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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.

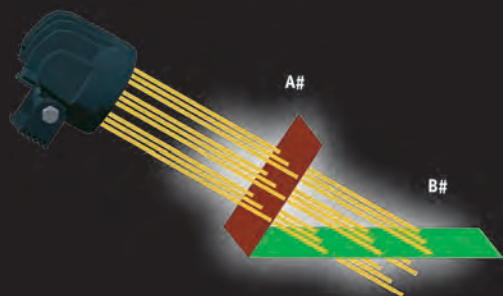
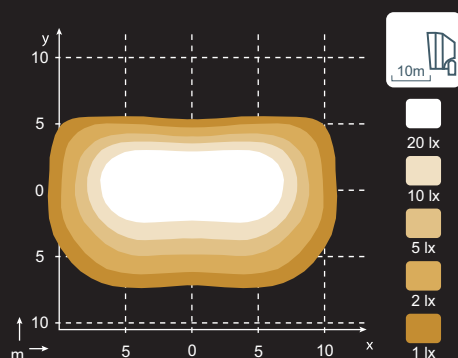


HID
1991 A.D.



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

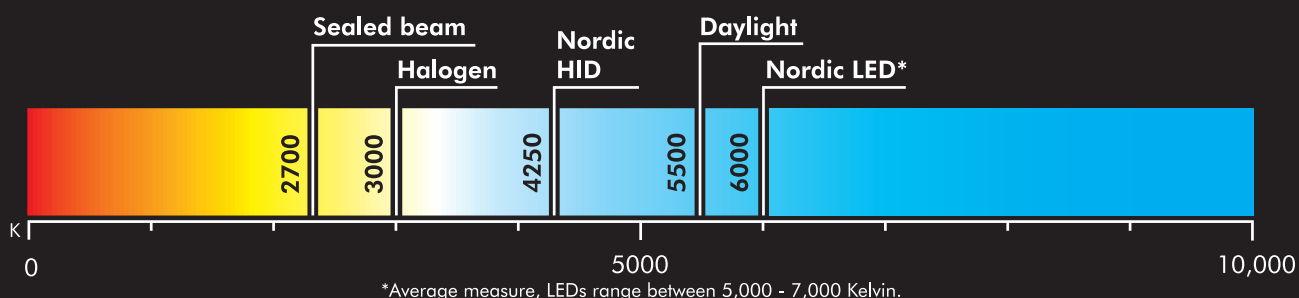
As well as the changes in temperature in the water tests mentioned above the lights are also exposed to complete repetitive thermal cycles. The light turns in a sealed environment where the temperature is raised from deep below zero to very hot before being lowered again to well below zero and so on. 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

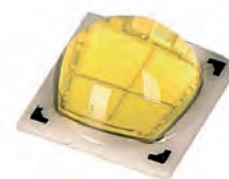
Colour temperature in Kelvin



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.



UP TO 50,000 HOURS!

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.



1/4 POWER CONSUMPTION!

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



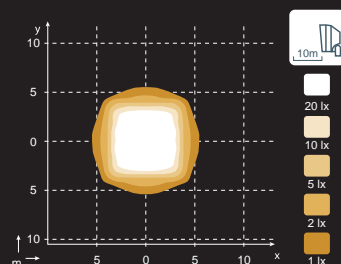
Different Light Patterns

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.

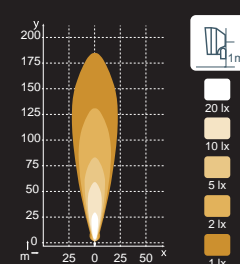
High Beam

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



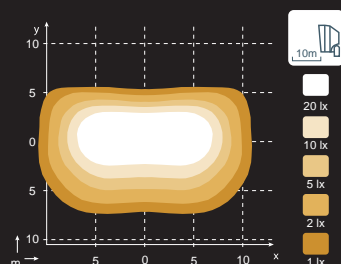
High Beam projected on surface #A



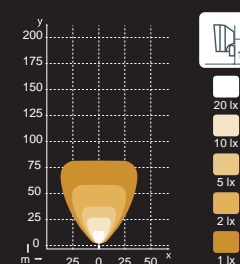
Low Beam

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



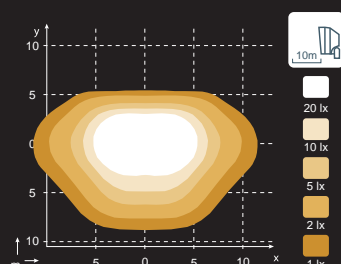
Low Beam projected on surface #A



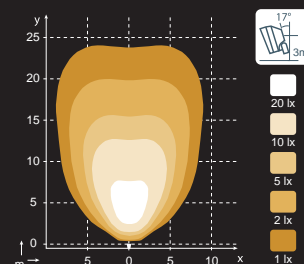
Wide Flood

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



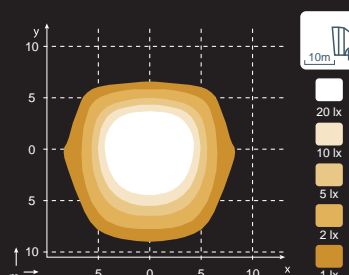
Wide Flood projected on surface #B



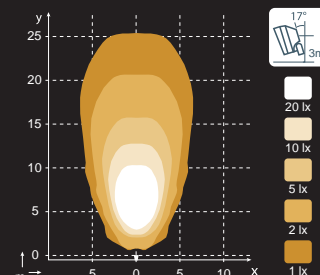
Flood

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

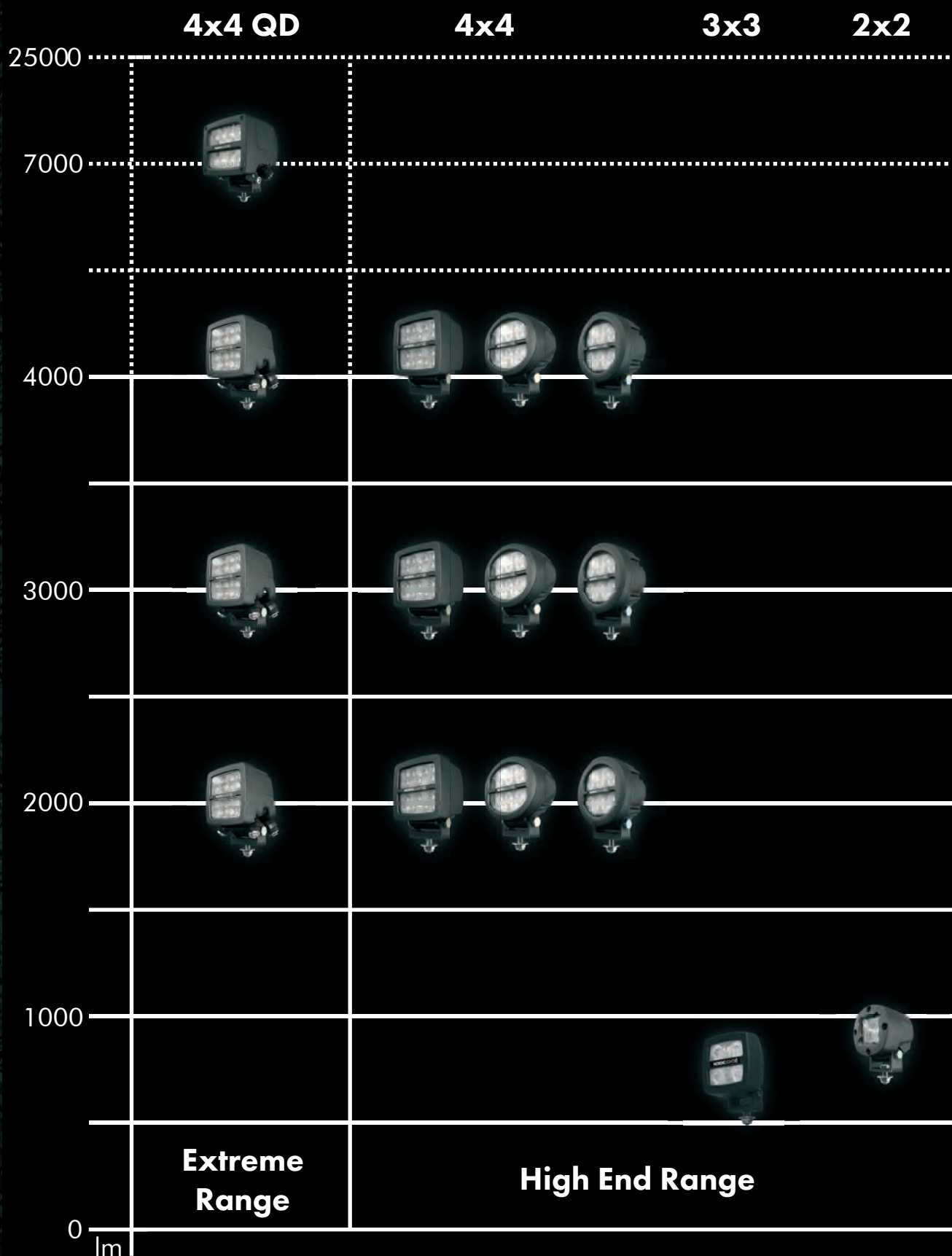
Flood projected on wall at 10m



Flood projected on surface #B



LED Work Light Range




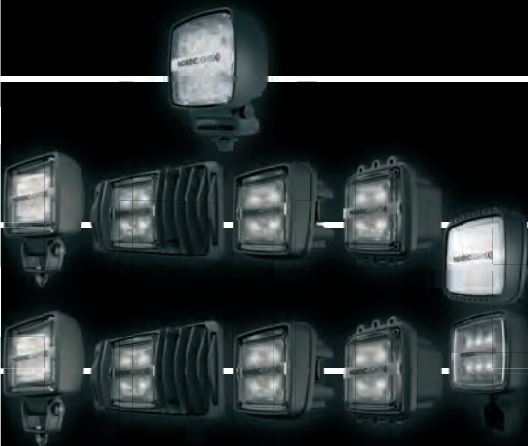


The chart is to provide a general impression of the NORDIC LIGHTS® LED work light range and by no means comprehensive or limiting. For more specific guidance please consult your local NORDIC LIGHTS® representative.

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

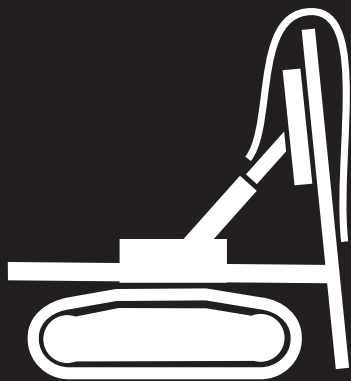
Illumination requirements for different heavy duty applications and industry segments can, and do, vary dramatically.

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. 54-55	p. 50-51
				
Gemini LED	Centaurus LED	Scorpius 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. 60-69


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	p. 50-51
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. 60-69
				
	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. 60-69
				
		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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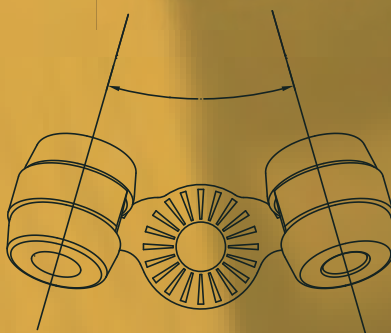
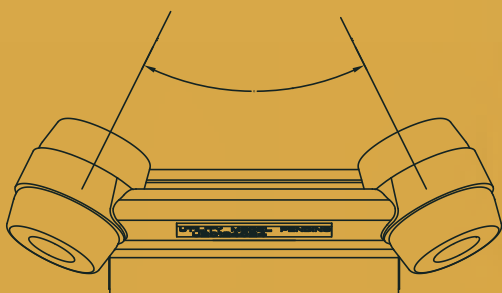
QUAKE DAMPENING

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.

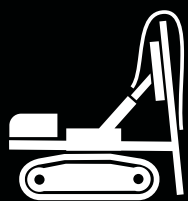
For many years NORDIC LIGHTS® has been developing and patenting different dampening solutions for Heavy Duty work lights. Why dampen a work lamp? With the right kind of dampening you will greatly increase a work lamp's resistance to shock and vibration. Not only will the lamp take much longer to brake, 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



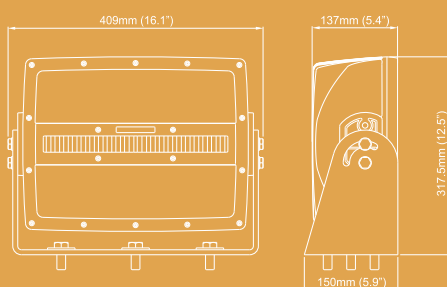
NORDIC GEMINI LED SERIES

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

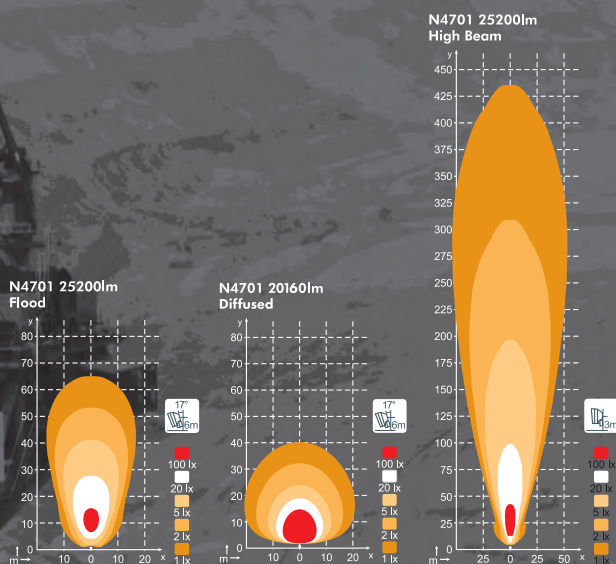
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GEMINI LED N4701

25200lm

Light Patterns



Specifications

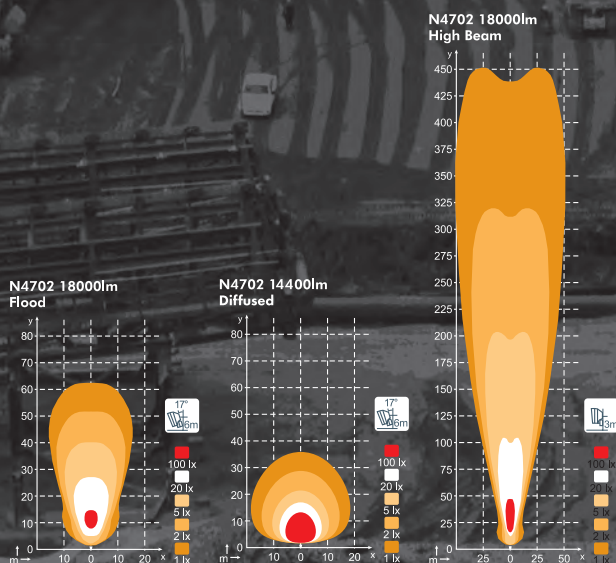
Theoretical Lumens Output:	40300lm
Operational Lumens Output:	25200lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	24V 18-32V
Power Consumption:	300W
Nominal Current at:	24V 12.5A
Electronics:	Integrated
Connector:	2 x Built-in Deutsch 2-pin
Mount:	5 pcs Bolt M14x50
Shock:	TBD
Vibration:	TBD
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 N4702

18000lm

Light Patterns



Specifications

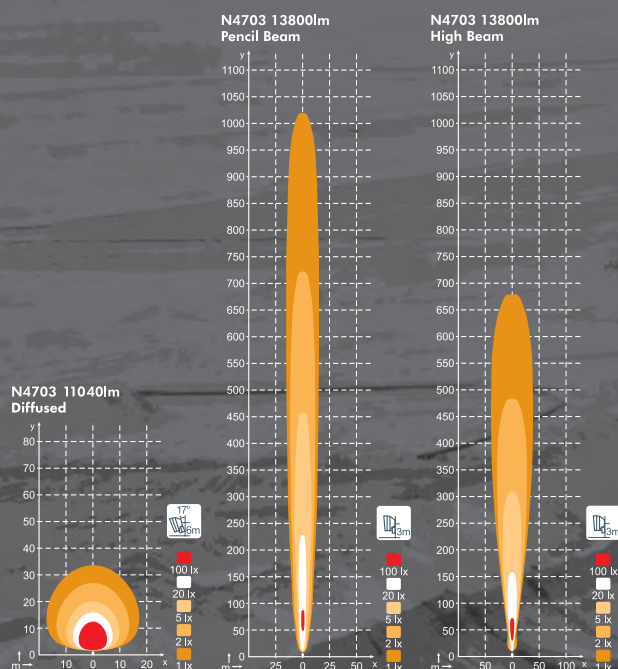
Theoretical Lumens Output:	28800lm
Operational Lumens Output:	18000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	24V 18-32V
Power Consumption:	270W
Nominal Current at:	24V 11.3A
Electronics:	Integrated
Connector:	2 x Built-in Deutsch 2-pin
Mount:	5 pcs Bolt M14x50
Shock:	TBD
Vibration:	TBD
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

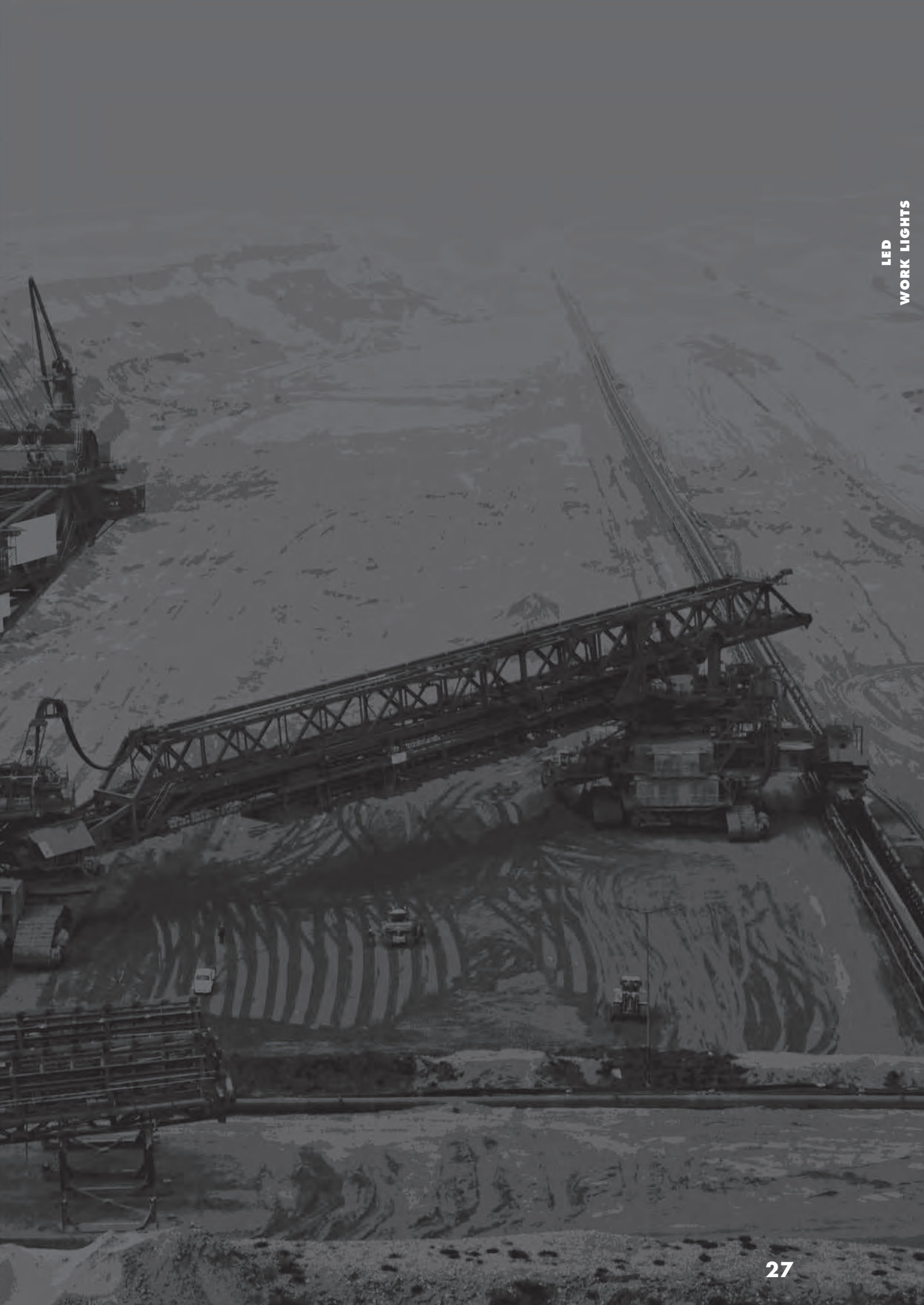
13800lm

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 M14x50
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





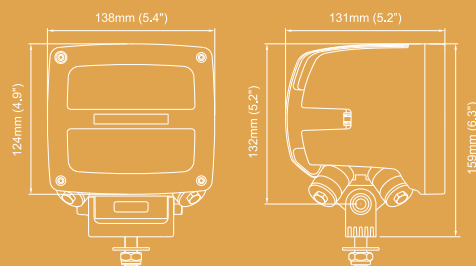
NORDIC CENTAURUS LED SERIES

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

The 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



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

Optional Lens Colours



Amber

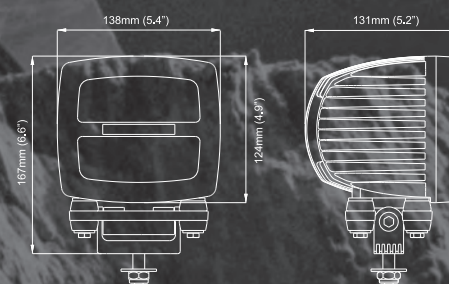


Yellow



Red

N460 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.

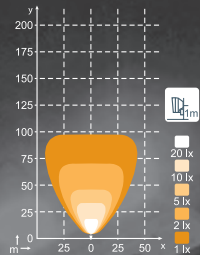


CENTAURUS LED N4601 QD

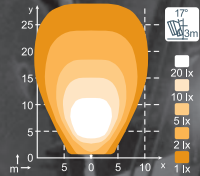
7200lm, Quake Dampening

Light Patterns

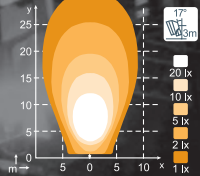
N4601 QD 7200lm
Low Beam



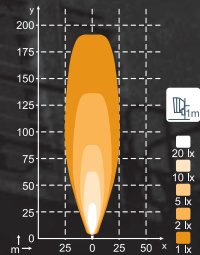
N4601 QD 7200lm
Wide Flood



N4601 QD 7200lm
Flood



N4601 QD 7200lm
High Beam

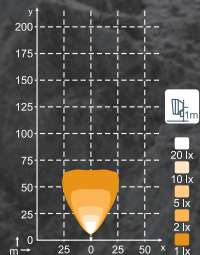


CENTAURUS LED N460 XD

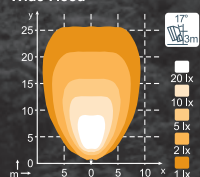
2700lm, Xtreme Dampening

Light Patterns

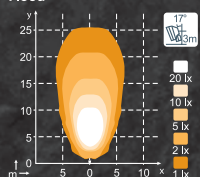
N460 XD 2700lm
Low Beam



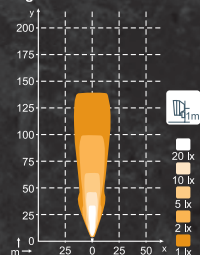
N460 XD 2700lm
Wide Flood



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



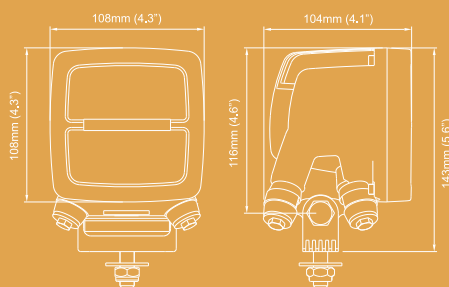
NORDIC SCORPIUS LED SERIES

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

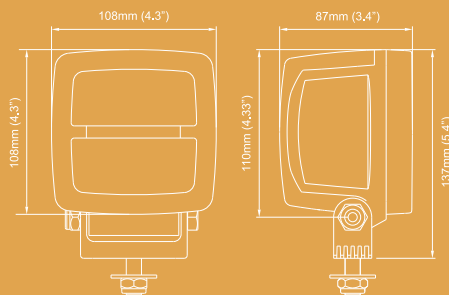
The QUAKE dampening system takes protection against vibration and shock to a whole new level never seen before. Available with several different lumens levels and features such as dimmable. Suitable for harsh conditions and a range of applications.

Drawings

N4401 QD, N4403 QD, N4405 QD,



N4402, N4404, N4406, N4408,



Features

	Long Lifetime		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
	Quake Dampening		Dimmable		

Connectors



Built-in Deutsch 2-pin

Optional Lens Colours



Amber

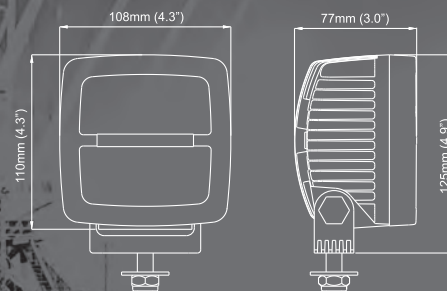


Yellow



Red

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.

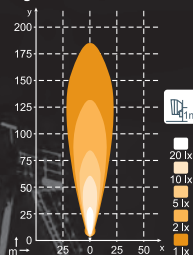


SCORPIUS LED N4401 QD

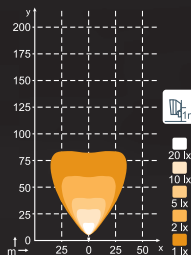
4200lm, Quake Dampening

Light Patterns

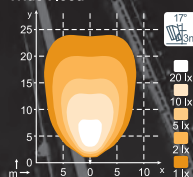
N4401 QD, N4402 4200lm
High Beam



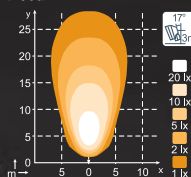
N4401 QD, N4402 4200lm
Low Beam



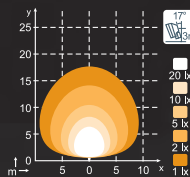
N4401 QD, N4402 4200lm
Wide Flood



N4401 QD, N4402 4200lm
Flood



N4401 QD, N4402 3360lm
Diffused

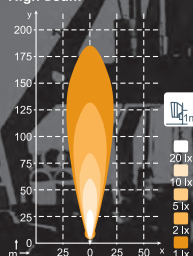


SCORPIUS LED N4402

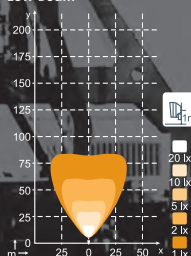
4200lm

Light Patterns

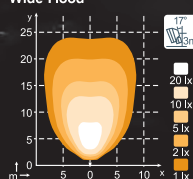
N4401 QD, N4402 4200lm
High Beam



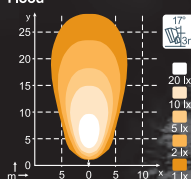
N4401 QD, N4402 4200lm
Low Beam



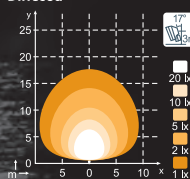
N4401 QD, N4402 4200lm
Wide Flood



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
	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:	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
	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

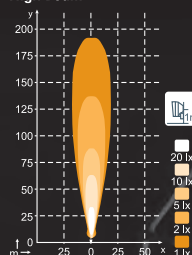


SCORPIUS LED N4403 QD

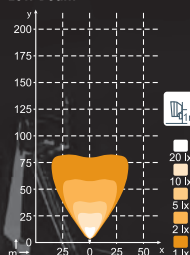
3000lm, Quake Dampening

Light Patterns

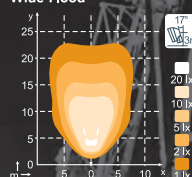
N4403 QD, N4404 3000lm
High Beam



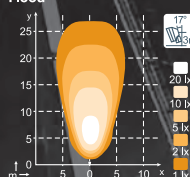
N4403 QD, N4404 3000lm
Low Beam



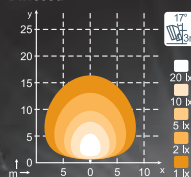
N4403 QD, N4404 3000lm
Wide Flood



N4403 QD, N4404 3000lm
Flood



N4403 QD, N4404 2400lm
Diffused

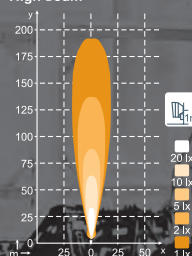


SCORPIUS LED N4404

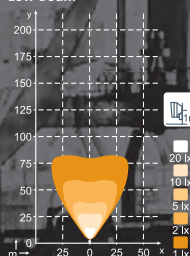
3000lm

Light Patterns

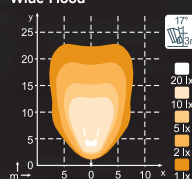
N4403 QD, N4404 3000lm
High Beam



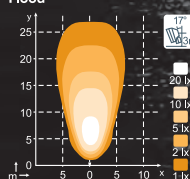
N4403 QD, N4404 3000lm
Low Beam



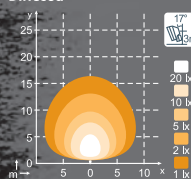
N4403 QD, N4404 3000lm
Wide Flood



N4403 QD, N4404 3000lm
Flood



N4403 QD, N4404 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:	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

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

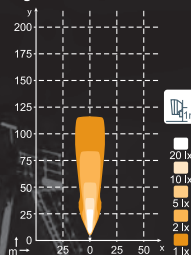


SCORPIUS LED N4405 QD

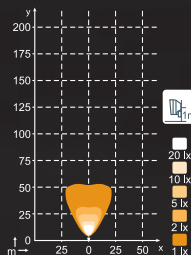
2100lm, Quake Dampening

Light Patterns

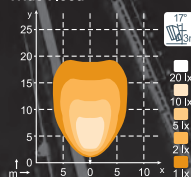
N4405 QD, N4406 2100lm
High Beam



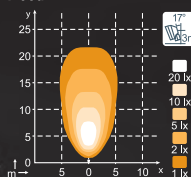
N4405 QD, N4406 2100lm
Low Beam



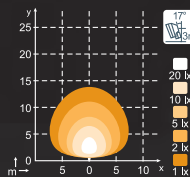
N4405 QD, N4406 2100lm
Wide Flood



N4405 QD, N4406 2100lm
Flood



N4405 QD, N4406 1680lm
Diffused

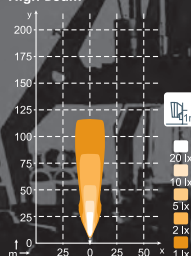


SCORPIUS LED N4406

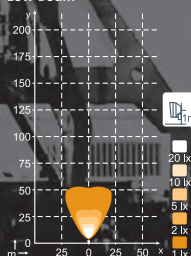
2100lm

Light Patterns

N4405 QD, N4406 2100lm
High Beam



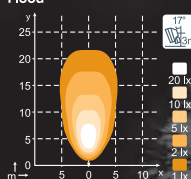
N4405 QD, N4406 2100lm
Low Beam



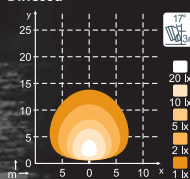
N4405 QD, N4406 2100lm
Wide Flood



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
	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

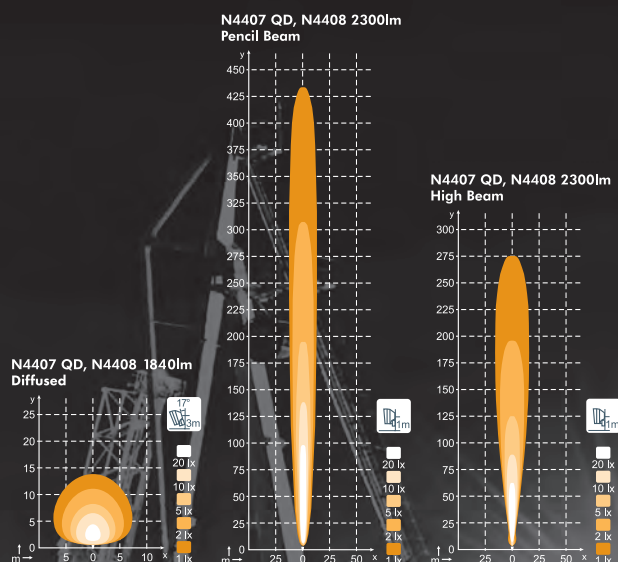
Theoretical Lumens Output:	3400lm
Operational Lumens Output:	2100lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	35W
Nominal Current at:	24V 1.5A
	12V 3.0A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	1.1kg
IP Rating:	IP68
	IP6K9K
	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 N4407 QD

2300lm, Quake Dampening

Light Patterns



Specifications

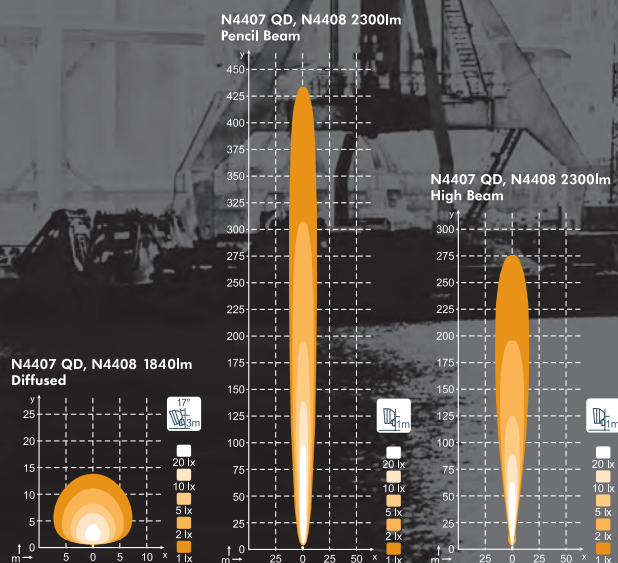
Theoretical Lumens Output:	3700lm
Operational Lumens Output:	2300lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	40W
Nominal Current at:	24V 1.7A
	12V 3.4A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	20Grms 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

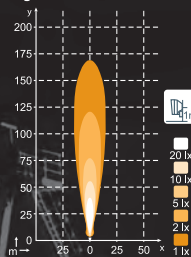


SCORPIUS LED N4409 QD

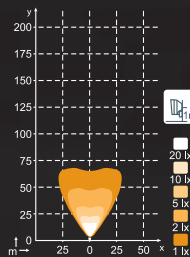
2000lm, Dimmable, Quake Dampening

Light Patterns

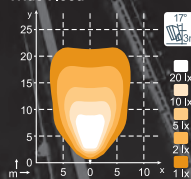
N4409 QD, N4410 2000lm
High Beam



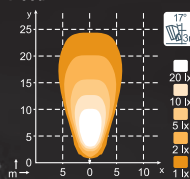
N4409 QD, N4410 2000lm
Low Beam



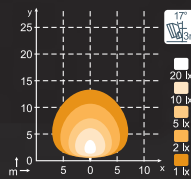
N4409 QD, N4410 2000lm
Wide Flood



N4409 QD, N4410 2000lm
Flood



N4409 QD, N4410 1600lm
Diffused

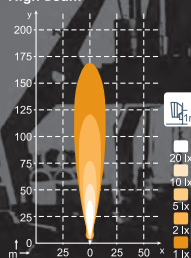


SCORPIUS LED N4410

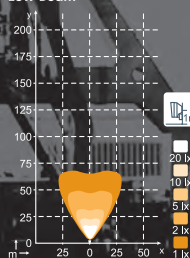
2000lm, Dimmable

Light Patterns

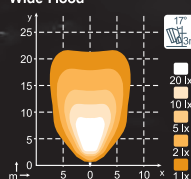
N4409 QD, N4410 2000lm
High Beam



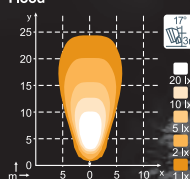
N4409 QD, N4410 2000lm
Low Beam



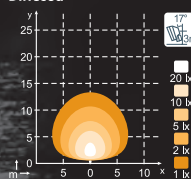
N4409 QD, N4410 2000lm
Wide Flood



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

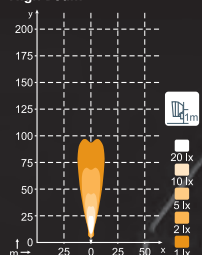
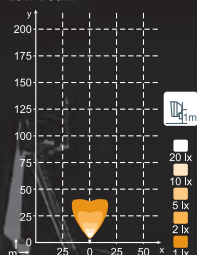
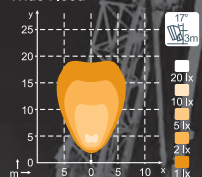
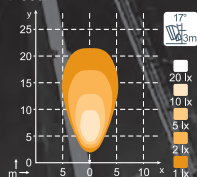
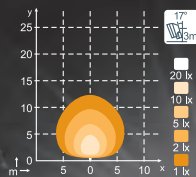
Theoretical Lumens Output:	3200lm
Operational Lumens Output:	2000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	40W
Nominal Current at:	24V 1.7A
	12V 3.4A
Electronics:	Integrated / Isolated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	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 BeamN42 1350lm
Low BeamN42 1350lm
Wide FloodN42 1350lm
FloodN42 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



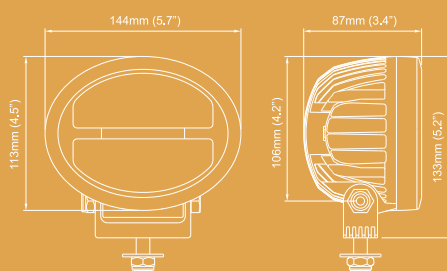


NORDIC ANTARES LED SERIES

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

Drawings

N33



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

Optional Lens Colours



Amber

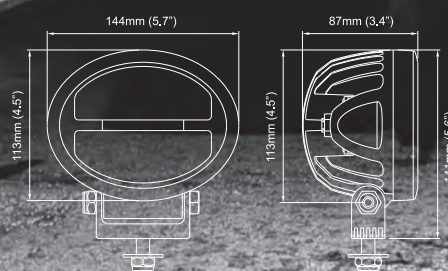


Yellow



Red

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.

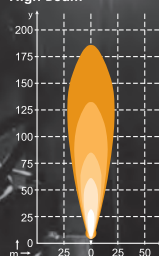


ANTARES LED N3301

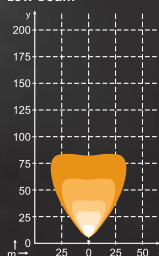
4200lm

Light Patterns

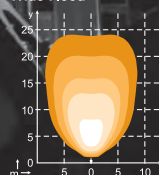
N3301 4200lm
High Beam



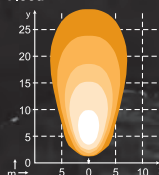
N3301 4200lm
Low Beam



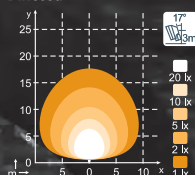
N3301 4200lm
Wide Flood



N3301 4200lm
Flood



N3301 3360lm
Diffused

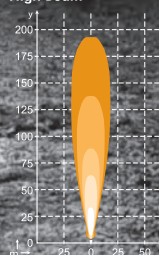


ANTARES LED N3302

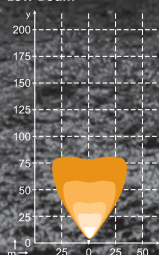
3000lm

Light Patterns

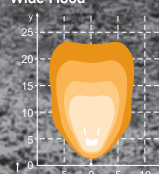
N3302 3000lm
High Beam



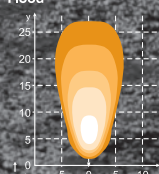
N3302 3000lm
Low Beam



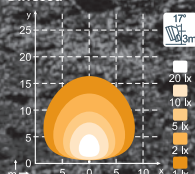
N3302 3000lm
Wide Flood



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

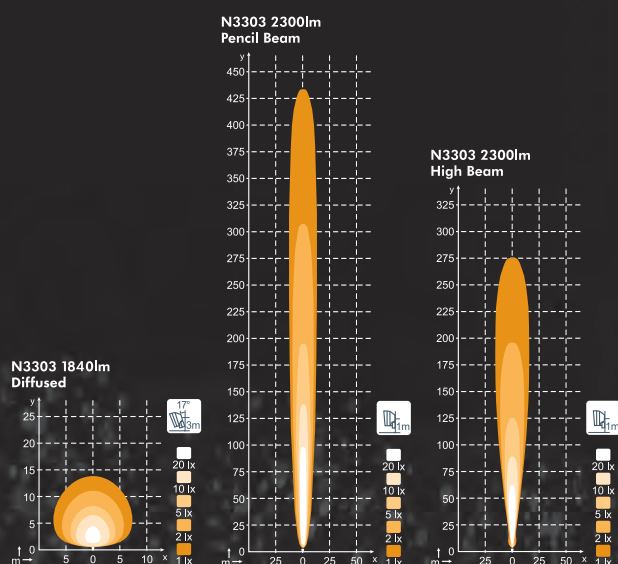
Theoretical Lumens Output:	4800lm
Operational Lumens Output:	3000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	45W
Nominal Current at:	24V 1.9A
	12V 3.8A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 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

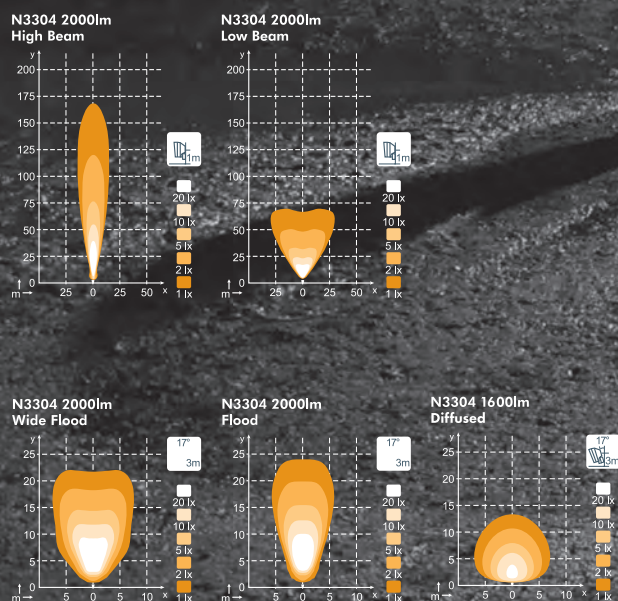
Theoretical Lumens Output:	3700lm
Operational Lumens Output:	2300lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	40W
Nominal Current at:	24V 1.7A
	12V 3.4A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 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



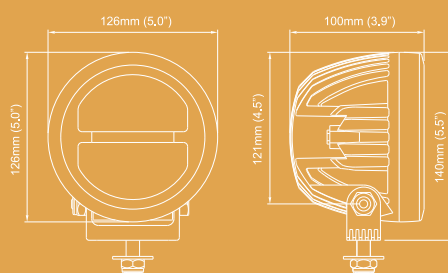
NORDIC VIRGO LED SERIES

The Nordic VIRGO LED work lamp offers outstanding illumination.

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

Drawings

N31



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

Optional Lens Colours



Amber

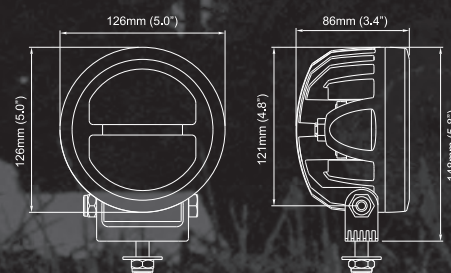


Yellow



Red

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

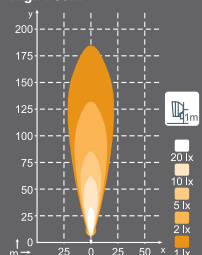


VIRGO LED N3101

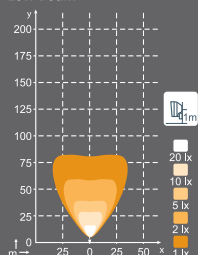
4200lm

Light Patterns

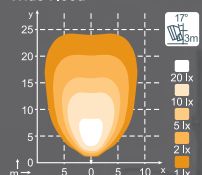
N3101 4200lm
High Beam



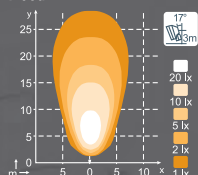
N3101 4200lm
Low Beam



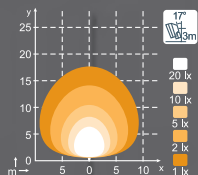
N3101 4200lm
Wide Flood



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

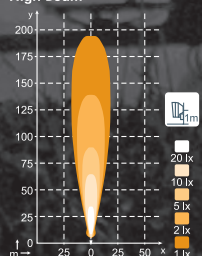


VIRGO LED N3102

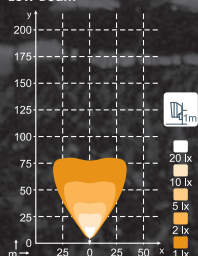
3000lm

Light Patterns

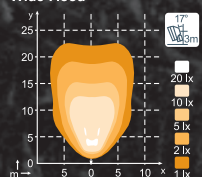
N3102 3000lm
High Beam



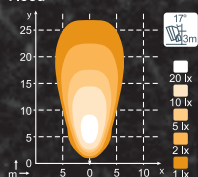
N3102 3000lm
Low Beam



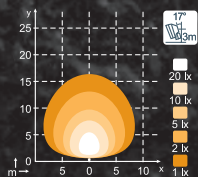
N3102 3000lm
Wide Flood



N3102 3000lm
Flood



N3102 2400lm
Diffused



Specifications

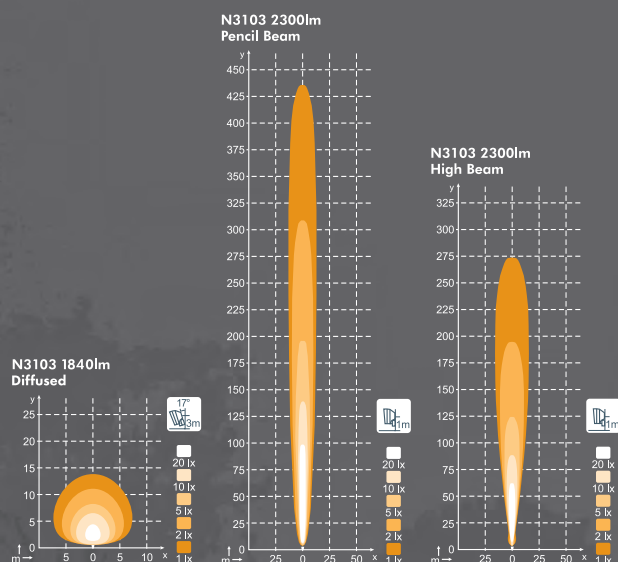
Theoretical Lumens Output:	4800lm
Operational Lumens Output:	3000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	45W
Nominal Current at:	24V 1.9A
	12V 3.8A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 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

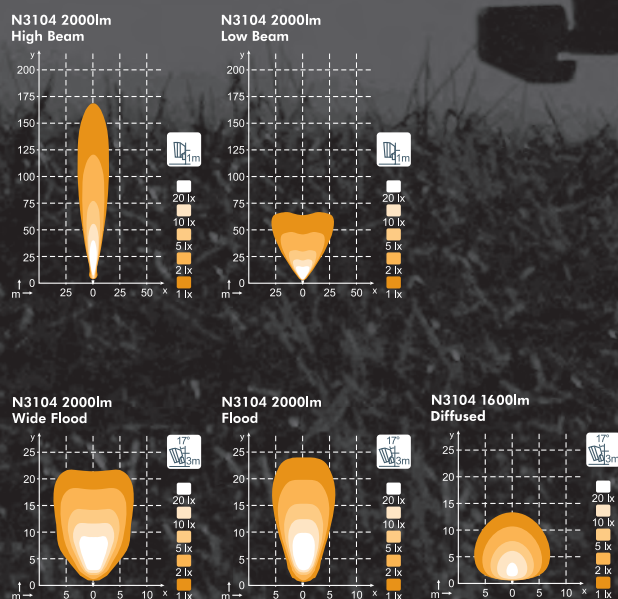
Theoretical Lumens Output:	3700lm
Operational Lumens Output:	2300lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	40W
Nominal Current at:	24V 1.7A
	12V 3.4A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	15.3Grms 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



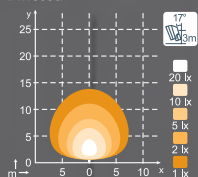
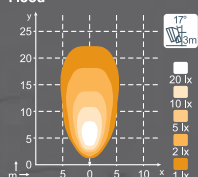
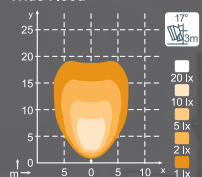
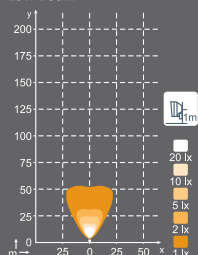
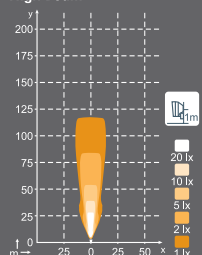
Specifications

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



2100lm

Light Patterns



Specifications

[illegible]

LED WORK LIGHTS

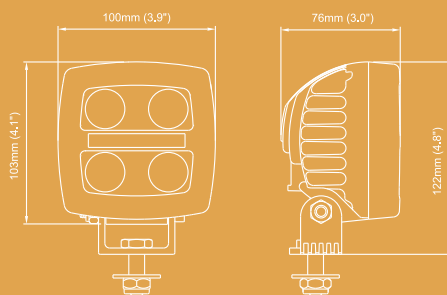


NORDIC SPICA LED SERIES

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

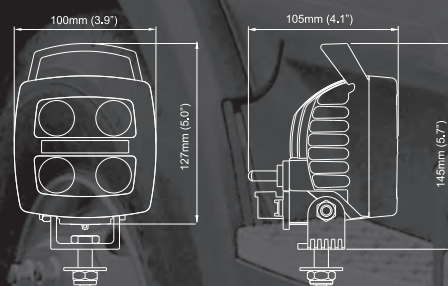
Connectors

	Built-in AMP		Built-in Deutsch 2-pin
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Optional Lens Colours

	Amber		Yellow		Red
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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

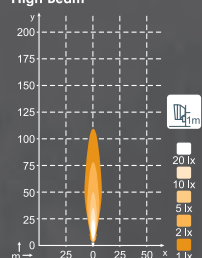


SPICA LED N2401

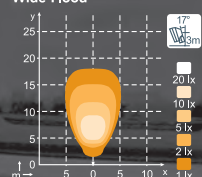
750lm, Dimmable

Light Patterns

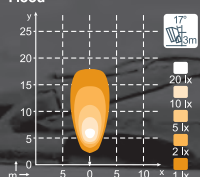
N2401 750lm
High Beam



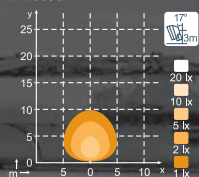
N2401 750lm
Wide Flood



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

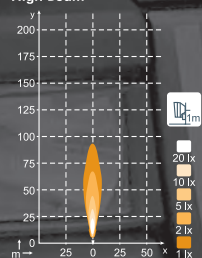


SPICA LED N26

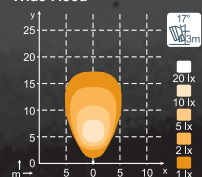
700lm, Extensive Multi Voltage

Light Patterns

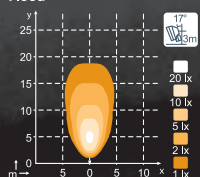
N26 700lm
High Beam



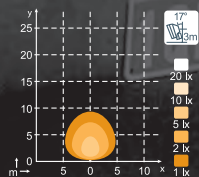
N26 700lm
Wide Flood



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

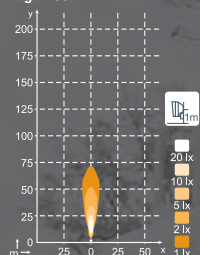


SPICA LED N24

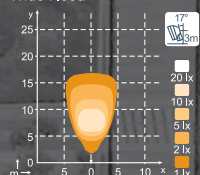
600lm

Light Patterns

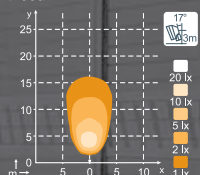
N24 600lm
High Beam



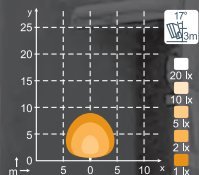
N24 600lm
Wide Flood



N24 600lm
Flood



N24 480lm
Diffused

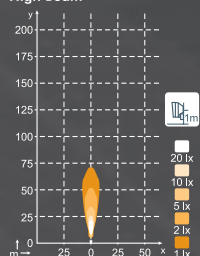


SPICA LED N24 HS

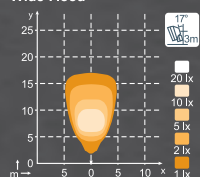
600lm, Handle & Switch

Light Patterns

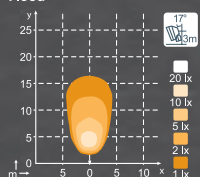
N24 HS 600lm
High Beam



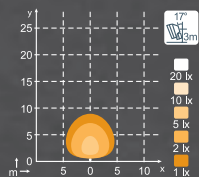
N24 HS 600lm
Wide Flood



N24 HS 600lm
Flood



N24 HS 480lm
Diffused



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



450lm, Reverse

Light Patterns



Specifications

[illegible]



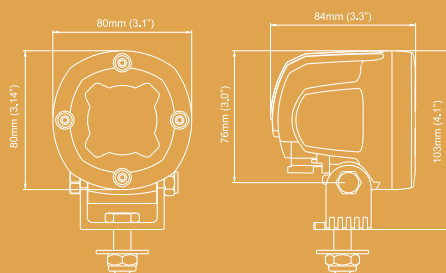
NORDIC CANIS LED SERIES

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

Optional Lens Colours



Amber



Yellow



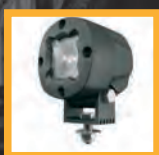
Red



CANIS LED N2001

1000lm

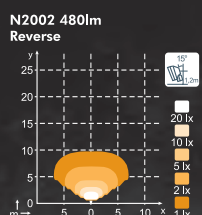
Light Patterns



CANIS LED N2002 R

480lm, Reverse

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

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



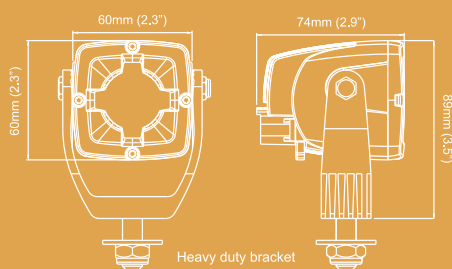
NORDIC CAPELLA LED SERIES

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



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



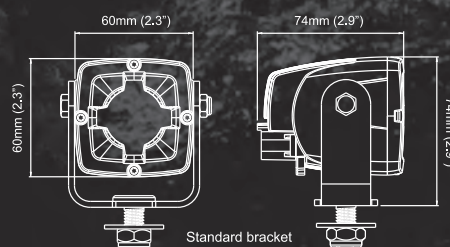
Modern Design

Connectors



Built-in Deutsch 2-pin

N10



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

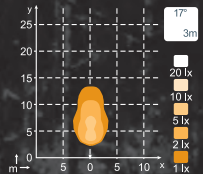


CAPELLA LED N10 B

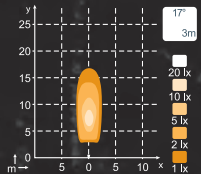
350lm, Stronger Heavy Duty Bracket

Light Patterns

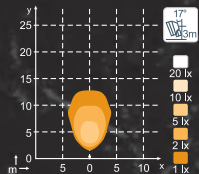
N10 B and N10 350lm
Wide Flood



N10 B and N10 350lm
Flood



N10 B and N10 350lm
Super Wide

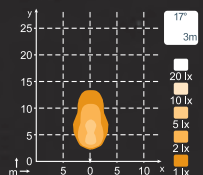


CAPELLA LED N10

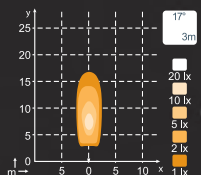
350lm

Light Patterns

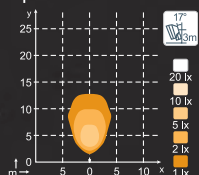
N10 B and N10 350lm
Wide Flood



N10 B and N10 350lm
Flood



N10 B and N10 350lm
Super Wide



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



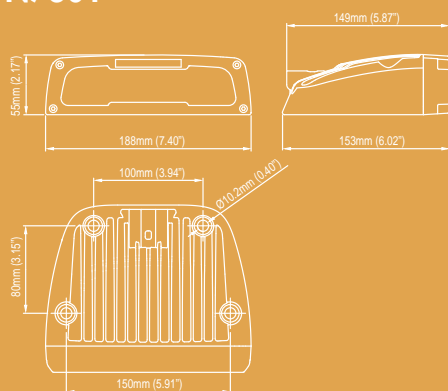
NORDIC PICTOR LED SERIES

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

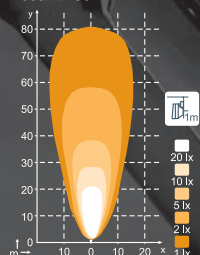


PICTOR LED N7301

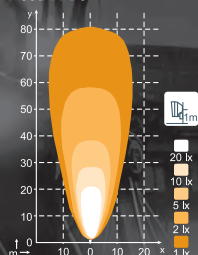
2600lm

Light Patterns

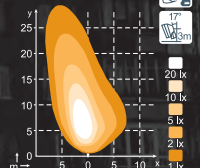
N7301 2600lm
Flood TD US



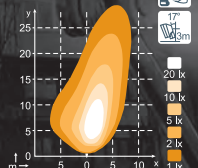
N7301 2600lm
Flood TT DS



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



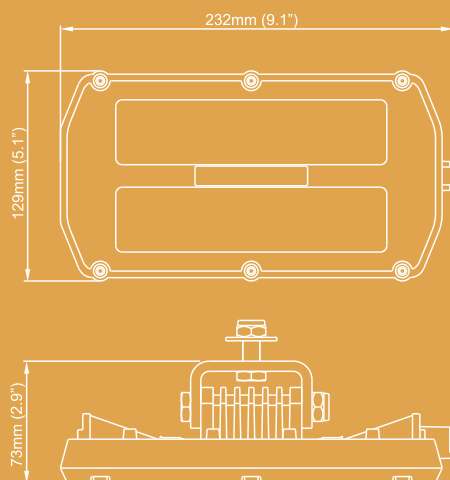
NORDIC TAURUS LED SERIES

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

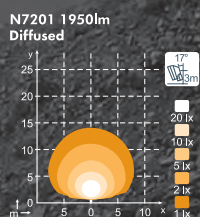
Connectors



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



Light Patterns



Specifications

[illegible]

LED WORK LIGHTS



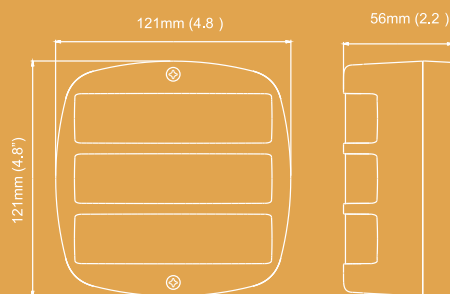
NORDIC DORADO LED SERIES

The Nordic DORADO LED tail light is designed for 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 modules. 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



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



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



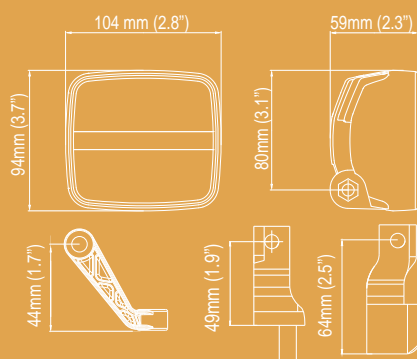
NORDIC KL20XX LED SERIES

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



Heavy Duty Construction



Load Dump Protected



Salt Mist



Compact



Low Maintenance



Reverse Voltage Protected



Over Voltage Protected



Optically Even Light Distribution



Dimmable



Waterproof



EMC



Overheat Protected



Multi Voltage

Connectors

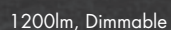


Built-in AMP



Built-in Deutsch 2-pin





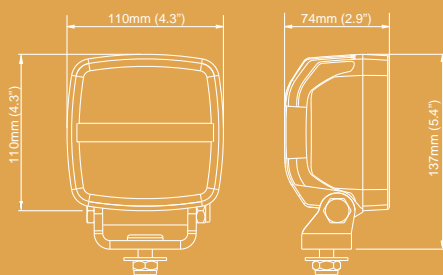


NORDIC KL14XX LED SERIES

The Nordic KL14XX LED work lamp is an affordable upgrade for your lighting needs. The KL14XX LED matches the basic introduction level needs for heavy duty lighting and is the right light when replacing halogen work lights.

Drawings

KL1401 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		Handle And Switch

Connectors

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

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.



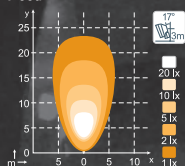
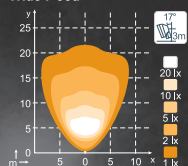
Light Patterns

Specifications

Theoretical Lumens Output:	3200lm
Operational Lumens Output:	2000lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V
Nominal Current at:	24V
	12V
Electronics:	Integrated
Connector:	Built-in Deutsch
	Built-in Deutsch 2-pin
Mount:	Single Bolt M10
Shock:	60G
Vibration:	8Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	0.9kg
IP Rating:	IP68
	IP6K9K
	SAE J1455
Salt Mist:	ISO 9227 480H
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

KL1401 2000lm
Flood



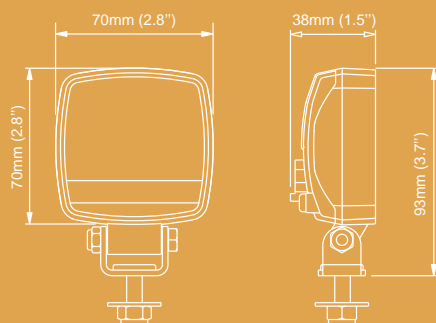


NORDIC KL15XX LED SERIES

The Nordic KL15XX LED work lamp is an affordable upgrade for your lighting needs. The KL15XX LED matches the basic introduction level needs for heavy duty lighting and is the right light when replacing halogen work lights.

Drawings

KL1501 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



Handle

Connectors



Built-in Deutsch 2-pin



Pigtail Deutsch 2-pin

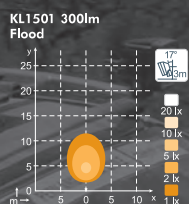


Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.



300lm, Dimmable

Light Patterns



Specifications

[illegible]

KL-SERIES LED WORK LIGHTS

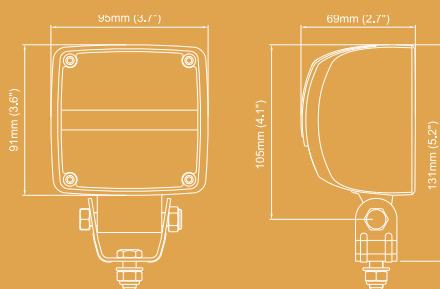


NORDIC KL10XX LED SERIES

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



Pigtail Deutsch 2-pin

Optional Lens Colours



Amber



Blue



Yellow



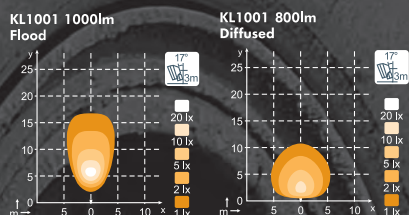
Red

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



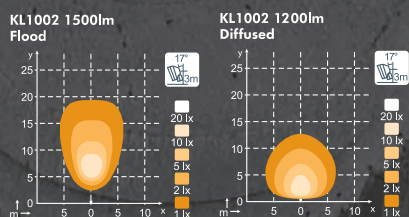
1000lm, Dimmable

Light Patterns



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:	1.0A
	2.0A
Electronics:	Integrated / Isolated
Connector:	Fly Leads
	Pigtail Deutsch 2-pin
Mount:	Single Bolt M10
	Single Bolt M8
Shock:	60G
Vibration:	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



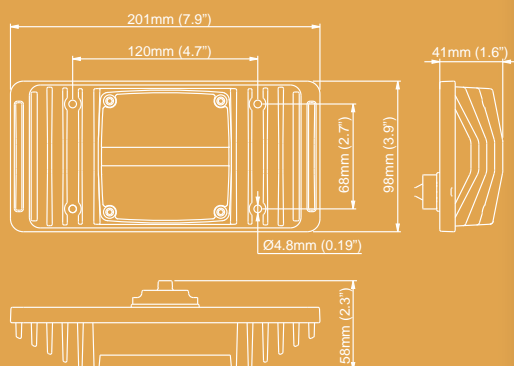
NORDIC KL11XX LED SERIES

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



Heavy Duty Construction



Load Dump Protected



Salt Mist



Compact



Low Maintenance



Reverse Voltage Protected



Over Voltage Protected



Optically Even Light Distribution



Dimmable



Waterproof



EMC



Overheat Protected



Multi Voltage



Suitable and Easy Fit for Many Applications

Connectors



Fly Leads



Pigtail AMP



Pigtail Deutsch 2-pin



Pigtail PGJ19-5

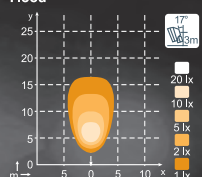


KL1101 LED

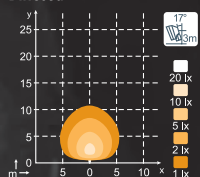
1000lm, Dimmable

Light Patterns

KL1101 1000lm
Flood



KL1101 800lm
Diffused

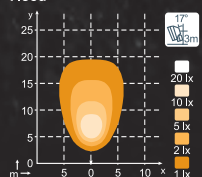


KL1102 LED

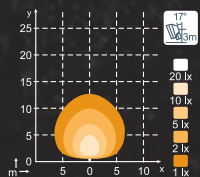
1500lm, Dimmable

Light Patterns

KL1102 1500lm
Flood



KL1102 1200lm
Diffused



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

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
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	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box



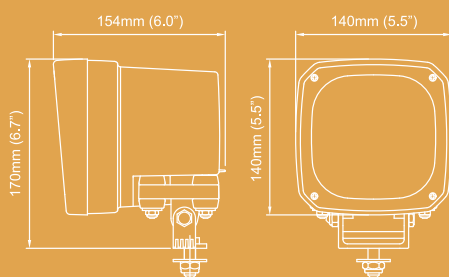
NORDIC N400 HID SERIES

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



Distinct Light Pattern



High Lumens / Watt Efficiency



Integrated Ballast



Interchangeable Light Unit



Heavy Duty Construction



Different Lens Colour Versions Available



Extreme Heavy Duty Dampening



Gore™ Membrane Vent Installed



Versions for Mounting on Any Required Axis



Salt Mist



High Light Output



Heavy Duty Glass Fibre Reinforced Housing



Hardened Glass



Handle And Switch

Connectors



Built-in Deutsch 2-pin



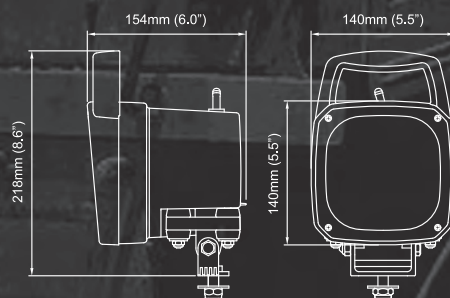
Pigtail Deutsch 2-pin



Amber

Optional Lens Colours

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

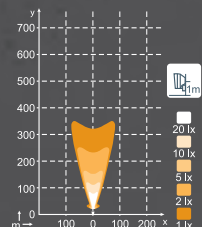


N400 HID BOOSTER XD

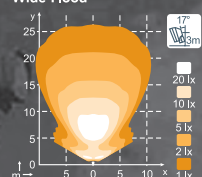
3500lm, 45W, Xtreme Dampening

Light Patterns

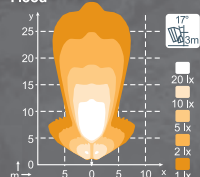
N400 HID 45W
Low Beam



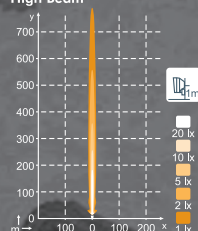
N400 HID 45W
Wide Flood



N400 HID 45W
Flood



N400 HID 45W
High Beam

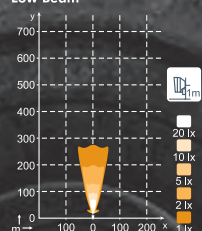


N400 HID XD

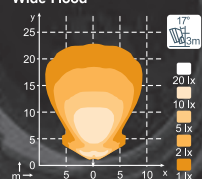
2500lm, 35W, Xtreme Dampening

Light Patterns

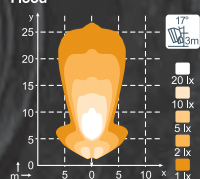
N400 HID 35W
Low Beam



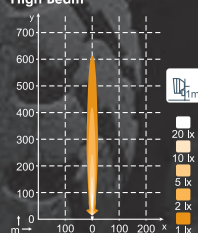
N400 HID 35W
Wide Flood



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

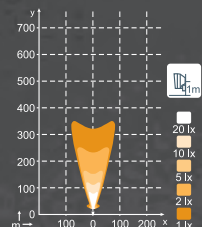


N400 HID BOOSTER XD HS

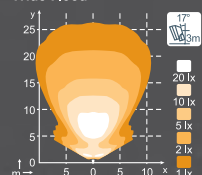
3500lm, 45W, Xtreme Dampening, Handle & Switch

Light Patterns

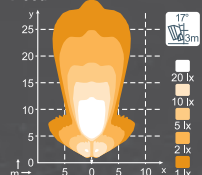
N400 HID 45W
Low Beam



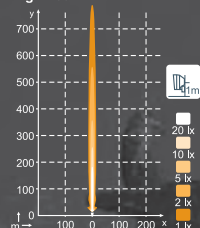
N400 HID 45W
Wide Flood



N400 HID 45W
Flood



N400 HID 45W
High Beam



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

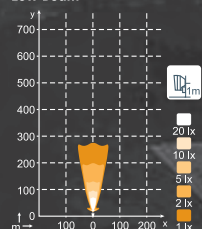


N400 HID XD HS

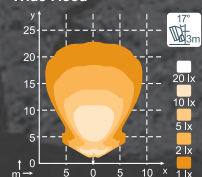
2500lm, 35W, Xtreme Dampening, Handle & Switch

Light Patterns

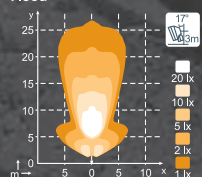
N400 HID 35W
Low Beam



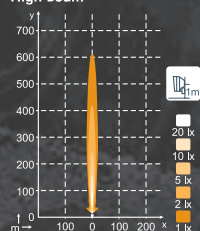
N400 HID 35W
Wide Flood



N400 HID 35W
Flood



N400 HID 35W
High Beam



Specifications

Theoretical Lumens Output:	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



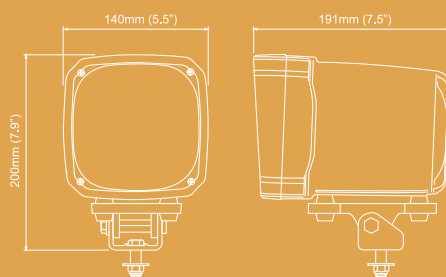


NORDIC N200 HID SERIES

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



Headlight, Indicator and Park Light in One Assembly



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



ECE

Connectors



Built-in Deutsch 2-pin



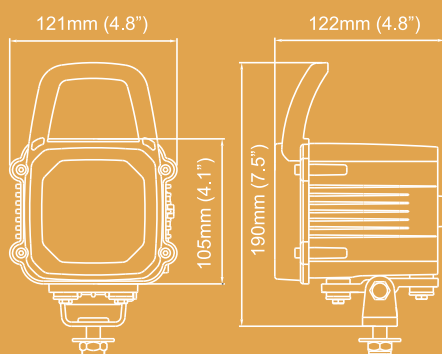
NORDIC N45 HID SERIES

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

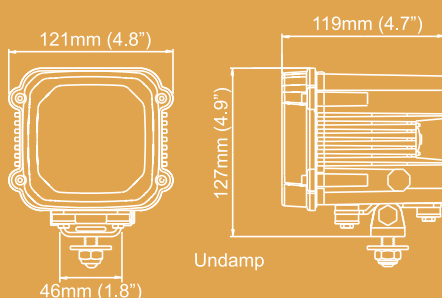
The light features Xtreme Heavy Duty Dampening and is available in standard 35W or 45W Booster implementation. The work light is also available with Handle. The N45 HID is highly resistant to shock and vibration.

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

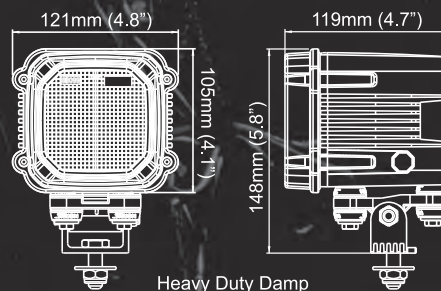


Built-in Deutsch 2-pin



Pigtail Deutsch 2-pin

N45 HID BOOSTER XD, N45 HID XD



Heavy Duty Damp

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

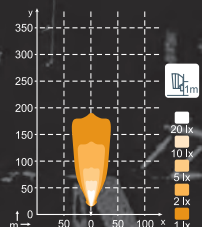


N45 HID BOOSTER XD

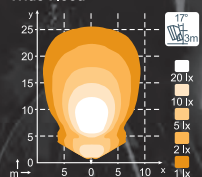
3500lm, 45W, Xtreme Dampening

Light Patterns

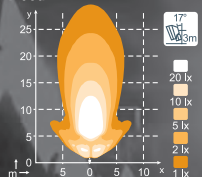
N45 HID 45W
Low Beam



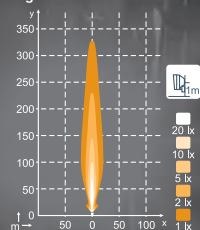
N45 HID 45W
Wide Flood



N45 HID 45W
Flood



N45 HID 45W
High Beam

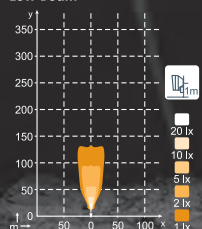


N45 HID XD

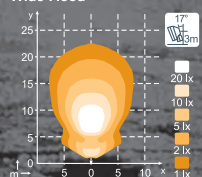
2500lm, 35W, Xtreme Dampening

Light Patterns

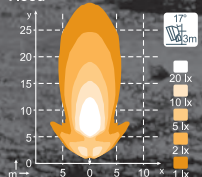
N45 HID 35W
Low Beam



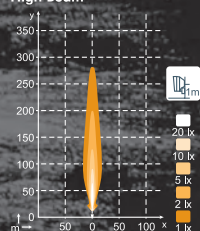
N45 HID 35W
Wide Flood



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

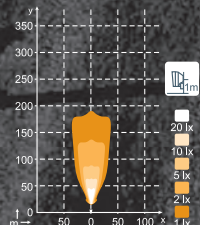


N45 HID BOOSTER

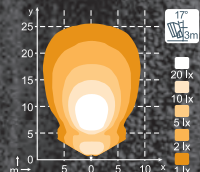
3500lm, 45W

Light Patterns

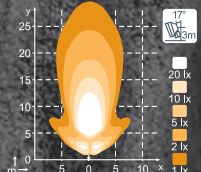
N45 HID 45W
Low Beam



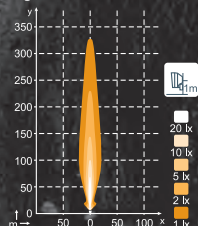
N45 HID 45W
Wide Flood



N45 HID 45W
Flood



N45 HID 45W
High Beam

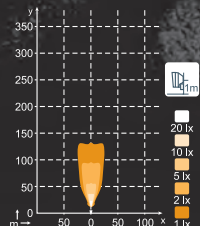


N45 HID

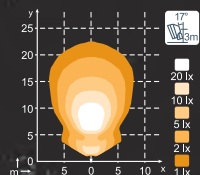
2500lm, 35W

Light Patterns

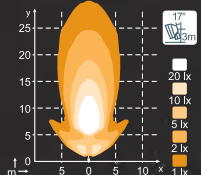
N45 HID 35W
Low Beam



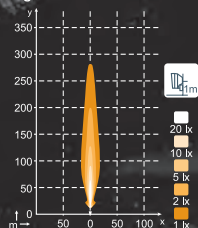
N45 HID 35W
Wide Flood



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

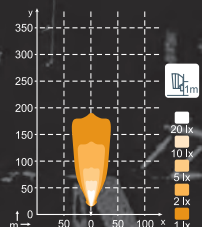


N45 HID BOOSTER H

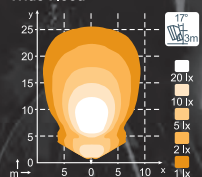
3500lm, 45W, Handle

Light Patterns

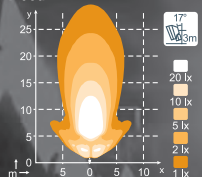
N45 HID 45W
Low Beam



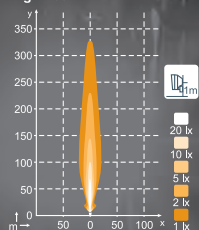
N45 HID 45W
Wide Flood



N45 HID 45W
Flood



N45 HID 45W
High Beam

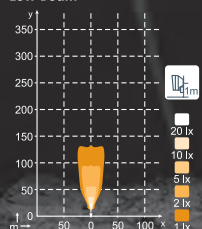


N45 HID H

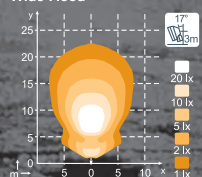
2500lm, 35W, Handle

Light Patterns

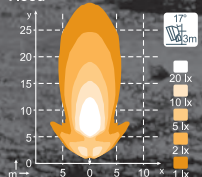
N45 HID 35W
Low Beam



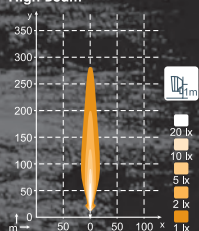
N45 HID 35W
Wide Flood



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



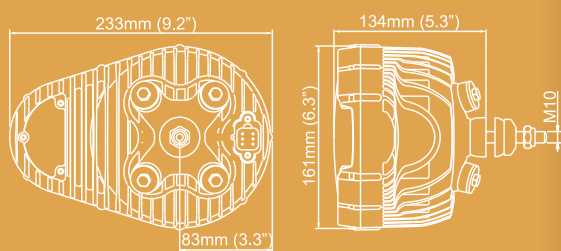
NORDIC SCULPTOR LED SERIES

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



Features

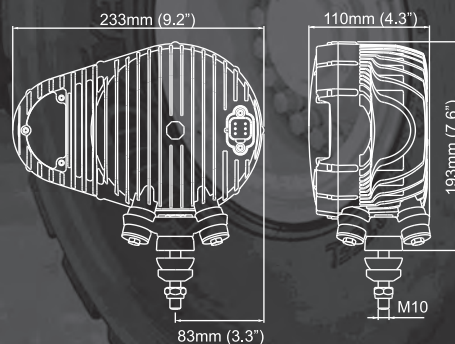


Connectors



Built-in Deutsch 6-pin

N6002 QD



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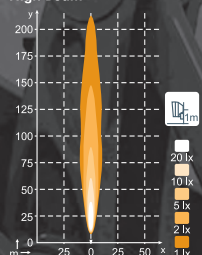


SCULPTOR LED N6001 QD

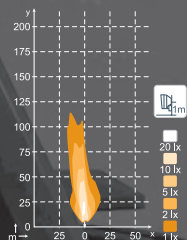
ECE, Quake Dampening, Rear mount

Light Patterns

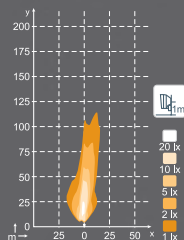
N60XX ECE
High Beam



N60XX ECE
Low Beam LHT



N60XX ECE
Low Beam RHT

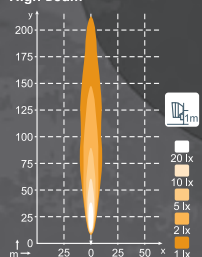


SCULPTOR LED N6002 QD

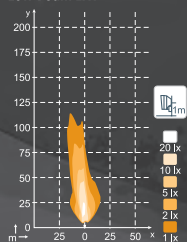
ECE, Quake Dampening, Pedestal mount

Light Patterns

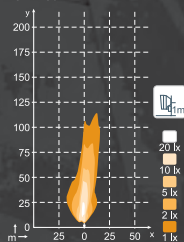
N60XX ECE
High Beam



N60XX ECE
Low Beam LHT



N60XX ECE
Low Beam RHT



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
	SAE J1455
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
	SAE J1455
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

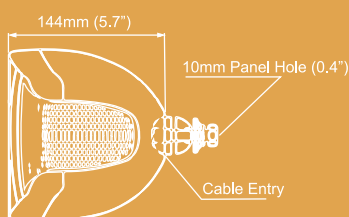


NORDIC N5XX SERIES

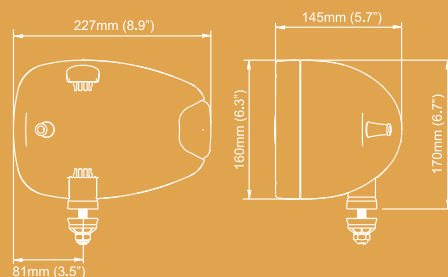
The Nordic N500 Series is an ideal Heavy Duty headlight/indicator solution. The N500 Series integrates headlight, indicator and park light in one assembly. The lamp is available with 3-point Vibration Dampener and in both ECE and SAE approved implementations.

Drawings

N500 LED, N500



N520 LED, N520



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



Handle

Connectors



Built-in AMP 6-pin



Built-in Deutsch 6-pin

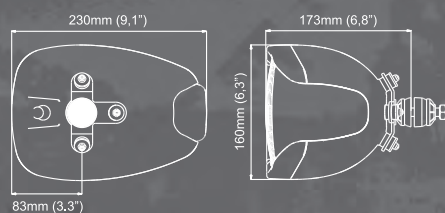


Grommet

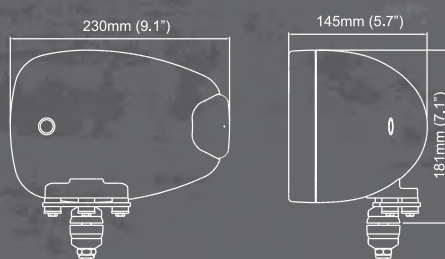


Pigtail Deutsch 6-pin

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

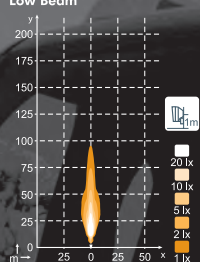


N523 LED

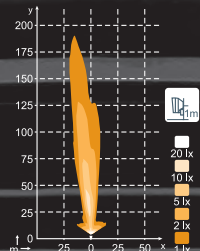
ECE or SAE, LED Indicator, 3-Point Vibration Dampening, Pedestal mount

Light Patterns

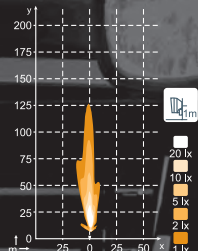
N5XX SAE Low Beam



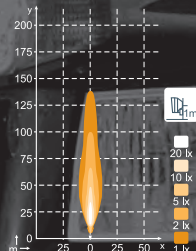
N5XX ECE High Beam



N5XX ECE Low Beam



N5XX SAE High Beam

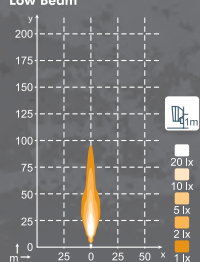


N520 LED

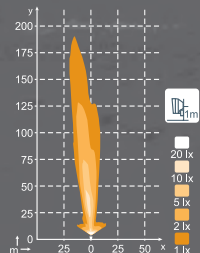
ECE or SAE, LED Indicator, Pedestal mount

Light Patterns

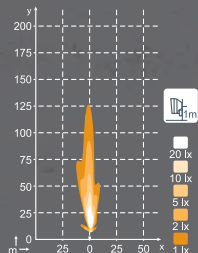
N5XX SAE Low Beam



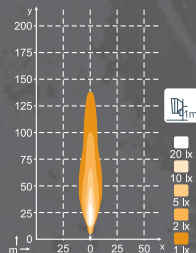
N5XX ECE High Beam



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

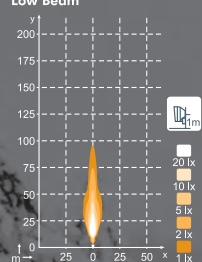


N503 LED

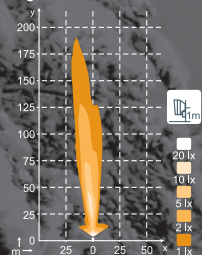
ECE or SAE, LED Indicator, 3-Point Vibration Dampening, Rear mount

Light Patterns

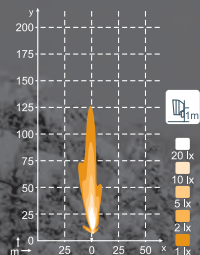
N5XX SAE
Low Beam



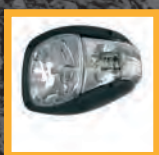
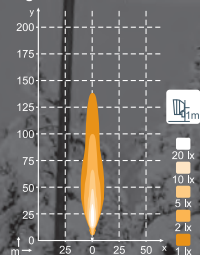
N5XX ECE
High Beam



N5XX ECE
Low Beam



N5XX SAE
High Beam

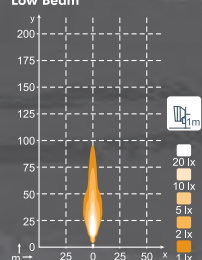


N500 LED

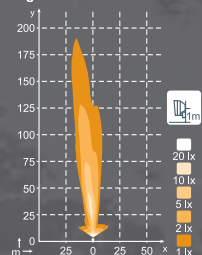
ECE or SAE, LED Indicator, Rear mount

Light Patterns

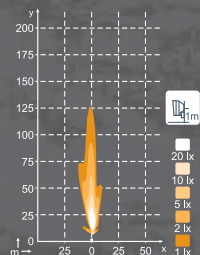
N5XX SAE
Low Beam



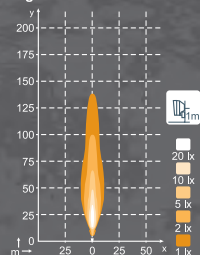
N5XX ECE
High Beam



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)
		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

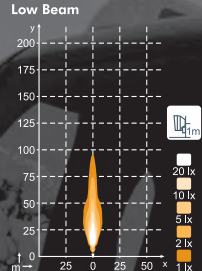


N523 Halogen

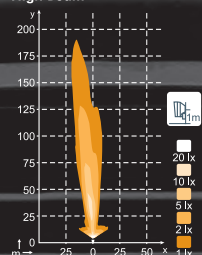
ECE or SAE, 3-Point Vibration Dampening,
Pedestal mount

Light Patterns

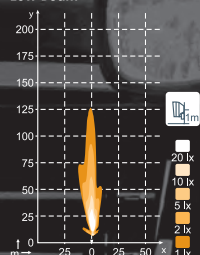
N5XX SAE
Low Beam



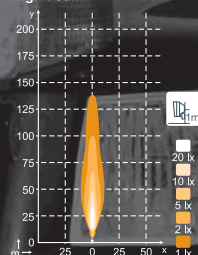
N5XX ECE
High Beam



N5XX ECE
Low Beam



N5XX SAE
High Beam

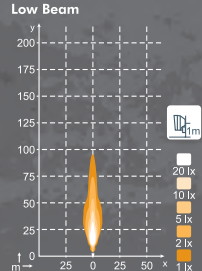


N520 Halogen

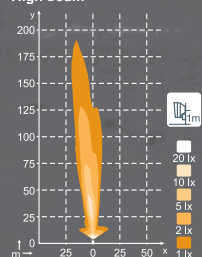
ECE or SAE, Pedestal mount

Light Patterns

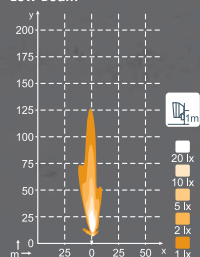
N5XX SAE
Low Beam



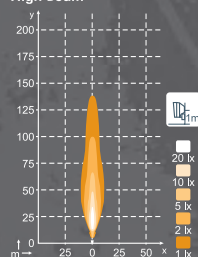
N5XX ECE
High Beam



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

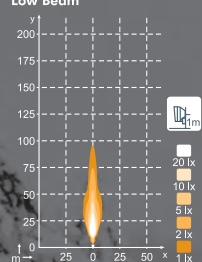


N503 Halogen

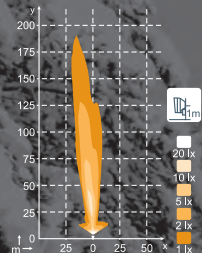
ECE or SAE, 3-Point Vibration Dampening,
Rear mount

Light Patterns

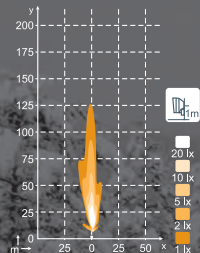
N5XX SAE
Low Beam



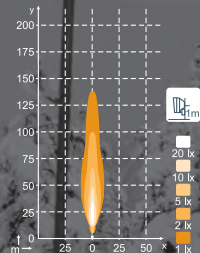
N5XX ECE
High Beam



N5XX ECE
Low Beam



N5XX SAE
High Beam

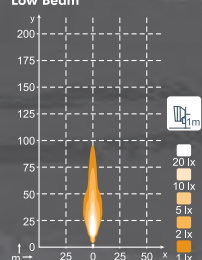


N500 Halogen

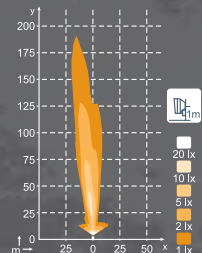
ECE or SAE, Rear mount

Light Patterns

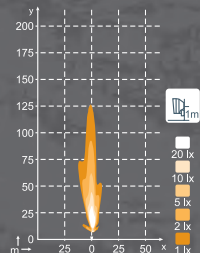
N5XX SAE
Low Beam



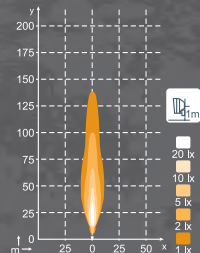
N5XX ECE
High Beam



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



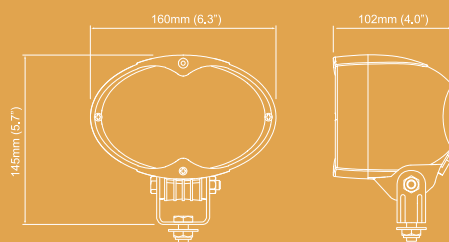
NORDIC N300 HALOGEN SERIES

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

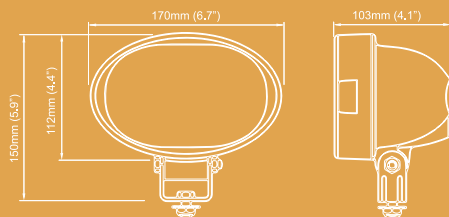
The light features twin and single power configurations and has a cut light pattern to prevent stray light upward. The N300 Halogen is also available with handle, grill or Super damping. ECE approved Reverse implementation available.

Drawings

N300 D TP, N300 D, N300 D R



N300 SD TP, N300 SD



Features



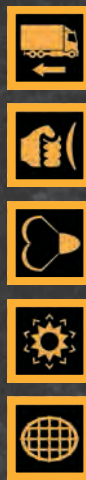
Salt Mist

Heavy Duty
Glass Fibre
Reinforced
Housing

Twin Power

Non-dazzling

Handle And
Switch



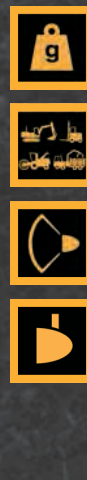
Reverse Light

Hardened Glass

Twin Power
Offering a Very
Strong Wide
Light Pattern

Heavy Duty
Anti-Vibration
Dampening

Available with
Grill



Light Weight

Suitable and
Easy Fit for Many
Applications

Very Good
Light Pattern for
Work around the
Application

Rotate Light
Unit for Pendant
Mount

Connectors



Built-in AMP

Grommet



Built-in Deutsch
2-pin

Pigtail Deutsch
2-pin



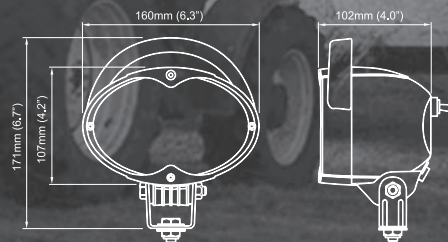
Fly Leads

Optional Lens Colours



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

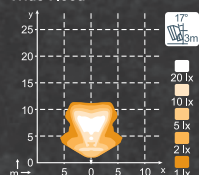


N300 HALOGEN SD

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
		H3
Bulb:		H3
	12V	55W
	24V HD Bulb	65W
Power Consumption:	24V	70W
	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
		60G
Shock:		12Grms 18-600Hz
Vibration:		Hardened Glass
Lens:		Glass Fibre Reinforced Polyamide
Body:		0.5kg
Weight:		IP67 (not Grommet)
IP Rating:		ISO 9227 240H
Salt Mist:		-40°C... +85°C
Operating Temperatures:		24 pce / Box
Packing:		

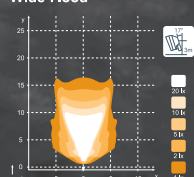


N300 HALOGEN SD TP

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
		H3
Bulb:		H3
	12V	2 x 55W
	24V	2 x 70W
Power Consumption:	80V	1.4A
	48V	2.8A
	36V	4.0A
	24V	5.4A
	12V	9.2A
		2 x 55W
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:		12Grms 18-600Hz
Vibration:		Hardened Glass
Lens:		Glass Fibre Reinforced Polyamide
Body:		0.5kg
Weight:		IP67 (not Grommet)
IP Rating:		ISO 9227 240H
Salt Mist:		-40°C... +85°C
Operating Temperatures:		24 pce / Box
Packing:		



N300 HALOGEN D

1400lm, 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
		H3
Bulb:		H3
	12V	55W
	24V HD Bulb	65W
Power Consumption:	24V	70W
	80V	0.7A
	48V	1.4A
	36V	2.0A
	24V	2.7A
	12V	4.6A
Nominal Current at:		
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

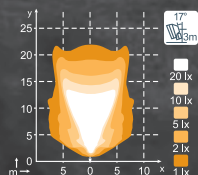


N300 HALOGEN D TP

2800lm, Twin Power, 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	16-23V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
		H3
Bulb:		H3
	12V	2 x 55W
	24V	2 x 70W
Power Consumption:	80V	1.4A
	48V	2.8A
	36V	4.0A
	24V	5.4A
	12V	9.2A
Nominal Current at:		
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

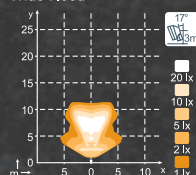


N300 HALOGEN D H

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
		H3
Bulb:		H3
	12V	55W
	24V HD Bulb	65W
Power Consumption:	24V	70W
	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
		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

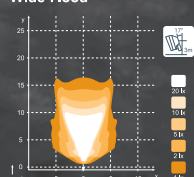


N300 HALOGEN D TP H

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
		H3
Bulb:		H3
	12V	2 x 55W
	24V	2 x 70W
Power Consumption:	80V	1.4A
	48V	2.8A
	36A	4.0A
	24V	5.4A
	12V	9.2A
		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

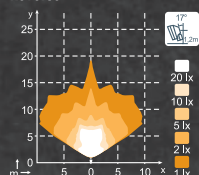


N300 HALOGEN D R

450lm, Reverse, Dampening

Light Patterns

N300 Halogen
Reverse



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

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
	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	





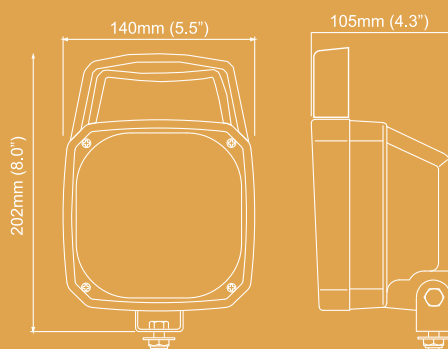
NORDIC N200 HALOGEN SERIES

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

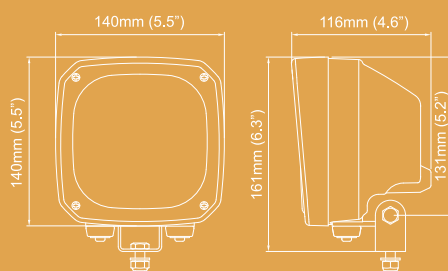
The light features Extreme Heavy Duty Dampening and Heavy Duty Anti-Vibration Dampening configurations. The N200 Halogen is available also with Handle. Proven reliability from arctic to equator.

Drawings

N200 D H, N200 H



N200 XD



Features



Salt Mist



Light Weight



Heavy Duty Anti-Vibration Dampening



Different Lens Colour Versions Available



Suitable and Easy Fit for Many Applications



Rotate Light Unit for Vertical, Pendant or Side mount



Extreme Heavy Duty Dampening



Hardened Glass Combined with Polyamide Housing



Handle

Connectors



Built-in AMP



Built-in Deutsch 2-pin



Fly Leads



Grommet



Pigtail Deutsch 2-pin

Optional Lens Colours



Amber

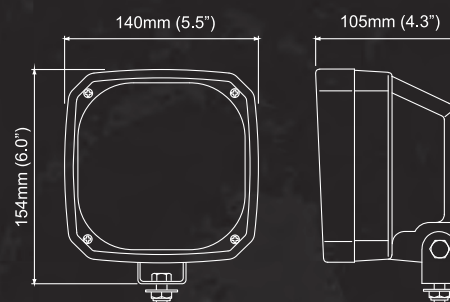


Red



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

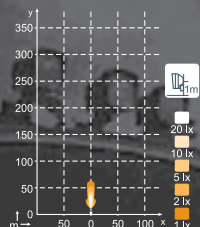


N200 HALOGEN XD

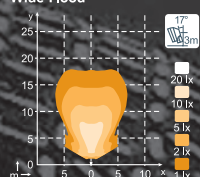
1400lm, Xtreme Dampening

Light Patterns

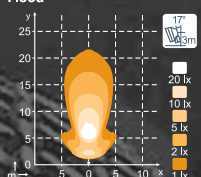
N200 Halogen Low Beam



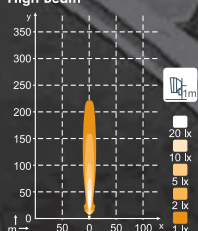
N200 Halogen Wide Flood



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

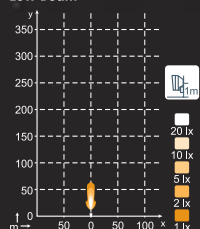


N200 HALOGEN D

1400lm, Dampening

Light Patterns

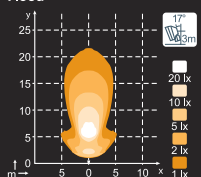
N200 Halogen Low Beam



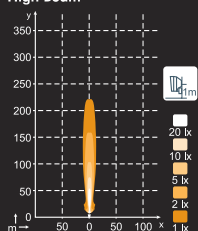
N200 Halogen Wide Flood



N200 Halogen Flood



N200 Halogen High Beam



Specifications

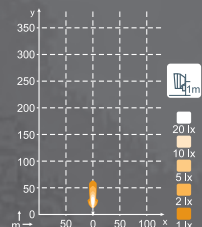
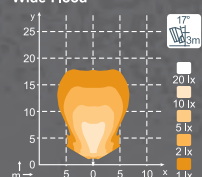
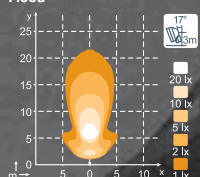
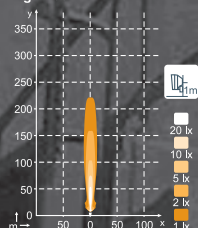
Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
Bulb:		H3
Power Consumption:	12V	55W
	24V HD Bulb	65W
	24V	70W
Nominal Current at:	80V	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 BeamN200 Halogen
Wide FloodN200 Halogen
FloodN200 Halogen
High Beam

Specifications

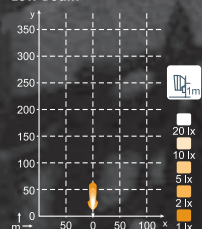
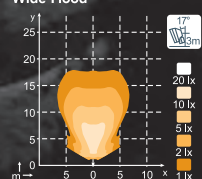
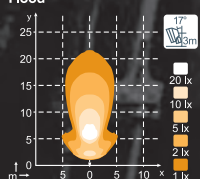
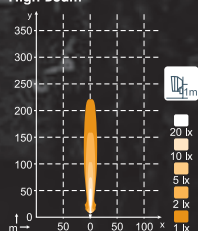
Theoretical Lumens Output:	12V	1450lm
	24V	1750lm
Operational Lumens Output:	12V	1100lm
	24V	1400lm
Colour Temperature:		3200K
Nominal / Input Voltage DC:	24V	16-32V
	36V	28-44V
	48V	33-68V
	80V	56-110V
	12V	8-16V
		H3
Bulb:		H3
		Built-in AMP
		Built-in Deutsch 2-pin
Power Consumption:	12V	55W
	24V 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
		Hardened Glass
Lens:		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 BeamN200 Halogen
Wide FloodN200 Halogen
FloodN200 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
		H3
Bulb:		H3
		Built-in AMP
		Built-in Deutsch 2-pin
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
		Hardened Glass
Vibration:		8.57Grms 18-600Hz
Lens:		Polyamide
Weight:		0.6kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		16 pce / Box

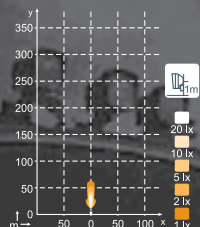


N200 HALOGEN H

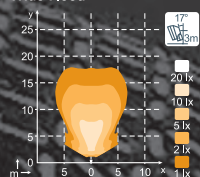
1400lm, Handle

Light Patterns

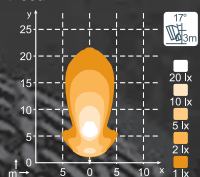
N200 Halogen Low Beam



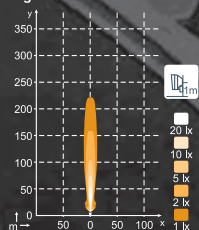
N200 Halogen Wide Flood



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

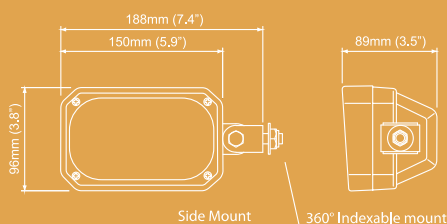


NORDIC N100 HALOGEN SERIES

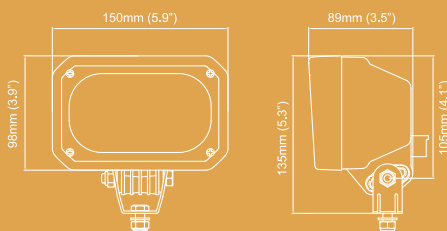
The Nordic N100 Halogen is suitable for locations requiring wide illumination. The lamp is available in Twin Power and Single Power configurations. The N100 Halogen features Extreme Heavy Duty Dampening and Heavy Duty Anti-Vibration Dampening configurations and has vertical, pendant or side mounting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

Drawings

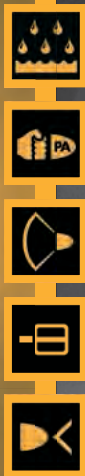
N100 S



N100 XD



Features



Salt Mist

Hardened Glass Combined with Polyamide Housing

Very Good Light Pattern for Work around the Application

Side Mounting Option

Compact



Light Weight

Twin Power

Heavy Duty Anti-Vibration Dampening

Optically Even Light Distribution

Dimmable



Suitable and Easy Fit for Many Applications

Twin Power Offering a Very Strong Wide Light Pattern

Rotate Light Unit for Pendant Mount

Multi Voltage

Suitable and Easy Fit for Many Applications

Connectors



Built-in AMP

Grommet



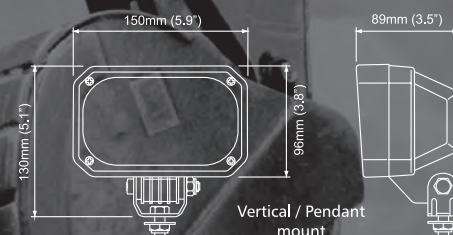
Built-in Deutsch 2-pin

Pigtail Deutsch 2-pin



Fly Leads

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.

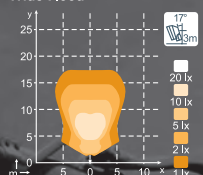


N100 HALOGEN XD

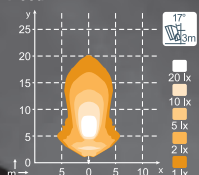
1400lm, Xtreme Dampening

Light Patterns

N100 Halogen SP
Wide Flood



N100 Halogen 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
		H3
Bulb:		H3
	12V	55W
	24V HD Bulb	65W
Power Consumption:	24V	70W
	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
		60G
Shock:	XD	
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

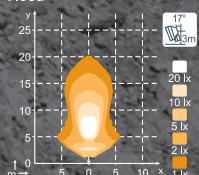
1400lm, Dampening

Light Patterns

N100 Halogen SP
Wide Flood



N100 Halogen 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
		H3
Bulb:		H3
	12V	55W
	24V HD Bulb	65W
Power Consumption:	24V	70W
	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
		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:		12 pce / Box

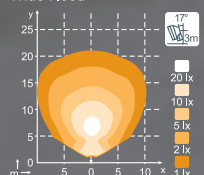


N100 HALOGEN D TP

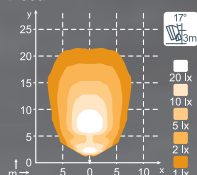
2800lm, Twin Power, Dampening

Light Patterns

N100 Halogen TP
Wide Flood



N100 Halogen 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
		H3
Bulb:		H3
		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
Mount:		Pigtail Deutsch 2-pin
		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

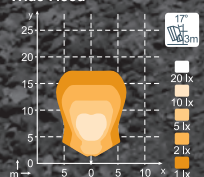


N100 HALOGEN

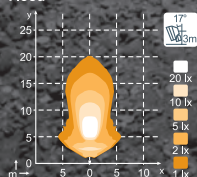
1400lm

Light Patterns

N100 Halogen SP
Wide Flood



N100 Halogen 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
		H3
Bulb:		H3
		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
Mount:		Pigtail Deutsch 2-pin
		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

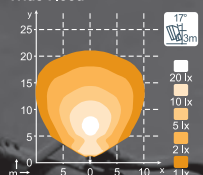


N100 HALOGEN TP

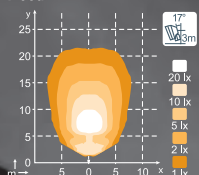
2800lm, Twin Power

Light Patterns

N100 Halogen F TP
Wide Flood



N100 Halogen F TP
Flood



N100 HALOGEN S

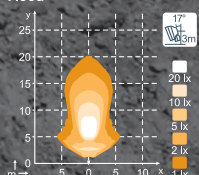
1400lm, Side mount

Light Patterns

N100 Halogen SP
Wide Flood



N100 Halogen SP
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
		H3
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
Mount:		Pigtail Deutsch 2-pin
		Single Bolt M10
		Single Bolt M8
		Hardened Glass
Lens:		Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		12 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
		H3
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
Mount:		Pigtail Deutsch 2-pin
		Single Bolt M10
		Single Bolt M8
		Hardened Glass
Lens:		Polyamide
Weight:		0.5kg
IP Rating:		IP67 (not Grommet)
Salt Mist:		ISO 9227 240H
Operating Temperatures:		-40°C... +85°C
Packing:		12 pce / Box



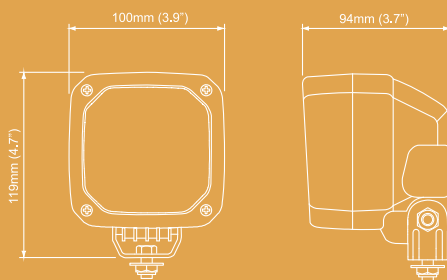
NORDIC N25 HALOGEN SERIES

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



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



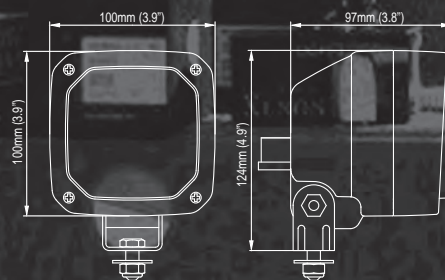
Fly Leads

Optional Lens Colours



Amber

N25 D I, N25 I



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

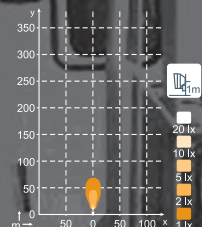


N25 HALOGEN D

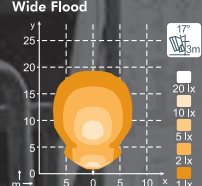
1400lm, Dampening

Light Patterns

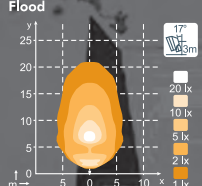
N25 Halogen Low Beam



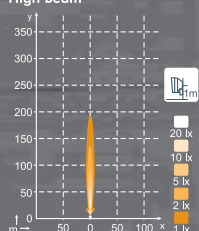
N25 Halogen Wide Flood



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

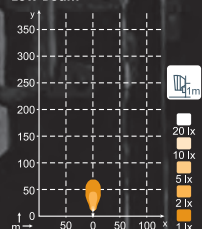


N25 HALOGEN

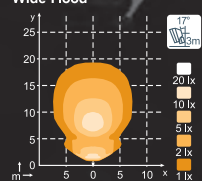
1400lm

Light Patterns

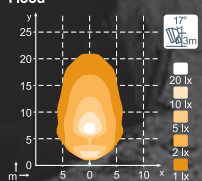
N25 Halogen Low Beam



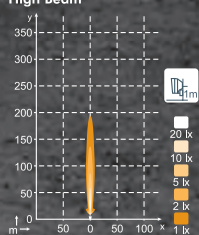
N25 Halogen Wide Flood



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
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

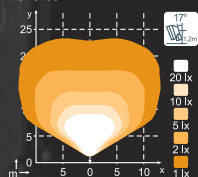


N25 HALOGEN D R

1400lm, Reverse, Dampening

Light Patterns

N25 Halogen
Reverse



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
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

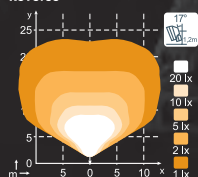


N25 HALOGEN R

1400lm, Reverse

Light Patterns

N25 Halogen
Reverse



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



Indicator, Dampening

Indicator, Dampening

Light Patterns

Specifications

[illegible]

Indicator

Indicator

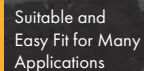
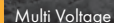
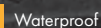
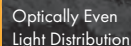
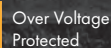
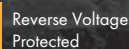
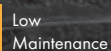
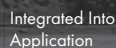
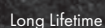
Light Patterns

Specifications

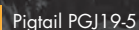
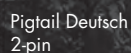
Approvals:	ECE
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Bulb:	12V 12V P21W (BA15s)
	24V 24V P21W (BA15s)
Nominal Current at:	24V 0.9A
	12V 1.8A
Connector:	Built-in AMP Built-in Deutsch 2-pin Pigtail Deutsch 2-pin
Mount:	Single Bolt M10 Single Bolt M8
Vibration:	5G 9-500Hz
Lens:	PC
Body:	Polyamide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

The Nordic KL13XX LED F work light is a compact Flushmount LED work lamp with the cooling 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.

KL1301, KL1302



Built-in Deutsch
2-pin



Technical drawings of the R500mm panel cut-out, showing side and top views with dimensions in mm and inches.

Side View Dimensions:

- Top flange width: 77mm (3.0")
- Top flange thickness: 11mm (0.4")
- Top flange offset: 56mm (2.2")
- Bottom flange thickness: 6mm (0.2")
- Panel thickness: 83mm (3.3")

Top View Dimensions:

- Overall width: 100mm (3.9")
- Overall height: 100mm (3.9")
- Inner width: 49mm (1.9")
- Inner height: 49mm (1.9")
- Radius: R8 (0.3")
- Corner radius: 24.5mm (0.18")

PANEL CUT-OUT Dimensions:

- Overall width: 92mm (3.6")
- Overall height: 92mm (3.6")
- Inner width: 49mm (1.9")
- Inner height: 49mm (1.9")
- Radius: R8 (0.3")
- Corner radius: 24.5mm (0.18")
- Panel cut-out label: R500mm (19.7")

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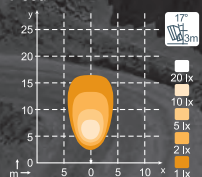


KL1301 LED F7°

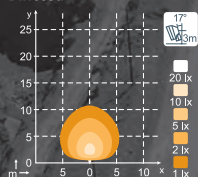
1000lm, Dimmable, Flushmount F7°

Light Patterns

KL1301, KL1303 1000lm
Flood



KL1301, KL1303 800lm
Diffused

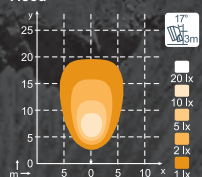


KL1302 LED F7°

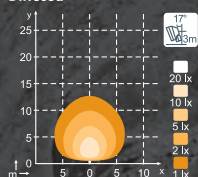
1500lm, Dimmable, Flushmount F7°

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
	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

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

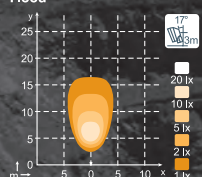


KL1303 LED F0°

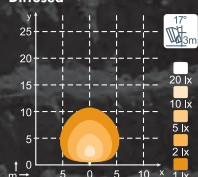
1000lm, Dimmable, Flushmount F0°

Light Patterns

KL1301, KL1303 1000lm
Flood



KL1301, KL1303 800lm
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
	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

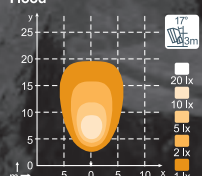


KL1304 LED F0°

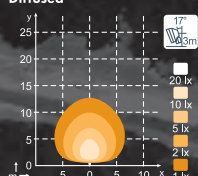
1500lm, Dimmable, Flushmount F0°

Light Patterns

KL1302, KL1304 1500lm
Flood



KL1302, KL1304 1200lm
Diffused



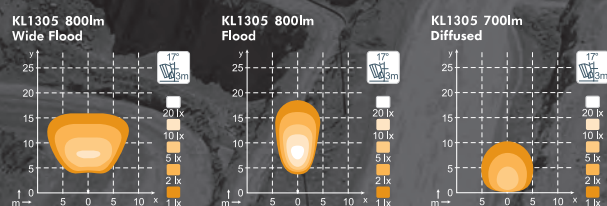
Specifications

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



Specifications

Light Patterns



Theoretical Lumens Output:	1300lm
Operational Lumens Output:	800lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Power Consumption:	20W
Nominal Current at:	24V 0.8A
	12V 1.7A
Electronics:	Integrated
Connector:	Built-in Deutsch 2-pin
Mount:	Integrated
Shock:	60G
Vibration:	15.3Grms 24-2000Hz
Lens:	PC
Body:	Aluminium
Weight:	0.5kg
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:	18 pce / Box



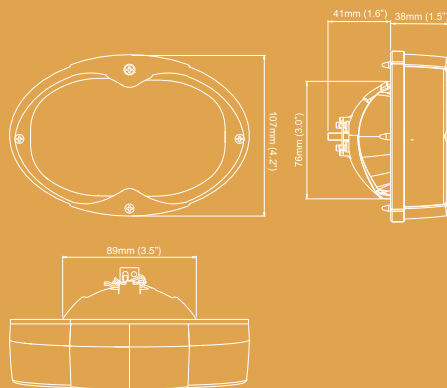
NORDIC N300 HALOGEN FLUSHMOUNT SERIES

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°



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



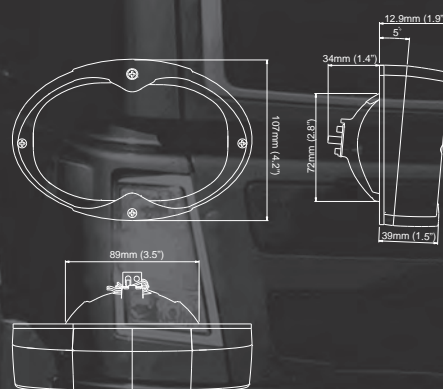
Very Good Light Pattern for Work around the Application

Connectors



AMP Terminal

N300 F5° TP, N300 F5°



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 F0°

1400lm, Flushmount F0°

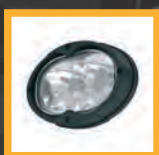
Light Patterns

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

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
		H3
Bulb:		H3
	12V	55W
	24V HD Bulb	65W
Power Consumption:	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

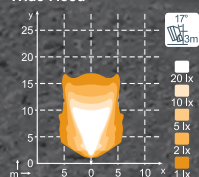


N300 HALOGEN F5° TP

2800lm, Twin Power, Flushmount F5°

Light Patterns

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
		H3
Bulb:		H3
	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





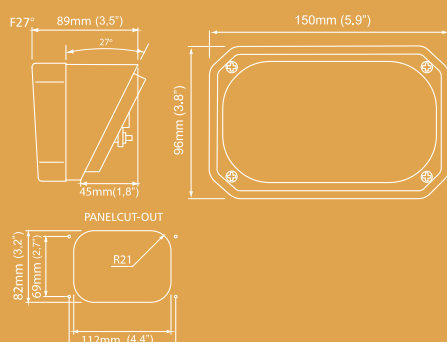
NORDIC N100 HALOGEN FLUSHMOUNT SERIES

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

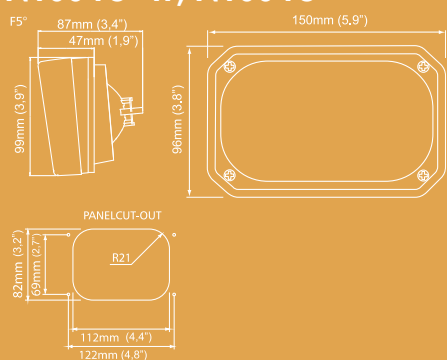
The N100 Halogen Flushmount is available in eight versions: F0°, F5°, FB5° (with a polyamide rear piece) and F27° angles with twin or single power configuration.

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



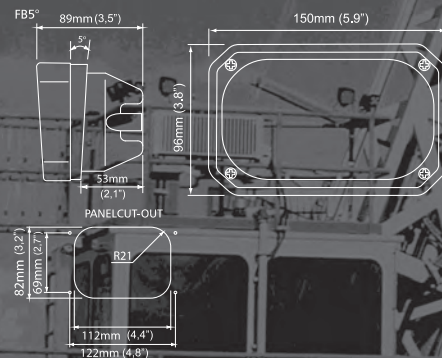
Integrated Into Application

Connectors

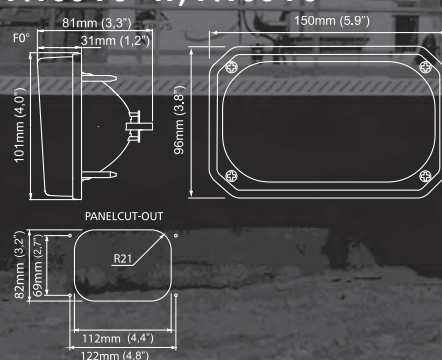


AMP Terminal

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

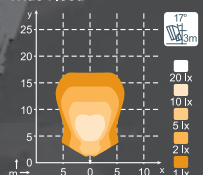


N100 HALOGEN F0°

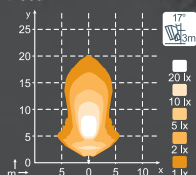
1400lm, Flushmount F0°

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

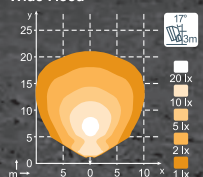


N100 HALOGEN F0° TP

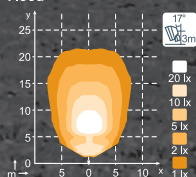
2800lm, Twin Power, Flushmount F0°

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

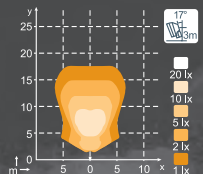


N100 HALOGEN F5°

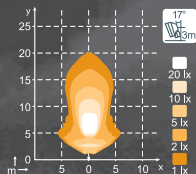
1400lm, Flushmount F5°

Light Patterns

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
		H3
Bulb:		H3
	12V	55W
	24V HD Bulb	65W
Power Consumption:	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

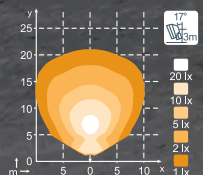


N100 HALOGEN F5° TP

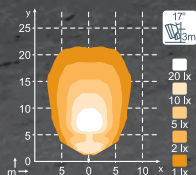
2800lm, Twin Power, Flushmount F5°

Light Patterns

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
		H3
Bulb:		H3
	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

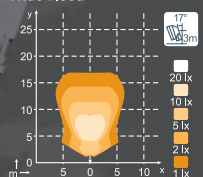


N100 HALOGEN FB5°

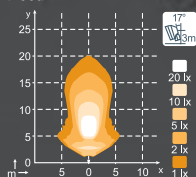
1400lm, Housing, Flushmount FB5°

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
		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

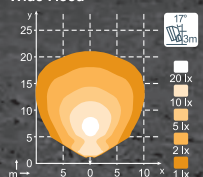


N100 HALOGEN FB5° TP

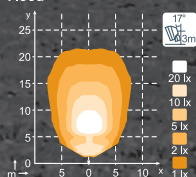
2800lm, Twin Power, Housing, Flushmount FB5°

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
		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

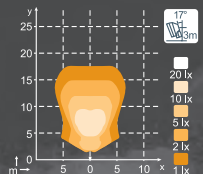


N100 HALOGEN F27°

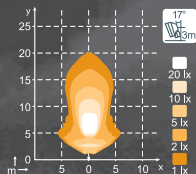
1400lm, Flushmount F27°

Light Patterns

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
		H3
Bulb:		H3
	12V	55W
	24V HD Bulb	65W
Power Consumption:	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

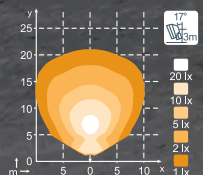


N100 HALOGEN F27° TP

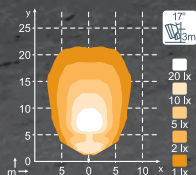
2800lm, Twin Power, Flushmount F27°

Light Patterns

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
		H3
Bulb:		H3
	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





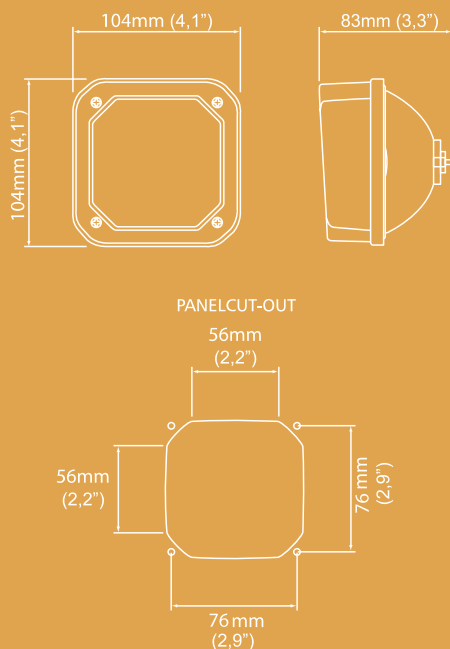
NORDIC N25 HALOGEN FLUSHMOUNT SERIES

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°



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

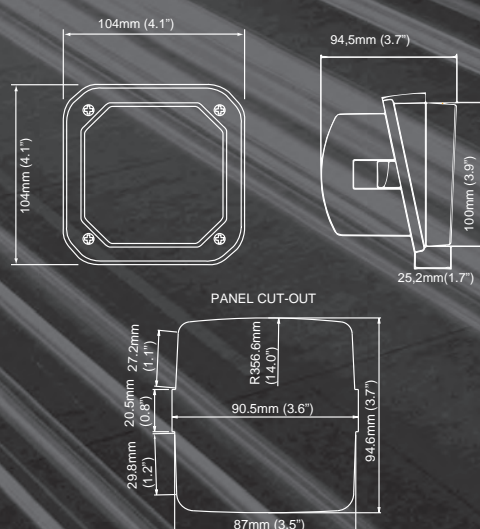


AMP Terminal



Pigtail Deutsch
2-pin

N25 FB12° SNAP-IN



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.

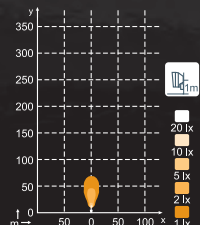


N25 HALOGEN F0°

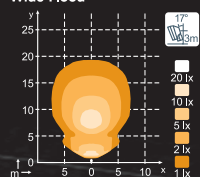
1400lm, Flushmount F0°

Light Patterns

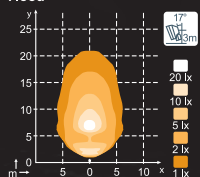
N25 Halogen F
Low Beam



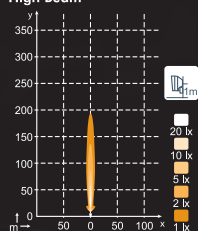
N25 Halogen F
Wide Flood



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
		Pigtail Deutsch 2-pin
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:		45 pce / Box

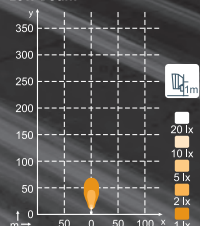


N25 HALOGEN FB12° SNAP-IN

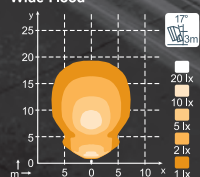
1400lm, Housing, Snap-In, Flushmount FB12°

Light Patterns

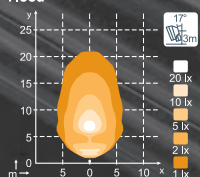
N25 Halogen F
Low Beam



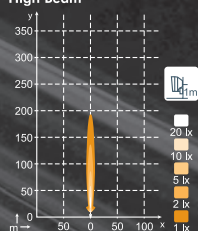
N25 Halogen F
Wide Flood



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
		Pigtail Deutsch 2-pin
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:		36 pce / Box



N25 HALOGEN F0° I

Indicator, Flushmount F0°

Light Patterns

Specifications

[illegible]

N25 HALOGEN FB12° | SNAP-IN

Indicator, Housing, Snap-In, Flushmount FB12°

Light Patterns

Specifications

Approvals:	ECE
Nominal / Input Voltage DC:	24V 16-32V
Bulb:	12V 8-16V 12V P21W (BA15s) 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

























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
	906-274B	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 Halogen Light Units	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

Notes

Warranty



For full details of warranty terms please refer to Herrmans Oy Ab NORDIC LIGHTS® General Terms and Conditions of Sale and Delivery 2016.



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

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

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

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