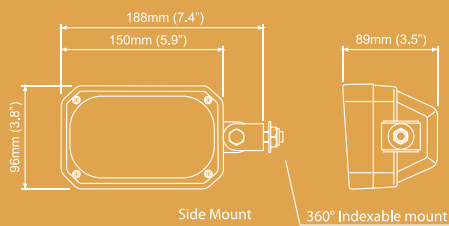


NORDIC N100 HALOGEN SERIES

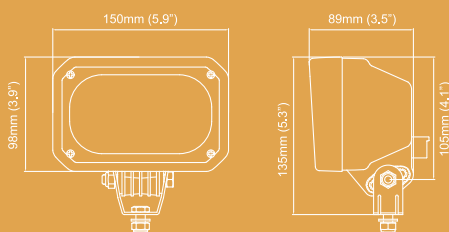
The Nordic N100 Halogen is suitable for locations requiring wide illumination. The lamp is available in Twin Power and Single Power configurations. The N100 Halogen features Extreme Heavy Duty Dampening and Heavy Duty Anti-Vibration Dampening configurations and has vertical, pendant or side mounting options. Runs like clockwork from dusk to dawn.

Drawings

N100 S



N100 XD



Features



Salt Mist



Hardened Glass Combined with Polyamide Housing



Very Good Light Pattern for Work around the Application



Side Mounting Option



Light Weight



Twin Power



Heavy Duty Anti-Vibration Dampening



Suitable and Easy Fit for Many Applications



Twin Power Offering a Very Strong Wide Light Pattern



Rotate Light Unit for Pendant Mount

Connectors



Built-in AMP



Built-in Deutsch 2-pin



Fly Leads



Grommet



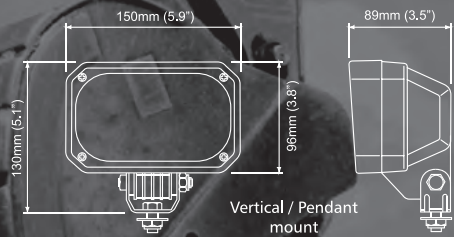
Pigtail Deutsch 2-pin

Lenses



Transparent

N100 D TP, N100 D, N100 TP, N100



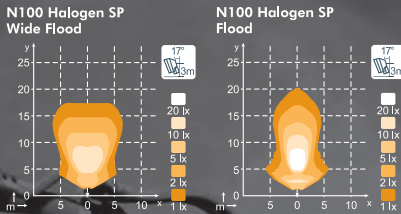
Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.



N100 HALOGEN XD

1400lm, Xtreme Dampening

Light Patterns



Specifications

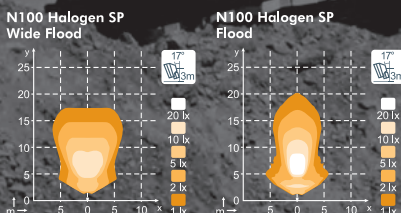
Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Shock:	XD	60G
Vibration:		8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		16 pce / Box



N100 HALOGEN D

1400lm, Dampening

Light Patterns



Specifications

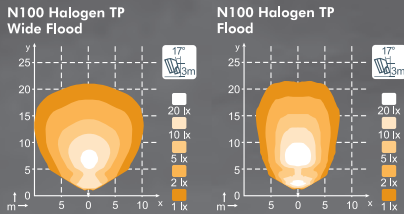
Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Vibration:		8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		12 pce / Box



N100 HALOGEN D TP

2800lm, Twin Power, Dampening

Light Patterns



Specifications

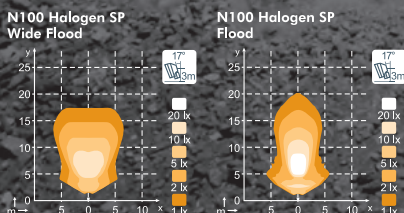
Theoretical Lumens Output:	12V	2900lm
	24V	3500lm
Operational Lumens Output:	12V	2200lm
	24V	2800lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	2 x 55W
	24V	2 x 70W
Nominal Current at:	80V	1.4A
	48V	2.8A
	36V	4.0A
	24V	5.4A
	12V	9.2A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Vibration:		8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		12 pce / Box



N100 HALOGEN

1400lm

Light Patterns



Specifications

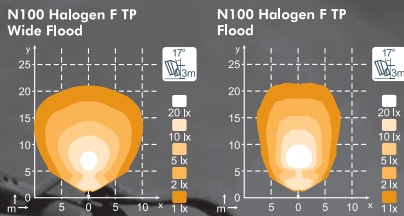
Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		12 pce / Box



N100 HALOGEN TP

2800lm, Twin Power

Light Patterns



Specifications

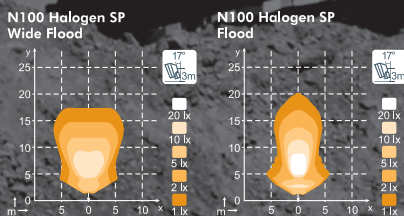
Theoretical Lumens Output:	12V	2900lm
	24V	3500lm
Operational Lumens Output:	12V	2200lm
	24V	2800lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	2 x 55W
	24V	2 x 70W
Nominal Current at:	80V	1.4A
	48V	2.8A
	36V	4.0A
	24V	5.4A
	12V	9.2A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		12 pce / Box



N100 HALOGEN S

1400lm, Side mount

Light Patterns



Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		12 pce / Box

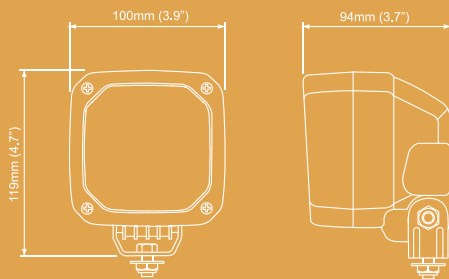


NORDIC N25 HALOGEN SERIES

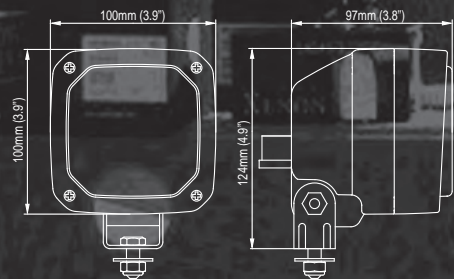
The Nordic N25 Halogen work lamp features a compact and rugged design suitable for use in a multitude of applications. Ideal for forklifts, mining, earth moving, agricultural and construction equipment - wherever a compact, robust lighting source is required. Also available as ECE approved Reverse light.

Drawings

N25 D, N25, N25 D R, N25 R



N25 D I, N25 I



Features

-  Salt Mist
-  Light Weight
-  Indicator
-  Rotate Light Unit for Pendant Mount
-  Compact
-  Hardened Glass
-  Hardened Glass Combined with Polyamide Housing
-  Reverse Light
-  Suitable and Easy Fit for Many Applications
-  Heavy Duty Anti-Vibration Dampening

Connectors

-  Built-in AMP
-  Grommet
-  Built-in Deutsch 2-pin
-  Pigtail Deutsch 2-pin
-  Fly Leads

Lenses

-  Amber
-  Transparent

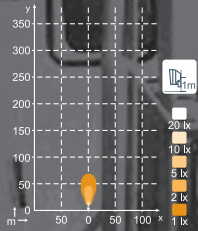


N25 HALOGEN D

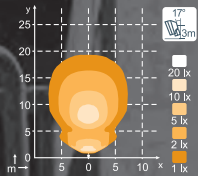
1400lm, Dampening

Light Patterns

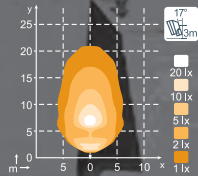
N25 Halogen Low Beam



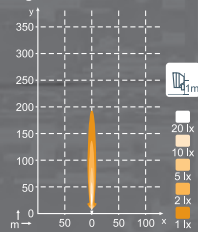
N25 Halogen Wide Flood



N25 Halogen Flood



N25 Halogen High Beam

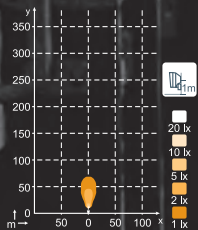


N25 HALOGEN

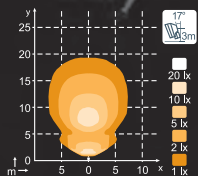
1400lm

Light Patterns

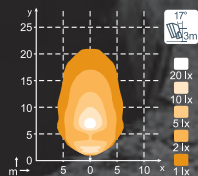
N25 Halogen Low Beam



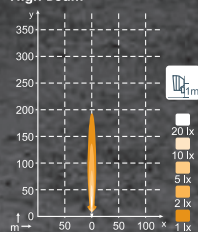
N25 Halogen Wide Flood



N25 Halogen Flood



N25 Halogen High Beam



Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Shock:	D	60G
Vibration:	D	8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.4kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		36 pce / Box

Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.4kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		36 pce / Box

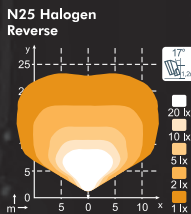
HALOGEN
WORK LIGHTS



N25 HALOGEN D R

450lm, Reverse, Dampening

Light Patterns



Specifications

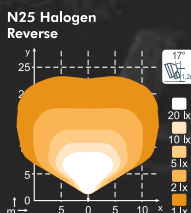
Approvals:		ECE R23
Theoretical Lumens Output:	24V	550 lm
	12V	550lm
Operational Lumens Output:	24V	450 lm
	12V	450lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Shock:	D	60G
Vibration:	D	8.57Grms 18-600Hz
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.4kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C



N25 HALOGEN R

450lm, Reverse

Light Patterns



Specifications

Approvals:		ECE R23
Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		Built-in AMP Built-in Deutsch 2-pin Fly Leads Grommet Pigtail Deutsch 2-pin
Mount:		Single Bolt M10 Single Bolt M8
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.4kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		36 pce / Box



N25 HALOGEN D I

Indicator, Dampening

Specifications

Approvals:		ECE
Nominal / Input Voltage DC:	24V	16-32V
	12V	8-16V
Bulb:	12V	12V P21W (BA15s)
	24V	24V P21W (BA15s)
Nominal Current at:	24V	0.9A
	12V	1.8A
Connector:		Built-in AMP
		Built-in Deutsch 2-pin
		Pigtail Deutsch 2-pin
Mount:		Single Bolt M10
		Single Bolt M8
Shock:	D	TBD
Vibration:	D	TBD
Lens:		PC
Body:		Polyamide
Weight:		0.4kg
IP Rating:		IP68
		IP6K9K
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		12 pce / Box



N25 HALOGEN I

Indicator

Specifications

Approvals:		ECE
Nominal / Input Voltage DC:	24V	16-32V
	12V	8-16V
Bulb:	12V	12V P21W (BA15s)
	24V	24V P21W (BA15s)
Nominal Current at:	24V	0.9A
	12V	1.8A
Connector:		Built-in AMP
		Built-in Deutsch 2-pin
		Pigtail Deutsch 2-pin
Mount:		Single Bolt M10
		Single Bolt M8
Vibration:		5G 9-500Hz
Lens:		PC
Body:		Polyamide
Weight:		0.4kg
IP Rating:		IP68
		IP6K9K
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		12 pce / Box



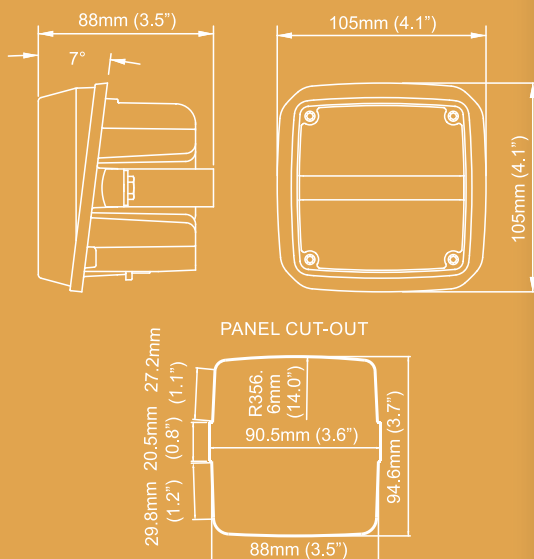
NORDIC KL13XX LED FLUSHMOUNT SERIES

The Nordic KL13XX LED F work light is a compact Flushmount LED work lamp with the cooling lamellas placed inside the application body.

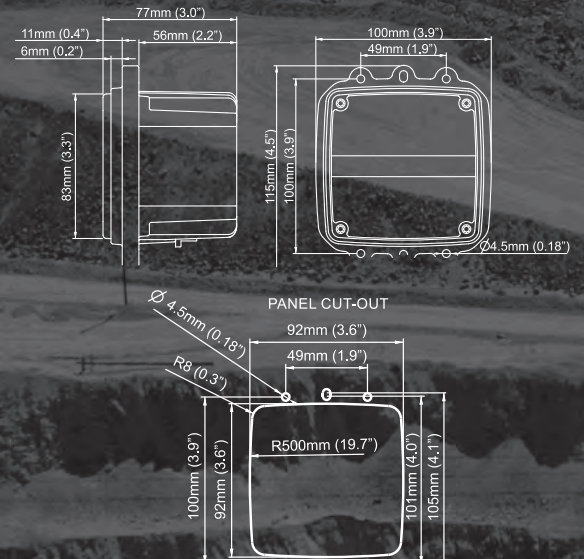
The KL13XX LED F matches the basic introduction level needs for heavy duty lighting and is a suitable light when replacing halogen Flushmount work lights.

Drawings

KL1301, KL1302



KL1303, KL1304



Features

- Long Lifetime
- Low Maintenance
- Waterproof
- Heavy Duty Construction
- Reverse Voltage Protected
- EMC
- Load Dump Protected
- Over Voltage Protected
- Overheat Protected
- Salt Mist
- Optically Even Light Distribution
- Multi Voltage
- Compact
- Dimmable
- Suitable and Easy Fit for Many Applications
- Integrated Into Application

Connectors

- Fly Leads
- Pigtail AMP
- Pigtail Deutsch 2-pin
- Pigtail PGJ19-5

Lenses

- Transparent

Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

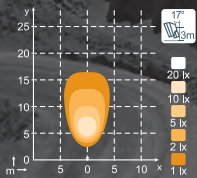


KL1301 LED F7°

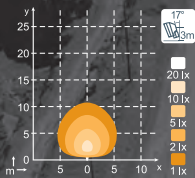
1000lm, Dimmable, Flushmount F7°

Light Patterns

KL1301, KL1303 1000lm Flood



KL1301, KL1303 800lm Diffused

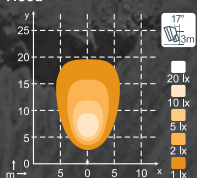


KL1302 LED F7°

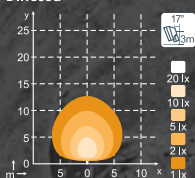
1500lm, Dimmable, Flushmount F7°

Light Patterns

KL1302, KL1304 1500lm Flood



KL1302, KL1304 1200lm Diffused



Specifications

Theoretical Lumens Output:	1600lm
Operational Lumens Output:	1000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	24W
Nominal Current at:	24V 1.0A 12V 2.0A
Electronics:	Integrated / Isolated
Connector:	Fly Leads Pigtail AMP Pigtail Deutsch 2-pin Pigtail PGJ19-5
Mount:	Integrated
Shock:	60G
Vibration:	8Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	0.45kg
IP Rating:	IP68 IP6K9K
Salt Mist:	SAE J1455 ISO 9227 240H
EMC:	CISPR 25 Class 5 EN12895 ISO 13766 ISO 14982 ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

Specifications

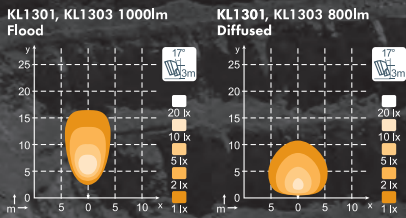
Theoretical Lumens Output:	2400lm
Operational Lumens Output:	1500lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	24W
Nominal Current at:	24V 1.0A 12V 2.0A
Electronics:	Integrated / Isolated
Connector:	Fly Leads Pigtail AMP Pigtail Deutsch 2-pin Pigtail PGJ19-5
Mount:	Integrated
Shock:	60G
Vibration:	8Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	0.45kg
IP Rating:	IP68 IP6K9K
Salt Mist:	SAE J1455 ISO 9227 240H
EMC:	CISPR 25 Class 5 EN12895 ISO 13766 ISO 14982 ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box



KL1303 LED F0°

1000lm, Dimmable, Flushmount F0°

Light Patterns



Specifications

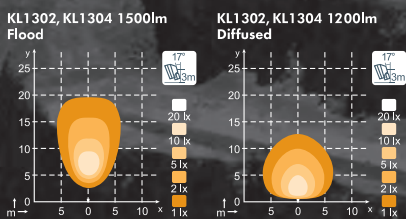
Theoretical Lumens Output:	1600lm
Operational Lumens Output:	1000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	24W
Nominal Current at:	24V 1.0A 12V 2.0A
Electronics:	Integrated / Isolated
Connector:	Fly Leads Pigtail AMP Pigtail Deutsch 2-pin Pigtail PGJ19-5
Mount:	Integrated
Shock:	60G
Vibration:	8Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	0.45kg
IP Rating:	IP68 IP6K9K SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 5 EN12895 ISO 13766 ISO 14982 ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box



KL1304 LED F0°

1500lm, Dimmable, Flushmount F0°

Light Patterns



Specifications

Theoretical Lumens Output:	2400lm
Operational Lumens Output:	1500lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	24W
Nominal Current at:	24V 1.0A 12V 2.0A
Electronics:	Integrated / Isolated
Connector:	Fly Leads Pigtail AMP Pigtail Deutsch 2-pin Pigtail PGJ19-5
Mount:	Integrated
Shock:	60G
Vibration:	8Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	0.45kg
IP Rating:	IP68 IP6K9K SAE J1455
Salt Mist:	ISO 9227 240H
EMC:	CISPR 25 Class 5 EN12895 ISO 13766 ISO 14982 ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box





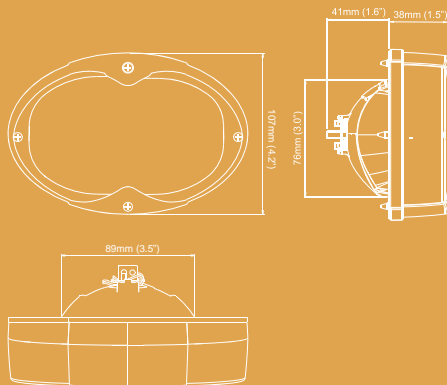
NORDIC N300 HALOGEN

The Nordic N300 Halogen Flushmount is a solid, compact and sleek integrated work lamp.

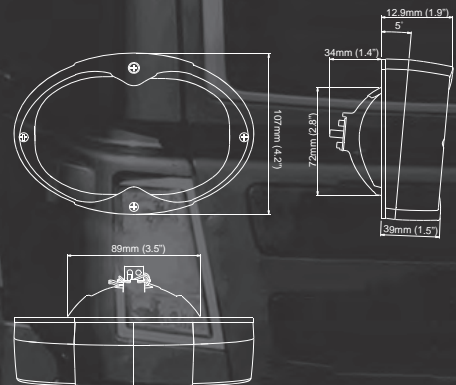
The N300 Halogen Flushmount is available in four versions: F0° or F5° angles with twin or single power.

Drawings

N300 F0° TP, N300 F0°



N300 F5° TP, N300 F5°



Features



Salt Mist



Hardened Glass



Twin Power



Non-dazzling



Light Weight



Interchangeable Light Unit



Twin Power Offering a Very Strong Wide Light Pattern



Integrated Into Application



Heavy Duty Glass Fibre Reinforced Housing



Suitable and Easy Fit for Many Applications



Very Good Light Pattern for Work around the Application

Connectors



AMP Terminal

Lenses



Transparent

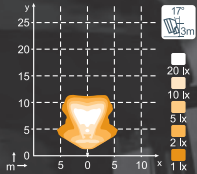


N300 HALOGEN F0°

1400lm, Flushmount F0°

Light Patterns

N300 Halogen F SP
Wide Flood



Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		AMP Terminal
Mount:		Integrated
Lens:		Hardened Glass
Body:		Glass Fibre Reinforced Polyamide
Weight:		0.7kg
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		24 pce / Box



N300 HALOGEN F0° TP

2800lm, Twin Power, Flushmount F0°

Light Patterns

N300 Halogen F TP
Wide Flood



Specifications

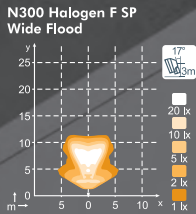
Theoretical Lumens Output:	12V	2900lm
	24V	3500lm
Operational Lumens Output:	12V	2200lm
	24V	2800lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	2 x 55W
	24V	2 x 70W
Nominal Current at:	80V	1.4A
	48V	2.8A
	36V	4.0A
	24V	5.4A
	12V	9.2A
Connector:		AMP Terminal
Mount:		Integrated
Lens:		Hardened Glass
Body:		Glass Fibre Reinforced Polyamide
Weight:		0.7kg
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		24 pce / Box



N300 HALOGEN F5°

1400lm, Flushmount F5°

Light Patterns



Specifications

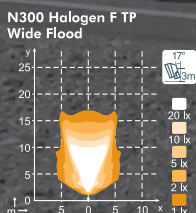
Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		AMP Terminal
Mount:		Integrated
Lens:		Hardened Glass
Body:		Glass Fibre Reinforced Polyamide
Weight:		0.7kg
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		24 pce / Box



N300 HALOGEN F5° TP

2800lm, Twin Power, Flushmount F5°

Light Patterns



Specifications

Theoretical Lumens Output:	12V	2900lm
	24V	3500lm
Operational Lumens Output:	12V	2200lm
	24V	2800lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	2 x 55W
	24V	2 x 70W
Nominal Current at:	80V	1.4A
	48V	2.8A
	36V	4.0A
	24V	5.4A
	12V	9.2A
Connector:		AMP Terminal
Mount:		Integrated
Lens:		Hardened Glass
Body:		Glass Fibre Reinforced Polyamide
Weight:		0.7kg
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		24 pce / Box



FLUSHMOUNT
WORK LIGHTS



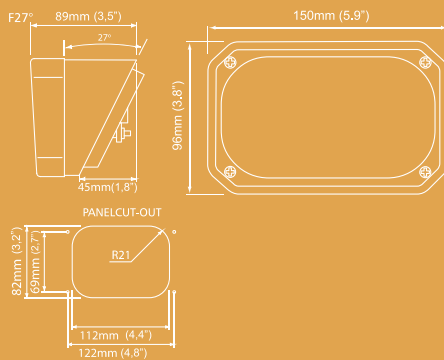
NORDIC N100 HALOGEN

The Nordic N100 Halogen Flushmount is suitable for locations requiring wide illumination.

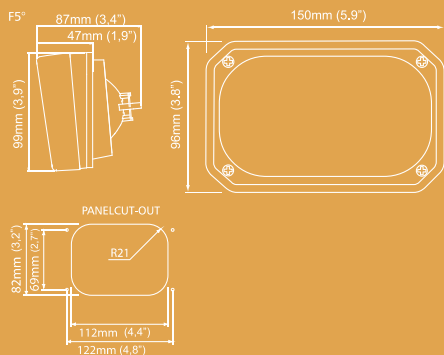
The N100 Halogen Flushmount is available in eight versions: F0°, F5°, FB5° (with a polyamide rear piece) and F27° angles with twin or single power configuration.

Drawings

N100 F27° TP, N100 F27°



N100 F5° TP, N100 F5°



Features



Salt Mist



Light Weight



Hardened Glass



Interchangeable Light Unit



Suitable and Easy Fit for Many Applications



Twin Power



Twin Power Offering a Very Strong Wide Light Pattern



Very Good Light Pattern for Work around the Application



Integrated Into Application

Connectors



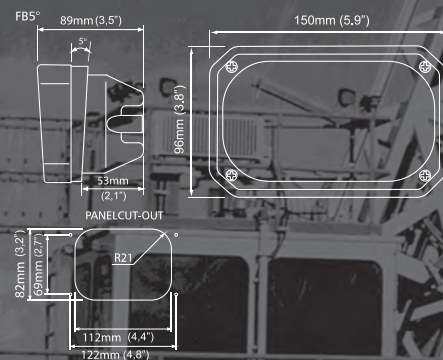
AMP Terminal

Lenses

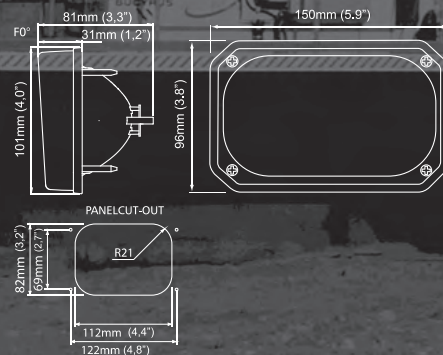


Transparent

N100 FB5° TP, N100 FB5°



N100 F0° TP, N100 F0°



Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour

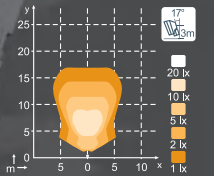


N100 HALOGEN F0°

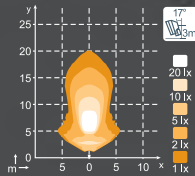
1400lm, Flushmount F0°

Light Patterns

N100 Halogen F SP
Wide Flood



N100 Halogen F SP
Flood



Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		AMP Terminal
Mount:		Integrated
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.5kg
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		12 pce / Box

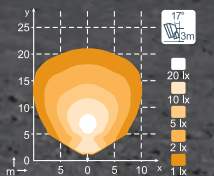


N100 HALOGEN F0° TP

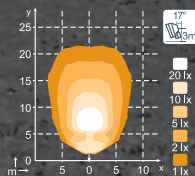
2800lm, Twin Power, Flushmount F0°

Light Patterns

N100 Halogen F TP
Wide Flood



N100 Halogen F TP
Flood



Specifications

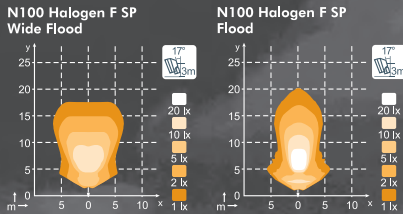
Theoretical Lumens Output:	12V	2900lm
	24V	3500lm
Operational Lumens Output:	12V	2200lm
	24V	2800lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	2 x 55W
	24V	2 x 70W
Nominal Current at:	80V	1.4A
	48V	2.8A
	36V	4.0A
	24V	5.4A
	12V	9.2A
Connector:		AMP Terminal
Mount:		Integrated
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.5kg
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		12 pce / Box



N100 HALOGEN F5°

1400lm, Flushmount F5°

Light Patterns



Specifications

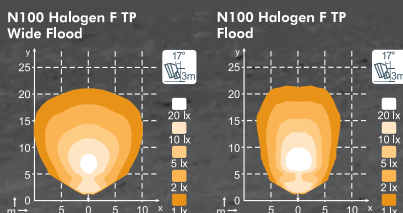
Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		AMP Terminal
Mount:		Integrated
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.5kg
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		12 pce / Box



N100 HALOGEN F5° TP

2800lm, Twin Power, Flushmount F5°

Light Patterns



Specifications

Theoretical Lumens Output:	12V	2900lm
	24V	3500lm
Operational Lumens Output:	12V	2200lm
	24V	2800lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	2 x 55W
	24V	2 x 70W
Nominal Current at:	80V	1.4A
	48V	2.8A
	36V	4.0A
	24V	5.4A
	12V	9.2A
Connector:		AMP Terminal
Mount:		Integrated
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.5kg
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		12 pce / Box

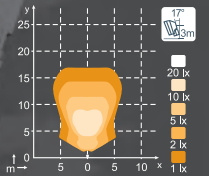


N100 HALOGEN FB5°

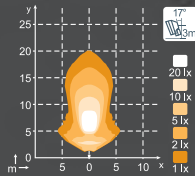
1400lm, Housing, Flushmount FB5°

Light Patterns

N100 Halogen F SP
Wide Flood



N100 Halogen F SP
Flood



Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
Nominal Current at:	24V	70W
	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		AMP Terminal
Mount:		Integrated
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.5kg
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		12 pce / Box

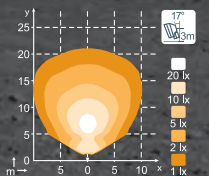


N100 HALOGEN FB5° TP

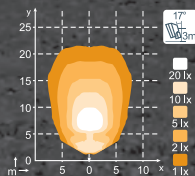
2800lm, Twin Power, Housing, Flushmount FB5°

Light Patterns

N100 Halogen F TP
Wide Flood



N100 Halogen F TP
Flood



Specifications

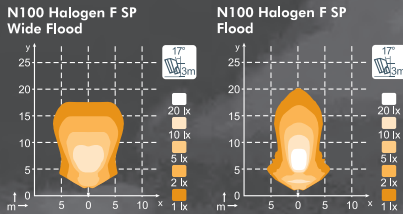
Theoretical Lumens Output:	12V	2900lm
	24V	3500lm
Operational Lumens Output:	12V	2200lm
	24V	2800lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	2 x 55W
	24V	2 x 70W
Nominal Current at:	80V	1.4A
	48V	2.8A
	36V	4.0A
	24V	5.4A
	12V	9.2A
Connector:		AMP Terminal
Mount:		Integrated
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.5kg
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		12 pce / Box



N100 HALOGEN F27°

1400lm, Flushmount F27°

Light Patterns



Specifications

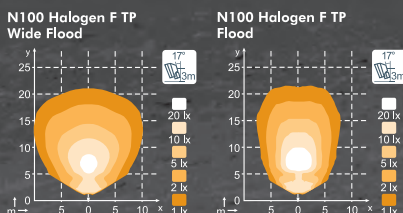
Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		AMP Terminal
Mount:		Integrated
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.5kg
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		12 pce / Box



N100 HALOGEN F27° TP

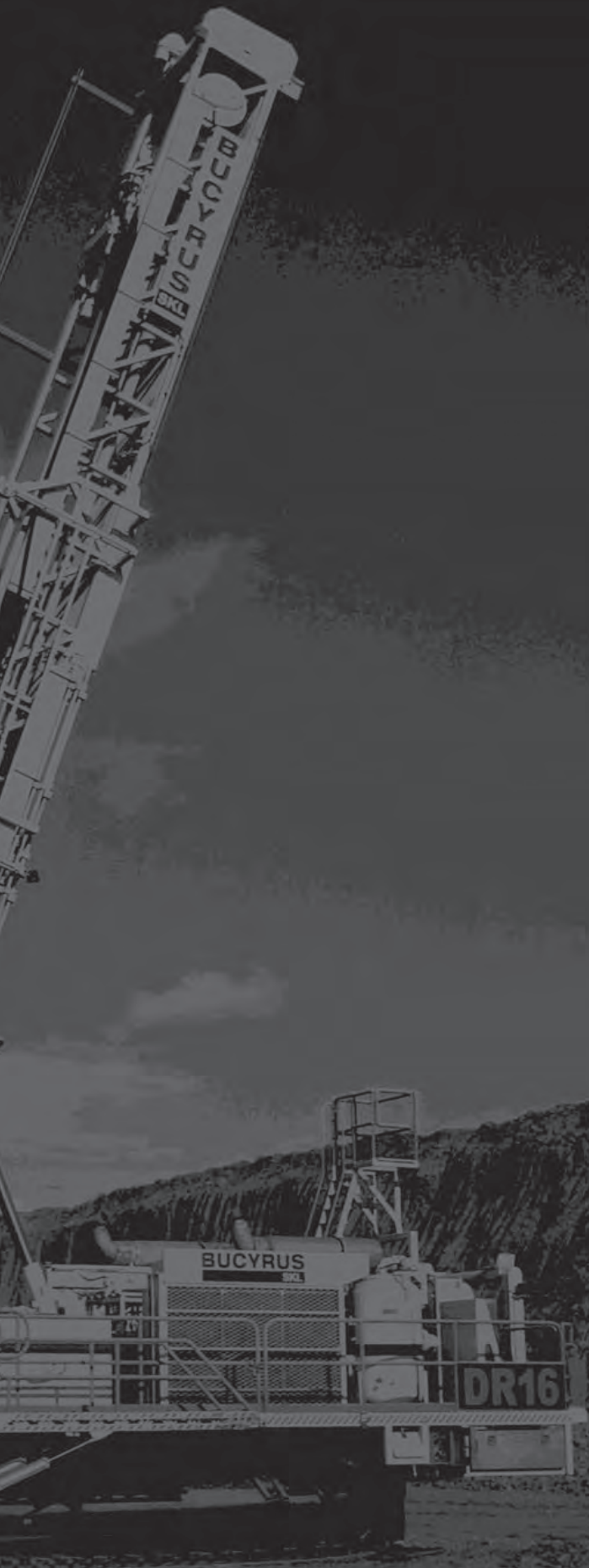
2800lm, Twin Power, Flushmount F27°

Light Patterns



Specifications

Theoretical Lumens Output:	12V	2900lm
	24V	3500lm
Operational Lumens Output:	12V	2200lm
	24V	2800lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	2 x 55W
	24V	2 x 70W
Nominal Current at:	80V	1.4A
	48V	2.8A
	36V	4.0A
	24V	5.4A
	12V	9.2A
Connector:		AMP Terminal
Mount:		Integrated
Lens:		Hardened Glass
Body:		Polyamide
Weight:		0.5kg
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C ... +85°C
Packing:		12 pce / Box



**FLUSHMOUNT
WORK LIGHTS**



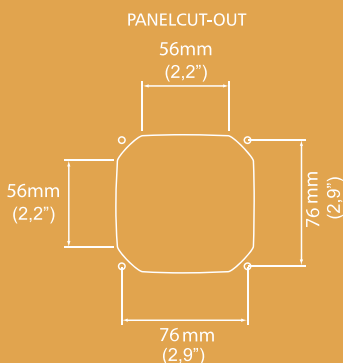
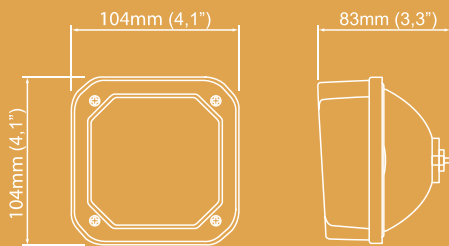
NORDIC N25 HALOGEN

The Nordic N25 Halogen Flushmount is a compact rugged, design suitable for use in numerous applications.

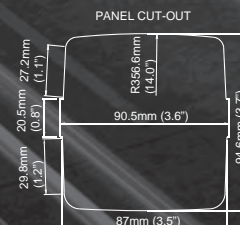
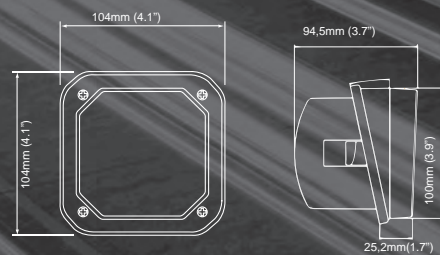
The N25 Halogen Flushmount is available in two versions: F0° or FB12° Snap-In (FB12° Snap-In featuring a "click-in" easy mount and polyamide rear housing for quick, cost saving mounting).

Drawings

N25 F0°



N25 FB12° SNAP-IN



Features



Salt Mist



Compact



Light Weight



Hardened Glass



Interchangeable Light Unit



Suitable and Easy Fit for Many Applications



Very Good Light Pattern for Work around the Application



Integrated Into Application

Connectors



AMP Terminal



Pigtail Deutsch 2-pin

Lenses



Transparent



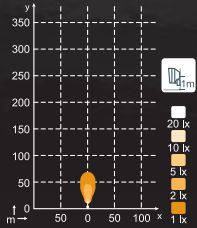


N25 HALOGEN F0°

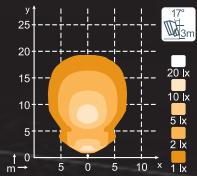
1400lm, Flushmount F0°

Light Patterns

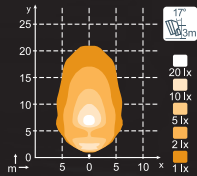
N25 Halogen F
Low Beam



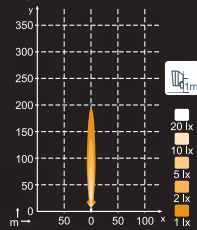
N25 Halogen F
Wide Flood



N25 Halogen F
Flood



N25 Halogen F
High Beam



Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		AMP Terminal
Mount:		Pigtail Deutsch 2-pin
Lens:		Integrated
Body:		Hardened Glass
Weight:		Glass Fibre Reinforced Polyamide
Salt Mist:		0.7kg
Operating Temperatures:		ISO 9227 240H
Packing:		-40°C ... +85°C
		45 pce / Box

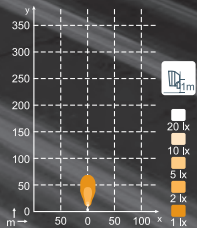


N25 HALOGEN FB12° SNAP-IN

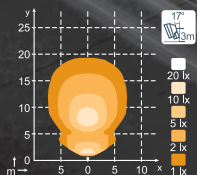
1400lm, Housing, Snap-In, Flushmount FB12°

Light Patterns

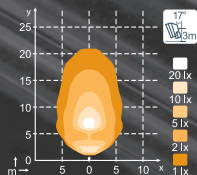
N25 Halogen F
Low Beam



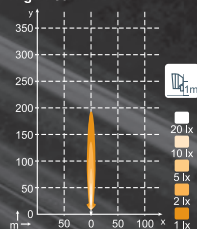
N25 Halogen F
Wide Flood



N25 Halogen F
Flood



N25 Halogen F
High Beam


















Specifications

Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Connector:		AMP Terminal
Mount:		Pigtail Deutsch 2-pin
Lens:		Integrated
Body:		Hardened Glass
Weight:		Glass Fibre Reinforced Polyamide
Salt Mist:		0.7kg
Operating Temperatures:		ISO 9227 240H
Packing:		-40°C ... +85°C
		36 pce / Box























SPARE PARTS

NORDIC LIGHTS® offers a range of spare parts for their lights. Even with the best HID (Xenon) or Halogen light the bulb finally wears down and needs to be replaced. Here you will find bulbs, harnesses and light units. NORDIC LIGHTS® only uses quality bulbs from one of the biggest producers in the world.























Products

	Part Nr Harness	Model	Pcs/Box
	906-248	Harness Deutsch/Stripped 1m	6
LED Brackets			
	906-265B	CENTAURUS LED N460 Bracket Assembly	1
	906-273B	SCORPIUS LED N44XX Damp Bracket Assembly	1
	906-274B	SCORPIUS LED N44XX Undamp Bracket Assembly	1
	906-372B	SCORPIUS LED N44XX Raked Undamp Bracket Assembly	1
Brackets			
	906-278	Bracket Omega 10mm Black	12
	906-282	Bracket Omega 8mm Black	12
	906-288	Bracket Assembly 30/8D + M8x25	12
Connector Parts			
	906-246	AMP 2-Pin Receptacles Housing 180923	10
	906-247	Gasket AMP Protection	10
	906-194	Deutsch Connector Assembly DT06-25 NORDIC	10
HID Bulbs			
	906-934	Bulb HID 35W D1S	10
	906-935	Bulb HID 35W D2S	10
Halogen Bulbs			
	906-250B	Bulb H3 80V 55W PK22s	48
	906-249B	Bulb H3 48V 50W PK22s LL	48
	906-255B	Bulb H3 24V 65W PK22s	48



















Products

	Part Nr Halogen Bulbs	Model	Pcs/Box
	906-256B	Bulb H3 24V 70W PK22s	48
	906-254B	Bulb H3 12V 55W PK22s	48
	906-287B	Bulb H3 12V 55W PK22s LL	48
LED Lenses			
	906-260B	CENTAURUS LED N460 Lens Assembly Wide Flood	1
	906-261B	CENTAURUS LED N460 Lens Assembly Flood	1
	906-161B	CENTAURUS LED N460 Lens Assembly Low Beam	1
	906-263B	CENTAURUS LED N460 Lens Assembly High Beam	1
	906-268B	SCORPIUS LED N44XX Lens Assembly Wide Flood	1
	906-269B	SCORPIUS LED N44XX Lens Assembly Flood	1
	906-270B	SCORPIUS LED N44XX Lens Assembly Low Beam	1
	906-271B	SCORPIUS LED N44XX Lens Assembly High Beam	1
	906-305B	SPICA LED N24XX Lens Assembly Wide Flood	1
	906-306B	SPICA LED N24XX Lens Assembly Flood	1
	906-307B	SPICA LED N24XX Lens Assembly High Beam	1
	906-364B	VIRGO LED N31XX Lens Assembly Wide Flood	1
	906-365B	VIRGO LED N31XX Lens Assembly Flood	1
	906-366B	VIRGO LED N31XX Lens Assembly High Beam	1
	906-367B	VIRGO LED N31XX Lens Assembly Low Beam	1
	906-368B	ANTARES LED N33XX Lens Assembly Wide Flood	1
	906-369B	ANTARES LED N33XX Lens Assembly Flood	1
	906-370B	ANTARES LED N33XX Lens Assembly High Beam	1
	906-371B	ANTARES LED N33XX Lens Assembly Low Beam	1

Products

	Part Nr LED Lenses	Model	Pcs/Box
	906-982	CANIS LED N2001 Lens Assembly Wide Flood	1
	906-985	CANIS LED N2001 Lens Assembly Flood	1
	906-986	CANIS LED N2001 Lens Assembly Super Wide	1
	906-987	CANIS LED N2001 Lens Assembly High Beam	1
	906-308B	CAPELLA LED N10 Lens Assembly Wide Flood	1
	906-309B	CAPELLA LED N10 Lens Assembly Flood	1
HID (Xenon) Light Units			
	906-909B	N200HID/N400HID Light Unit Amber	12
	906-950B	N200HID/N400HID Light Unit Low Beam Yellow NORDIC	12
	906-902B	N200HID/N400HID Light Unit High Beam	12
	906-901B	N200HID/N400HID Light Unit Low Beam	12
	906-928B	N400HID Light Unit Flood NORDIC	12
	906-927B	N400HID Light Unit Wide Flood NORDIC	12
	906-925B	N200HID Light Unit Wide Flood NORDIC	12
	906-926B	N200HID Light Unit Flood NORDIC	12
	906-922B	N45HID Light Unit Wide Flood NORDIC	12
	906-921B	N45HID Light Unit Flood NORDIC	12
	906-949B	N45HID Light Unit High Beam NORDIC	12
	906-971B	N45HID Light Unit Low Beam NORDIC	12
	906-968B	N45HID Bezel Assembly	12
Halogen Light Units			
	906-180B	N300SP Light Unit	12
	906-174B	N300TP Light Unit	24
	906-289B	N300 Light Unit Reverse ECE NORDIC	12

Products

	Part Nr	Model	Pcs/Box
	906-021B	N200 Light Unit High Beam	12
	906-079	N200 Light Unit Low Beam	12
	906-229B	N200 Light Unit Wide Flood NORDIC	12
	906-230B	N200 Light Unit Flood NORDIC	12
	906-257B	N200 Light Unit Low Beam Yellow NORDIC	12
	906-043	N200 Light Unit Flood Amber	12
	906-056	N200 Light Unit Flood Red	12
	906-231B	N100 Light Unit Wide Flood NORDIC	12
	906-232B	N100 Light Unit Flood NORDIC	12
	906-251B	N100TP Light Unit Wide Flood NORDIC	12
	906-252B	N100TP Light Unit Flood NORDIC	12
	906-233B	N25 Light Unit Wide Flood NORDIC	24
	906-234B	N25 Light Unit Flood NORDIC	12
	906-212B	N25 Light Unit Reverse ECE NORDIC	12
	906-210B	N25 Light Unit High Beam NORDIC	12
HID (Xenon) Ballast			
	906-956	HID Ballast D1 12V 35W Gen5	12
	906-957	HID Ballast D1 24V 35W Gen5	12
Magnet Bracket			
	906-988	Bracket Magnet Assembly	6

LIGHTS FOR HEAVY DUTY



NORDICLIGHTS

Head Office Herrmans Oy Ab

P.O. Box 36
FI-68601 Jakobstad/Pietarsaari
Finland
Tel. +358 (0)20 134 5100
Fax +358 (0)20 134 5108
nordiclights@nordiclights.com
www.nordiclights.com



facebook.com/NordicLightsTM



linkedin.com/company/nordiclights

USA Aftermarket Office Nordic Lights NA, Inc

4451 Robards Ln
Louisville, Kentucky 40218
USA
Tel. +1 866-779-2629 toll free

German Office Herrmans Nordic Lights GmbH

Westfalendamm 241
44141 Dortmund
Germany
Tel. +49 (0) 231 948 692 610
Mobil +49 (0) 171 838 1778
Fax +49 (0) 231 948 692 626

中國辦事處

China Office

苏州拉普照明有限公司
Nordic Lights (SuZhou) Co.,Ltd
苏州工业园区葑亭 大道598号2号厂房
No.598 2# Fengting Avenue SIP Jiangsu
China
电话: 0512-62535860 0512-62535861
Tel. : 0512-62535860 0512-62535861
传真: 0512-62535862
Fax : 0512-62535862

Brazilian Office Nordic Lights Brazil

Rua Aiuruoca N:º 95, Apt 102B
Belo Horizonte- Minas Gerais
CEP 31.910-130
Brazil
Area Sales Manager
Carlos Alberto Nascimento
Tel: +55 31 3582 2637
Telemóvel: +55 31 9885 2564

ENGLISH