



NORDICLIGHTS 
AM USA

SPARE PARTS

FLUSHMOUNT
WORK LIGHTS

HALOGEN
WORK LIGHTS

HEAD LIGHTS

HID
WORK LIGHTS

KL-SERIES LED
WORK LIGHTS

LED
WORK LIGHTS

CORPORATE

Contents

Corporate

| | |
|--------------|---|
| Presentation | 3 |
|--------------|---|

Heavy Duty LED Work Lights

| | |
|----------------------------|----|
| Nordic GEMINI LED N47XX | 14 |
| Nordic CENTAURUS LED N46XX | 16 |
| Nordic SCORPIUS LED N44XX | 18 |
| Nordic ANTARES LED N33XX | 22 |
| Nordic VIRGO LED N31XX | 24 |
| Nordic SPICA LED N24XX | 26 |
| Nordic CANIS LED N20XX | 28 |
| Nordic CAPELLA LED N10 | 30 |
| Nordic PICTOR LED | 32 |
| Nordic TAURUS LED N72XX | 34 |
| Nordic DORADO LED N70 | 36 |

KL-Series LED Work Lights

| | |
|-------------------|----|
| Nordic KL10XX LED | 38 |
| Nordic KL11XX LED | 40 |

Heavy Duty HID (Xenon) Work Lights

| | |
|-----------------|----|
| Nordic N400 HID | 42 |
| Nordic N200 HID | 44 |
| Nordic N45 HID | 46 |

Head Lights

| | |
|---------------------------|----|
| Nordic SCULPTOR LED N60XX | 48 |
| Nordic N500 Series | 50 |

Heavy Duty Halogen Work Lights

| | |
|---------------------|----|
| Nordic N300 Halogen | 52 |
| Nordic N200 Halogen | 54 |
| Nordic N100 Halogen | 56 |
| Nordic N25 Halogen | 58 |

Flushmount Work Lights

| | |
|-------------------|----|
| Nordic KL13XX LED | 60 |
|-------------------|----|

Spare Parts

| | |
|-------------|----|
| Spare parts | 62 |
|-------------|----|

Abbreviations

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

NORDICLIGHTS



NORDIC LIGHTS® – the factory in Jakobstad, Finland

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, 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 light laboratory

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.

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 R&D and manufacturing are located at the same plant enhances levels of efficiency in terms of communication and development. 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 consistent level of quality ensures fewer stops in your production and fewer complaints/claims from your customers. If problems arise, we move swiftly. The durability of our lights also minimizes any unscheduled maintenance of your equipment.

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.

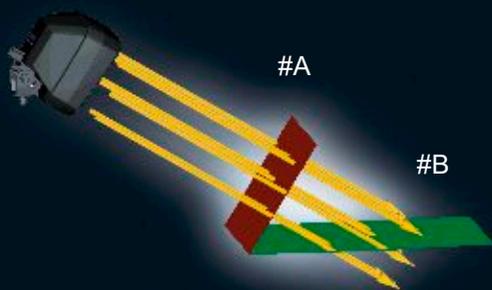
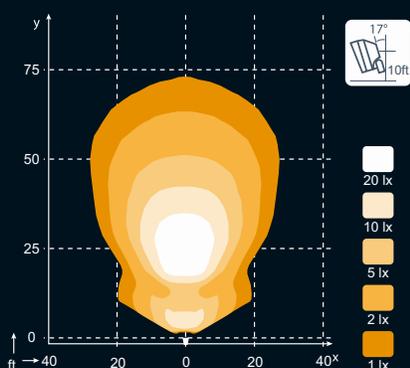


HID
1991 A.D.



High Power LED
1996 A.D.

N45 HID 35W Wide Flood



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.



Engineer adjusting work light during warm-up before test

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.

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.

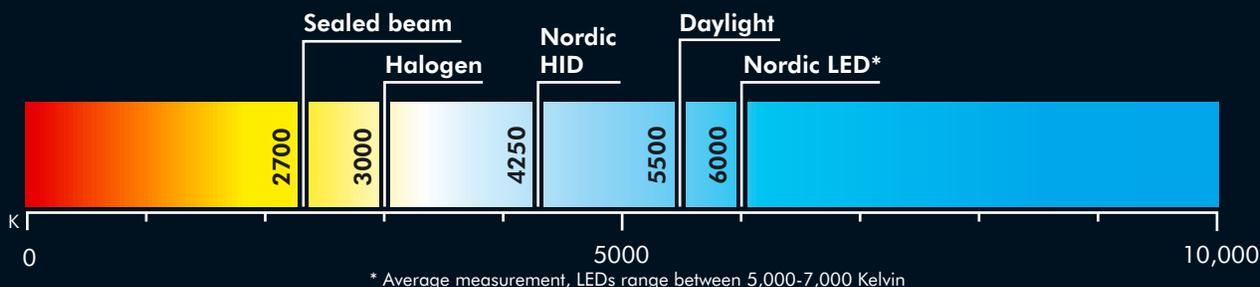
The extent of radio frequency interference emitted is tested in closed laboratories, i.e. emission radiated through the air measured by antennae and emission through cables measured with radio EMI receivers.

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

Color temperature in Kelvin



Lux 1 lux equals 1 lumen per square metre

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

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

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

LED Technology

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



Xenon - HID Technology

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



Halogen Technology

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



Development Process according to AIAG APQP

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



R&D Analysis Tools

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



Production

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



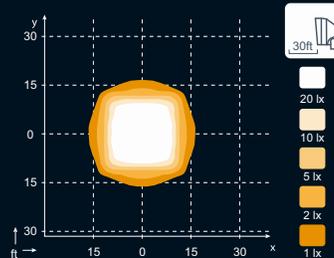
Different Light Patterns

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

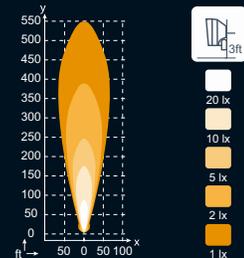
High Beam

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

High Beam projected on wall at 30ft



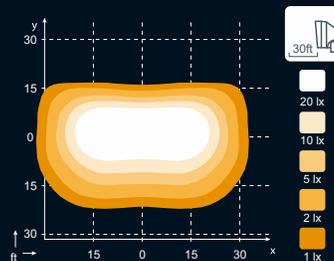
High Beam projected on surface #A



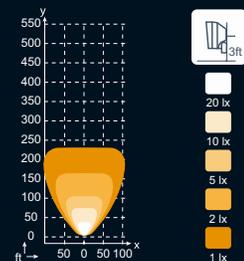
Low Beam

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 30ft



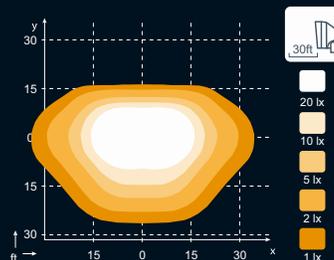
Low Beam projected on surface #A



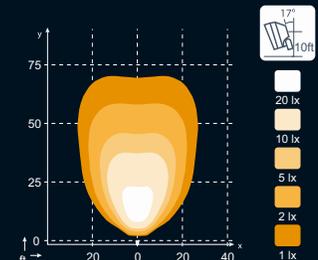
Wide Flood

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 30ft



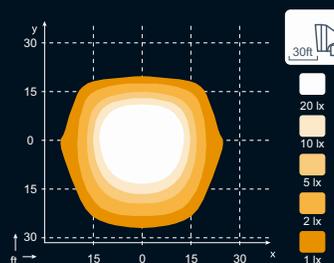
Wide Flood projected on surface #B



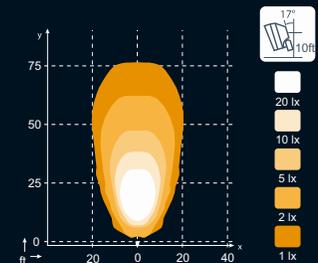
Flood

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

Flood projected on wall at 30ft



Flood projected on surface #B





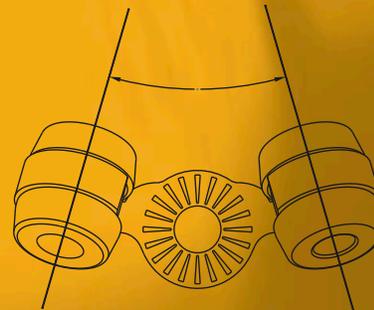
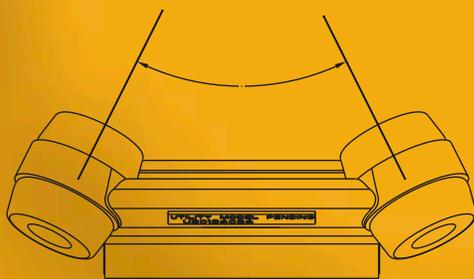
QUAKE DAMPENING

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

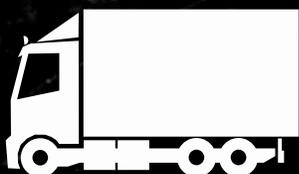
Latitude 64° 0' 42" Longitude 28° 36' 9"



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



Agricultural



Truck & Trailer
Emergency



Material Handling



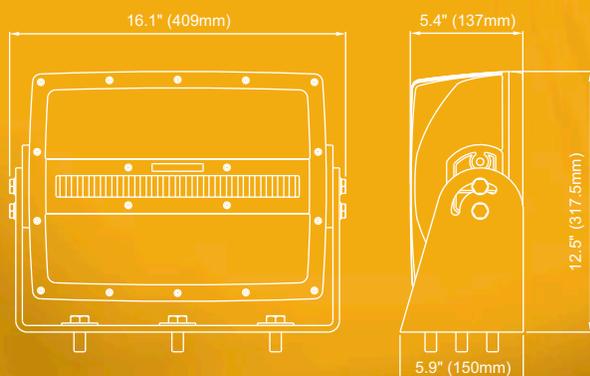
NORDIC GEMINI LED

The Nordic GEMINI LED work lamp offers a dazzling light output especially for heavy duty working environments.

The work lamp offers a impressive lighting solution both for mobile and stationary applications and is really the king of the hill. Available in three different lumens levels.

Drawings

N4701, N4702 and N4703



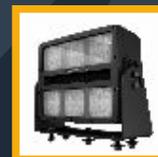
Versions



N4701
25200lm



N4702
18000lm



N4703
13800lm

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 Distribution of Light Pattern
- Strong Light Pattern
- Replaceable Lens
- High Light Output
- High Lumens/Watt Efficiency

Connectors

2 x Built-in Deutsch 2-pin



Specifications

| | N4701 | N4702 | N4703 |
|-----------------------------|----------------------------|---------|---------|
| Theoretical Lumens Output : | 40300lm | 28800lm | 22000lm |
| Operational Lumens Output : | 25200lm | 18000lm | 13800lm |
| Colour Temperature : | 5700K | 5700K | 5700K |
| Nominal Voltage DC : | 24V | • | • |
| Input Voltage Range DC : | 18-32V | • | • |
| Power Consumption : | 300W | 270W | 240W |
| Nominal Current at 24V : | 12.5A | 11.3A | 10A |
| Electronics : | Integrated | • | • |
| Connector : | 2 x Built-in Deutsch 2-pin | • | • |
| Mount : | 5 pcs Bolt M14x35 | • | • |
| Shock : | TBD | • | • |
| Vibration : | TBD | • | • |
| Lens : | PC | • | • |
| Body : | Aluminium | • | • |
| Weight : | 39.6lbs | • | • |
| IP Rating : | IP68 | • | • |
| | IP6K9K | • | • |
| | SAE J1455 | • | • |
| Salt Mist : | ISO 9227 240H | • | • |
| EMC : | ISO 13766 | • | • |
| | ISO 14982 | • | • |
| | ISO 7637-2 | • | • |
| | CISPR 25 Class 3 | • | • |
| Operating Temperatures : | -40°F ... +185°F | • | • |
| | (Overheat protected) | • | • |

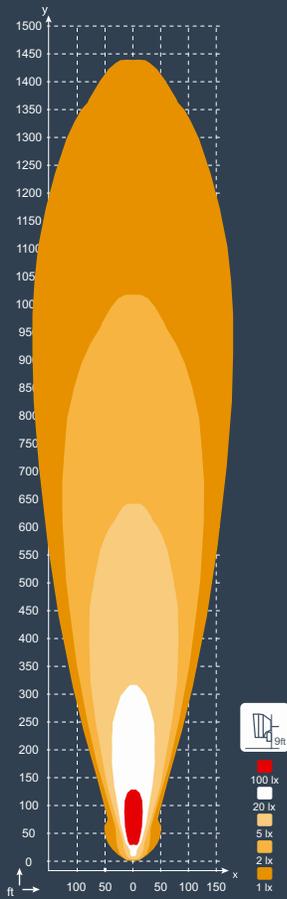
Not all products are available in all markets. During continuous improvement specifications and design are changing. Illustration does not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

Light Patterns

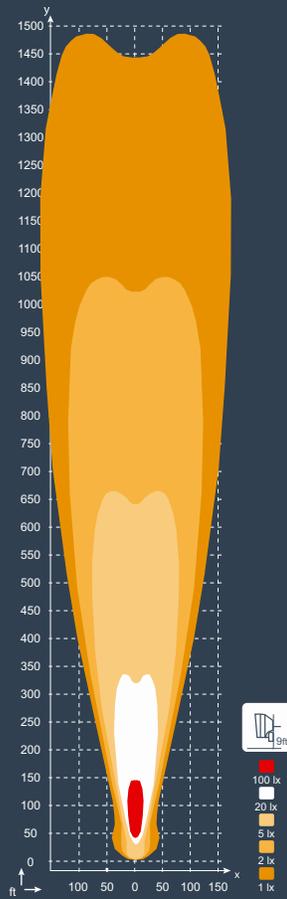
LIGHTS FOR HEAVY DUTY

LED WORK LIGHTS

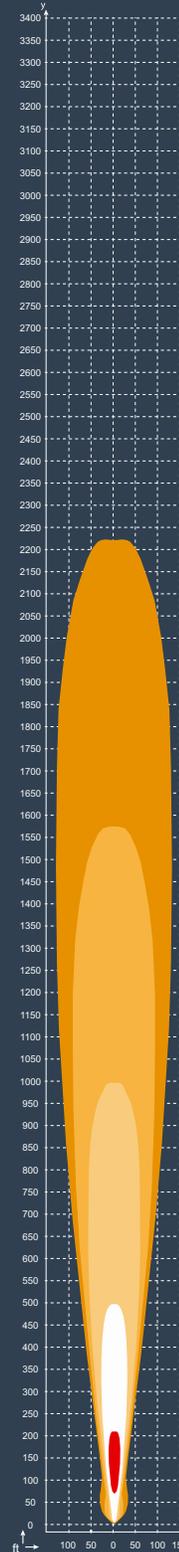
N4701 25200lm High Beam



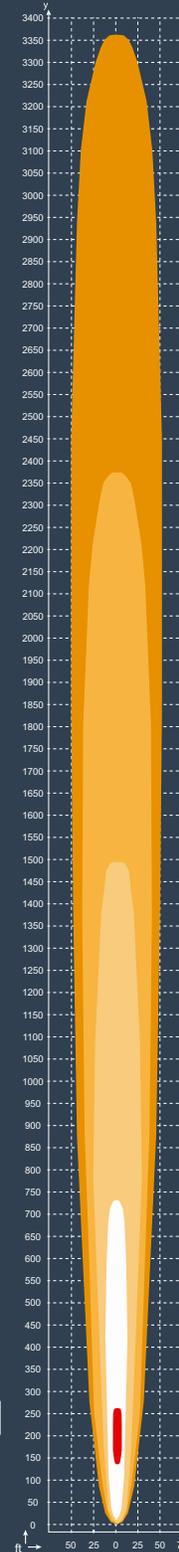
N4702 18000lm High Beam



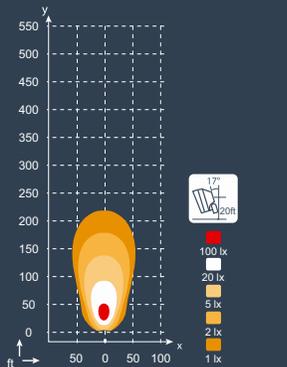
N4703 13800lm High Beam



N4703 13800lm Pencil Beam



N4701 25200lm Flood



N4702 18000lm Flood



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|-------|------|---------|------|---------------|-------------|----------|-----------|--------------|---------|
| 984-414U | N4701 | | 24V | 300W | HiBeam | BlInDeutsch | TT | Undamp | | 1 |
| 984-416U | N4701 | | 24V | 300W | Flood | BlInDeutsch | TT | Undamp | | 1 |
| 984-417U | N4702 | | 24V | 290W | Flood | BlInDeutsch | TT | Undamp | | 1 |
| 984-418U | N4702 | | 24V | 290W | HiBeam | BlInDeutsch | TT | Undamp | | 1 |
| 984-415U | N4703 | | 24V | 210W | PencilBeam | BlInDeutsch | TT | Undamp | | 1 |
| 984-419U | N4703 | | 24V | 210W | HiBeam | BlInDeutsch | TT | Undamp | | 1 |



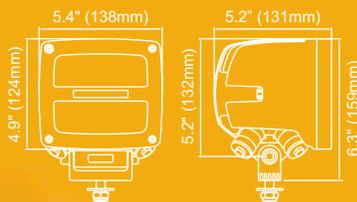
Quake Dampening N4601

NORDIC CENTAURUS LED

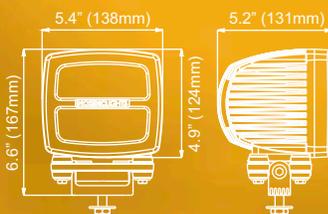
The Nordic CENTAURUS LED work lamp offers stunning illumination and is available with the revolutionizing QUAKE dampening system. The new QUAKE dampening system takes protection against vibration and shock to a whole new level never seen before. The CENTAURUS LED is available with two different lumens levels, with the N4601 equipped with QUAKE dampening and the N460 with Xtreme dampening.

Drawings

N4601 with QUAKE Dampening



N460 with Xtreme Dampening



Versions



N4601 7200lm
QUAKE
Dampening



N460 2700lm
Xtreme
Dampening

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 Distribution of Light Pattern
- Strong Light Pattern
- Different Lens Colour Versions Available
- Replaceable Lens
- High Light Output
- High Lumens/Watt Efficiency
- Quake Dampening N4601
- Extreme Heavy Duty Dampening N460

Connectors



Built-in Deutsch 2-pin

Specifications

| | N4601 QD | N460 XD |
|-----------------------------|------------------------|---------|
| Theoretical Lumens Output : | 11500lm | 4300lm |
| Operational Lumens Output : | 7200lm | 2700lm |
| Colour Temperature : | 5700K | 6000K |
| Nominal Voltage DC : | 24V | • |
| Input Voltage Range DC : | 18-32V | • |
| Power Consumption : | 85W | 60W |
| Nominal Current at 24V : | 3.5A | 2.5A |
| 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 : | 2.9kg | • |
| IP Rating : | IP68 | • |
| | IP6K9K | • |
| | SAE J1455 | • |
| Salt Mist : | ISO 9227 240H | • |
| EMC : | ISO 13766 | • |
| | ISO 14982 | • |
| | ISO 7637-2 | • |
| | CISPR 25 Class 3 | • |
| Operating Temperatures : | -40°C ... +85°C | • |
| | (Overheat protected) | • |

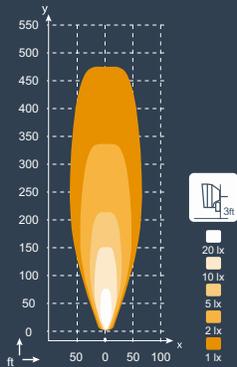
Not all products are available in all markets. During continuous improvement specifications and design are changing. Illustration does not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

**LIGHTS FOR
HEAVY DUTY**

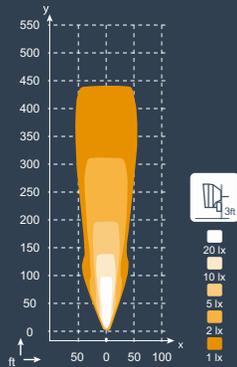
**LED
WORK LIGHTS**

Light Patterns

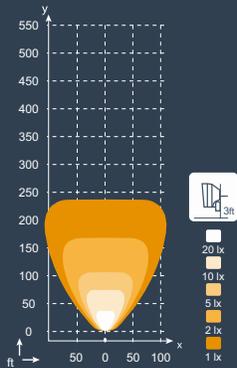
**N4601 QD 5700lm
High Beam**



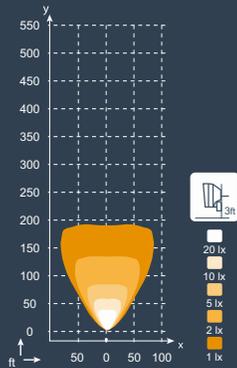
**Nordic N460 LED
High Beam**



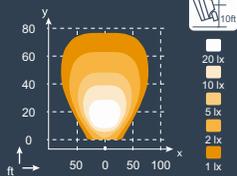
**N4601 QD 5700lm
Low Beam**



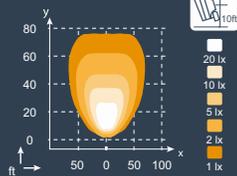
**Nordic N460 LED
Low Beam**



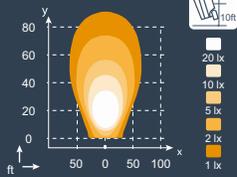
**N4601 QD 5700lm
Wide Flood**



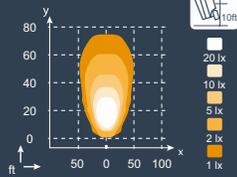
**Nordic N460 LED
Wide Flood**



**N4601 QD 5700lm
Flood**



**Nordic N460 LED
Flood**



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|------------|------|---------|-----------|---------------|------------|----------|-----------|--------------|---------|
| 986-105U | N4601 QD | 24V | 85W | WideFlood | BlInDeutsch | TT | Damp | | 6 | |
| 986-106U | N4601 QD | 24V | 85W | Flood | BlInDeutsch | TT | Damp | | 6 | |
| 986-107U | N4601 QD | 24V | 85W | LoBeam | BlInDeutsch | TT | Damp | | 6 | |
| 986-108U | N4601 QD | 24V | 85W | HiBeam | BlInDeutsch | TT | Damp | | 6 | |
| 986-005U | N460LED XD | 24V | 60W | WideFlood | BlInDeutsch | TT | Damp | | 6 | |
| 986-006U | N460LED XD | 24V | 60W | Flood | BlInDeutsch | TT | Damp | | 6 | |
| 986-007U | N460LED XD | 24V | 60W | LoBeam | BlInDeutsch | TT | Damp | | 6 | |
| 986-008U | N460LED XD | 24V | 60W | HiBeam | BlInDeutsch | TT | Damp | | 6 | |



Quake Dampening

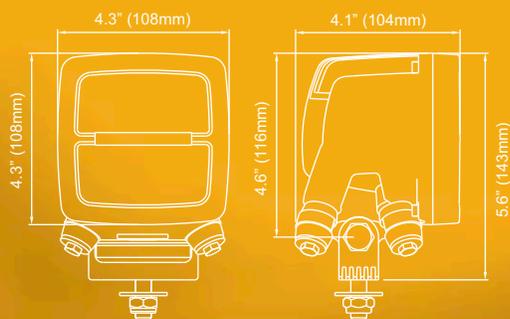
NORDIC SCORPIUS LED QUAKE EDITION

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

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

Drawings

N4401, N4403, N4405, N4407 with QUAKE Dampening



Versions



N4401
4200lm
QUAKE
Dampening



N4403
3000lm
QUAKE
Dampening



N4405
2100lm
QUAKE
Dampening



N4407
2300lm
QUAKE
Dampening

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 Distribution of Light Pattern
- Strong Light Pattern
- Replaceable Lens
- Compact
- High Light Output
- High Lumens/Watt Efficiency
- Multi Voltage
- Quake Dampening
- Dimmable

Connectors



Built-in Deutsch 2-pin

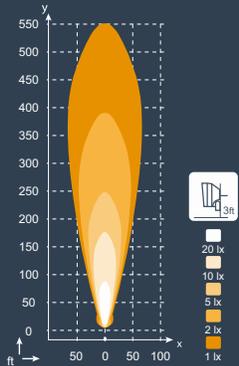
Specifications

| | N4401 QD | N4403 QD | N4405 QD | N4407 QD |
|-----------------------------|----------------------|----------|----------|----------|
| Theoretical Lumens Output : | 6700lm | 4800lm | 3400lm | 3700lm |
| Operational Lumens Output : | 4200lm | 3000lm | 2100lm | 2300lm |
| Colour Temperature : | 5700K | 5700K | 5700K | 5700K |
| Nominal Voltage DC : | 12-24V | • | • | • |
| Input Voltage Range DC : | 9-32V | • | • | • |
| Power Consumption : | 50W | 45W | 35W | 40W |
| Nominal Current at 12V : | 4.2A | 3.8A | 3.0A | 3.4A |
| 24V : | 2.1A | 1.9A | 1.5A | 1.7A |
| Electronics : | Integrated | • | • | • |
| Connector : | Built-in Deutsch | • | • | • |
| Mount : | Single Bolt M10 | • | • | • |
| Shock : | 60G | • | • | • |
| Vibration : | 20Grms 24-2000Hz | • | • | • |
| | 4.65 Grms 12-2000Hz | • | • | • |
| Lens : | PC | • | • | • |
| Body : | Aluminium | • | • | • |
| Weight : | 3.5lbs | • | • | • |
| IP Rating : | IP68 | • | • | • |
| | IP6K9K | • | • | • |
| | SAE J1455 | • | • | • |
| Salt Mist : | ISO 9227 240H | • | • | • |
| EMC : | ISO 13766 | • | • | • |
| | ISO 14982 | • | • | • |
| | ISO 7637-2 | • | • | • |
| | CISPR 25 Class 3 | • | • | • |
| Operating Temperatures : | -40°F ... +185°F | • | • | • |
| | (Overheat protected) | • | • | • |

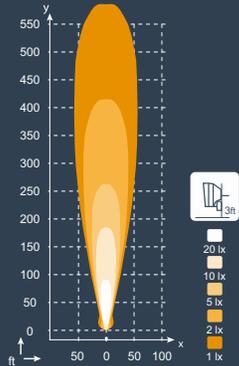
Not all products are available in all markets. During continuous improvement specifications and design are changing. Illustration does not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

Light Patterns

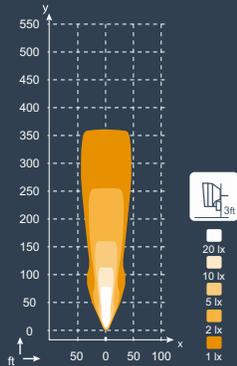
**N4401 QD, N4402 4200lm
High Beam**



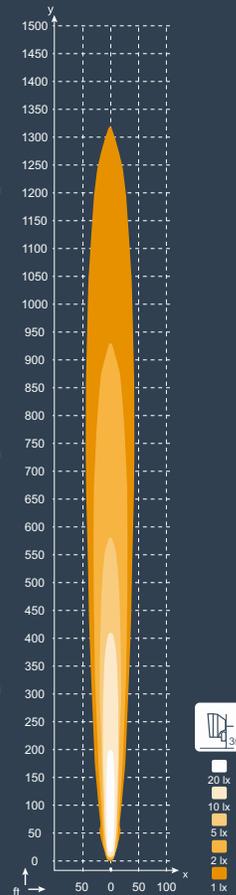
**N4403 QD, N4404 3000lm
High Beam**



**N4405 QD, N4406 2100lm
High Beam**



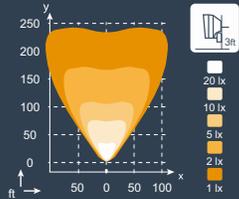
**N4407 QD, N4408
2300lm Pencil Beam**



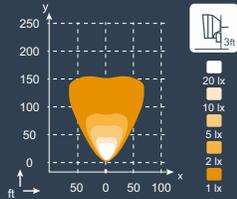
**N4401 QD, N4402 4200lm
Low Beam**



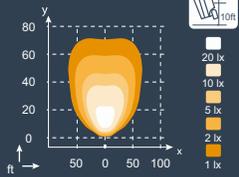
**N4403 QD, N4404 3000lm
Low Beam**



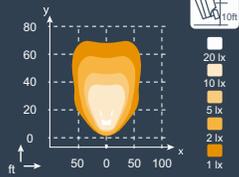
**N4405 QD, N4406 2100lm
Low Beam**



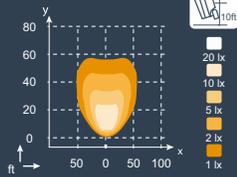
**N4401 QD, N4402 4200lm
Wide Flood**



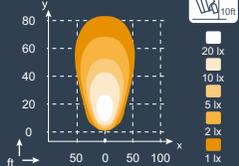
**N4403 QD, N4404 3000lm
Wide Flood**



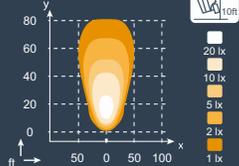
**N4405 QD, N4406 2100lm
Wide Flood**



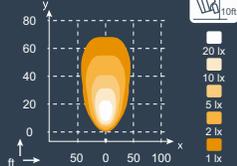
**N4401 QD, N4402 4200lm
Flood**



**N4403 QD, N4404 3000lm
Flood**



**N4405 QD, N4406 2100lm
Flood**



Products

| Part Nr | Model | Bulb Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|----------|--------------|------|---------------|--------------|----------|-----------|--------------|---------|
| 984-155U | N4401 QD | 12-24V | 50W | WideFlood | BltInDeutsch | TT | Damp | | 12 |
| 984-156U | N4401 QD | 12-24V | 50W | Flood | BltInDeutsch | TT | Damp | | 12 |
| 984-157U | N4401 QD | 12-24V | 50W | LoBeam | BltInDeutsch | TT | Damp | | 12 |
| 984-158U | N4401 QD | 12-24V | 50W | HiBeam | BltInDeutsch | TT | Damp | | 12 |
| 984-309U | N4403 QD | 12-24V | 45W | WideFlood | BltInDeutsch | TT | Damp | | 12 |
| 984-310U | N4403 QD | 12-24V | 45W | Flood | BltInDeutsch | TT | Damp | | 12 |
| 984-311U | N4403 QD | 12-24V | 45W | LoBeam | BltInDeutsch | TT | Damp | | 12 |
| 984-312U | N4403 QD | 12-24V | 45W | HiBeam | BltInDeutsch | TT | Damp | | 12 |
| 984-083U | N4405 QD | 12-24V | 35W | WideFlood | BltInDeutsch | TT | Damp | | 12 |
| 984-084U | N4405 QD | 12-24V | 35W | Flood | BltInDeutsch | TT | Damp | | 12 |
| 984-085U | N4405 QD | 12-24V | 35W | LoBeam | BltInDeutsch | TT | Damp | | 12 |
| 984-086U | N4405 QD | 12-24V | 35W | HiBeam | BltInDeutsch | TT | Damp | | 12 |
| 984-506U | N4407 QD | 12-24V | 40W | Pencil | BltInDeutsch | TT | Damp | | 12 |

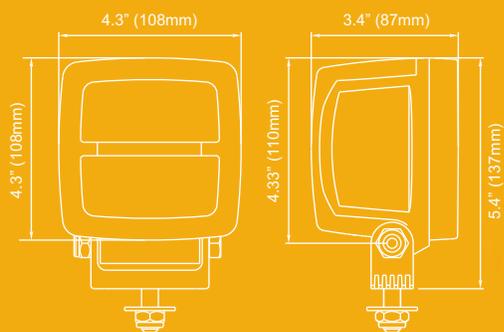


NORDIC SCORPIUS LED

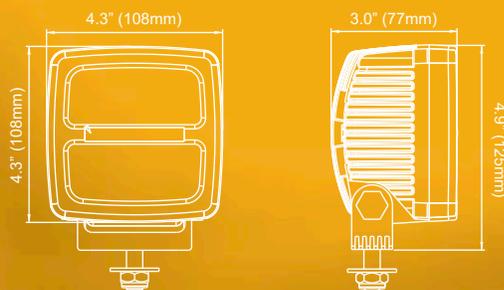
The Nordic SCORPIUS LED work lamp offers outstanding illumination. Available with several different lumens levels and features such as dimmable. Suitable for harsh conditions and a range of applications.

Drawings

N4402, N4404, N4406, N4408



N42



Versions



N4402
4200lm



N4404
3000lm



N4406
2100lm



N4408
2300lm



N42
1350lm

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 Distribution of Light Pattern
- Strong Light Pattern
- Replaceable Lens
- Compact
- High Light Output
- High Lumens/Watt Efficiency
- Multi Voltage
- Dimmable

Connectors



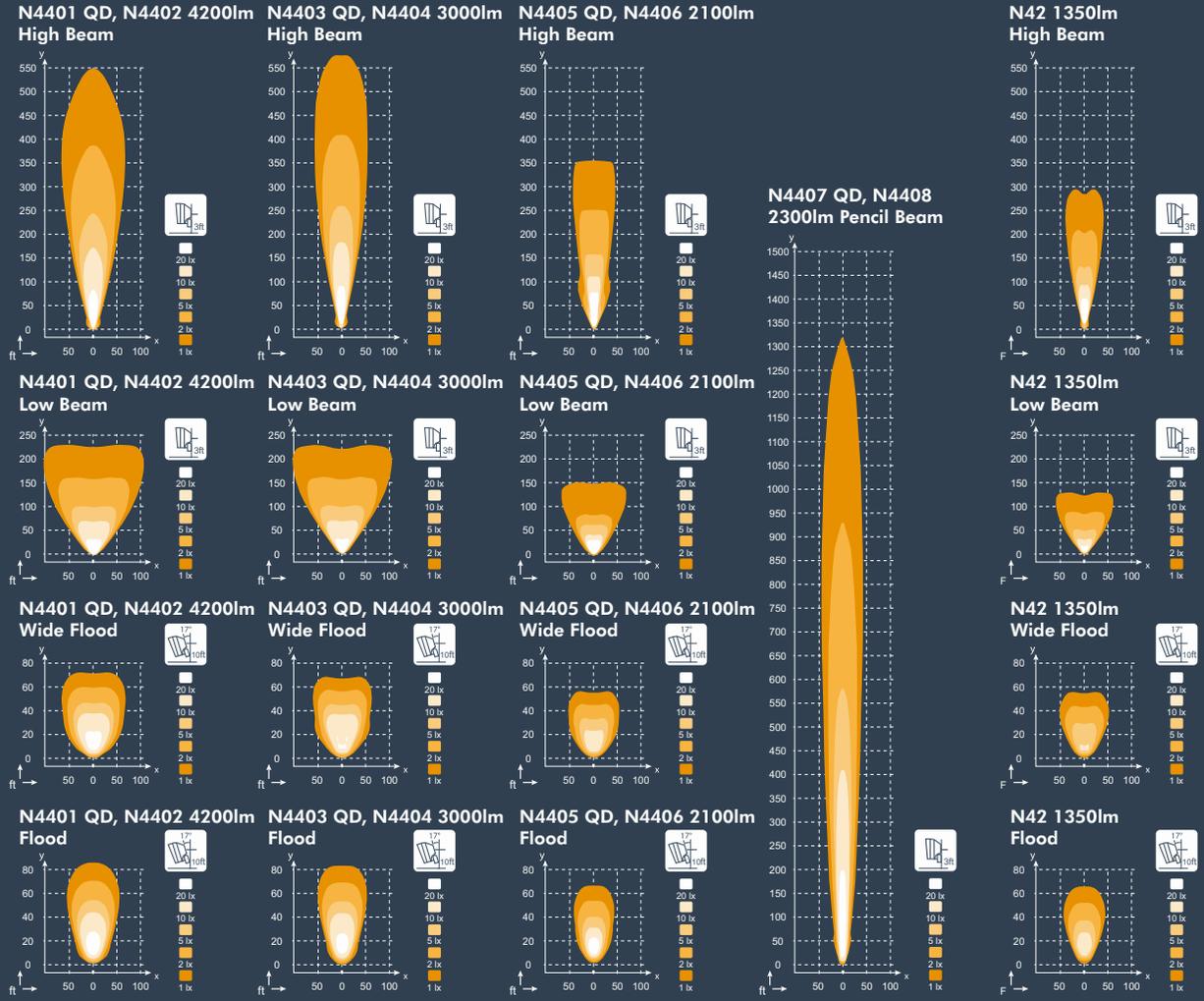
Built-in Deutsch 2-pin

Specifications

| | N4402 | N4404 | N4406 | N4408 | N42 |
|-----------------------------|----------------------|--------|--------|--------|--------|
| Theoretical Lumens Output : | 6700lm | 4800lm | 3400lm | 3700lm | 2200lm |
| Operational Lumens Output : | 4200lm | 3000lm | 2100lm | 2300lm | 1350lm |
| Colour Temperature : | 5700K | 5700K | 5700K | 5700K | 5700K |
| Nominal Voltage DC : | 12-24V | . | . | . | . |
| Input Voltage Range DC : | 9-32V | . | . | . | . |
| Power Consumption : | 50W | 45W | 35W | 40W | 25W |
| Nominal Current at 12V : | 4.2A | 3.8A | 3.0A | 3.4A | 2.0A |
| 24V : | 2.1A | 1.9A | 1.5A | 1.7A | 1.0A |
| Electronics : | Integrated | . | . | . | . |
| Connector : | Built-in Deutsch | . | . | . | . |
| Mount : | Single Bolt M10 | . | . | . | . |
| Shock : | 60G | . | . | . | . |
| Vibration : | 15.3 Grms 24-2000Hz | . | . | . | . |
| Lens : | PC | . | . | . | . |
| Body : | Aluminium | . | . | . | . |
| Weight : | 2.4lbs | 2.4lbs | 2.4lbs | 2.4lbs | 2.6lbs |
| IP Rating : | IP68 | . | . | . | . |
| | IP6K9K | . | . | . | . |
| | SAE J1455 | . | . | . | . |
| Salt Mist : | ISO 9227 240H | . | . | . | . |
| EMC : | ISO 13766 | . | . | . | . |
| | ISO 14982 | . | . | . | . |
| | ISO 7637-2 | . | . | . | . |
| | CISPR 25 Class 3 | . | . | . | . |
| Operating Temperatures : | -40°F ... +185°F | . | . | . | . |
| | (Overheat protected) | . | . | . | . |

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

Light Patterns



Products

| Part Nr | Model | Bulb Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|-------|--------------|------|---------------|-------------|----------|-----------|--------------|---------|
| 984-159U | N4402 | 12-24V | 50W | WideFlood | BlInDeutsch | TT | Undamp | | 12 |
| 984-160U | N4402 | 12-24V | 50W | Flood | BlInDeutsch | TT | Undamp | | 12 |
| 984-161U | N4402 | 12-24V | 50W | LoBeam | BlInDeutsch | TT | Undamp | | 12 |
| 984-162U | N4402 | 12-24V | 50W | HiBeam | BlInDeutsch | TT | Undamp | | 12 |
| 984-313U | N4404 | 12-24V | 45W | WideFlood | BlInDeutsch | TT | Undamp | | 12 |
| 984-314U | N4404 | 12-24V | 45W | Flood | BlInDeutsch | TT | Undamp | | 12 |
| 984-315U | N4404 | 12-24V | 45W | LoBeam | BlInDeutsch | TT | Undamp | | 12 |
| 984-316U | N4404 | 12-24V | 45W | HiBeam | BlInDeutsch | TT | Undamp | | 12 |
| 984-087U | N4406 | 12-24V | 35W | WideFlood | BlInDeutsch | TT | Undamp | | 12 |
| 984-088U | N4406 | 12-24V | 35W | Flood | BlInDeutsch | TT | Undamp | | 12 |
| 984-089U | N4406 | 12-24V | 35W | LoBeam | BlInDeutsch | TT | Undamp | | 12 |
| 984-090U | N4406 | 12-24V | 35W | HiBeam | BlInDeutsch | TT | Undamp | | 12 |
| 984-504U | N4408 | 12-24V | 40W | Pencil | BlInDeutsch | TT | Undamp | | 12 |
| 984-205U | N42 | 12-24V | 25W | WideFlood | BlInDeutsch | TT | Undamp | | 12 |
| 984-206U | N42 | 12-24V | 25W | Flood | BlInDeutsch | TT | Undamp | | 12 |
| 984-207U | N42 | 12-24V | 25W | LoBeam | BlInDeutsch | TT | Undamp | | 12 |
| 984-208U | N42 | 12-24V | 25W | HiBeam | BlInDeutsch | TT | Undamp | | 12 |

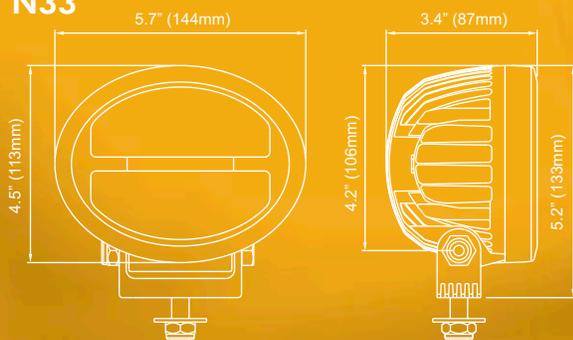


NORDIC ANTARES LED

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

Drawings

N33



Versions



N33
2100lm

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 Distribution of Light Pattern
- Strong Light Pattern
- High Lumens/Watt Efficiency
- Replaceable Lens
- Compact
- High Light Output
- Multi Voltage

Connectors



Built-in Deutsch 2-pin

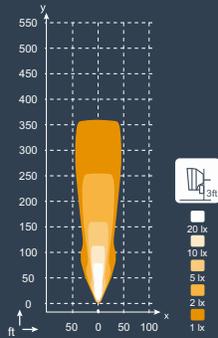
Specifications

| N33 | |
|-----------------------------|----------------------|
| Theoretical Lumens Output : | 3400lm |
| Operational Lumens Output : | 2100lm |
| Colour Temperature : | 5700K |
| Nominal Voltage DC : | 12-24V |
| Input Voltage Range DC : | 9-32V |
| Power Consumption : | 35W |
| Nominal Current at 12V : | 3.0A |
| 24V : | 1.5A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 60G |
| Vibration : | 15.3Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 3.3lbs |
| IP Rating : | IP68 |
| | IP6K9K |
| | SAE J1455 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766 |
| | ISO 14982 |
| | ISO 7637-2 |
| | CISPR 25 Class 3 |
| Operating Temperatures : | -40°F ... +185°F |
| | (Overheat protected) |

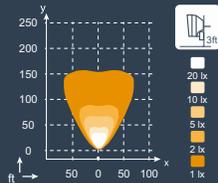
Not all products are available in all markets. During continuous improvement specifications and design are changing. Illustration does not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

Light Patterns

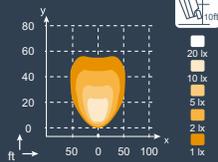
**N33 2100lm
High Beam**



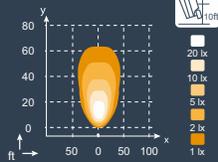
**N33 2100lm
Low Beam**



**N33 2100lm
Wide Flood**



**N33 2100lm
Flood**



Products

| Part Nr | Model | Bulb Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|-------|--------------|------|---------------|--------------|----------|-----------|--------------|---------|
| 985-314U | N33 | 12-24V | 35W | WideFlood | BltInDeutsch | TT | Undamp | | 12 |
| 985-315U | N33 | 12-24V | 35W | Flood | BltInDeutsch | TT | Undamp | | 12 |
| 985-316U | N33 | 12-24V | 35W | LoBeam | BltInDeutsch | TT | Undamp | | 12 |
| 985-317U | N33 | 12-24V | 35W | HiBeam | BltInDeutsch | TT | Undamp | | 12 |

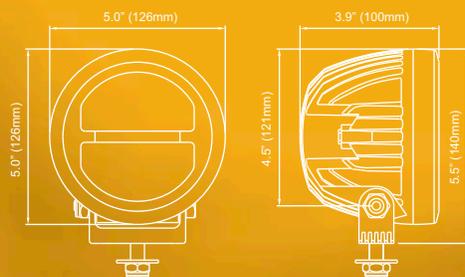


NORDIC VIRGO LED

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

Drawings

N31



Versions



N31
2100lm

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 Distribution of Light Pattern
- Strong Light Pattern
- Replaceable Lens
- Compact
- High Light Output
- Multi Voltage
- High Lumens/Watt Efficiency

Connectors



Built-in Deutsch 2-pin

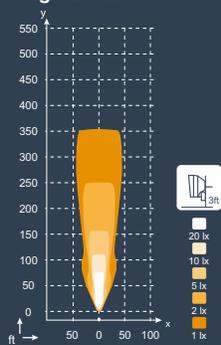
Specifications

| N31 | |
|-----------------------------|----------------------|
| Theoretical Lumens Output : | 3400lm |
| Operational Lumens Output : | 2100lm |
| Colour Temperature : | 5700K |
| Nominal Voltage DC : | 12-24V |
| Input Voltage Range DC : | 9-32V |
| Power Consumption : | 35W |
| Nominal Current at 12V : | 3.0A |
| 24V : | 1.5A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 60G |
| Vibration : | 15.3Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 3.5lbs |
| IP Rating : | IP68 |
| | IP6K9K |
| | SAE J1455 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766 |
| | ISO 14982 |
| | ISO 7637-2 |
| | CISPR 25 Class 3 |
| Operating Temperatures : | -40°F ... +185°F |
| | (Overheat protected) |

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

Light Patterns

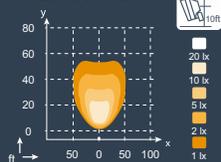
**N31 2100lm
High Beam**



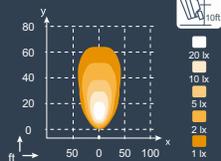
**N31 2100lm
Low Beam**



**N31 2100lm
Wide Flood**



**N31 2100lm
Flood**



Products

| Part Nr | Model | Bulb Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|-------|--------------|------|---------------|--------------|----------|-----------|--------------|---------|
| 985-114U | N31 | 12-24V | 35W | WideFlood | BltInDeutsch | TT | Undamp | | 12 |
| 985-115U | N31 | 12-24V | 35W | Flood | BltInDeutsch | TT | Undamp | | 12 |
| 985-116U | N31 | 12-24V | 35W | LoBeam | BltInDeutsch | TT | Undamp | | 12 |
| 985-117U | N31 | 12-24V | 35W | HiBeam | BltInDeutsch | TT | Undamp | | 12 |

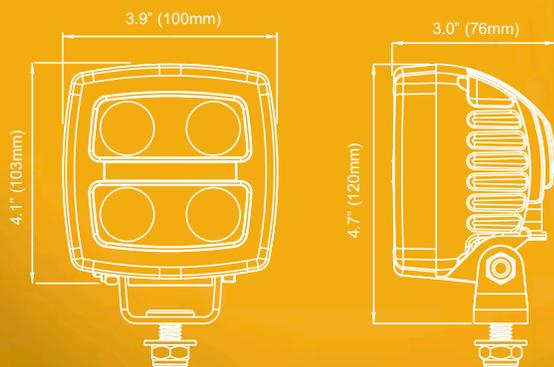


NORDIC SPICA LED

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 and N24 R



Versions



N2401
750lm
Dimmable



N26
700lm
Extensive
Multi
Voltage



N24
450lm
Reverse

Features

- Long Lifetime
- Low Maintenance
- Waterproof
- Heavy Duty Construction
- Reverse Voltage Protected
- EMC
- Load Dump Protected
- Overheat Protected
- Salt Mist
- Optically Even Distribution of Light Pattern
- Low Power Consumption
- Compact
- Multi Voltage
- Dimmable
- Available as Reverse Light

Connectors



Built-in Deutsch 2-pin

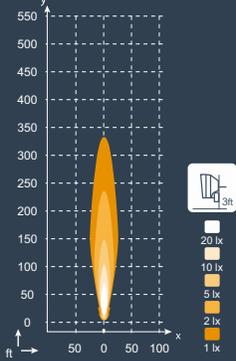
Specifications

| | N2401 | N26 | N24 R |
|------------------------------------|-----------------------|------------------|---------|
| Approval : | | | ECE R23 |
| Theoretical Lumens Output : | 1200lm | 1100lm | 700lm |
| Operational Lumens Output : | 750lm | 700lm | 450lm |
| Colour Temperature : | 5700K | 5700K | 5000K |
| Nominal Voltage DC : | 12-24V | 12-80V | 12-24V |
| Input Voltage Range DC : | 9-32V | 9-110V | 9-32V |
| Power Consumption : | 24W | 17W | 15W |
| Nominal Current at | | | |
| 12V : | 2.0A | 1.4A | 1.2A |
| 24V : | 1.0A | 0.7A | 0.6A |
| 48V : | | 0.35A | |
| 80V : | | 0.21A | |
| Electronics : | Integrated / Isolated | • | • |
| Connector : | Built-in Deutsch | • | • |
| Mount : | Single Bolt M8 or M10 | • | • |
| Shock : | 60G | • | • |
| Vibration : | 8Grms 24-2000Hz | • | • |
| Lens : | PC | • | • |
| Body : | Aluminium | • | • |
| Weight : | 2lbs | • | • |
| IP Rating : | IP68 | • | • |
| | IP6K9K | • | • |
| | SAE J1455 | • | • |
| Salt Mist : | ISO 9227 240H | • | • |
| EMC : | ISO 13766 | • | • |
| | ISO 14982 | • | • |
| | ISO 7637-2 | • | • |
| | EN 12895 | • | • |
| | CISPR 25 Class 5 | CISPR 25 Class 3 | |
| | | | R10 |
| Operating Temperatures : | -40°F ... +185°F | • | • |
| | (Overheat protected) | • | • |

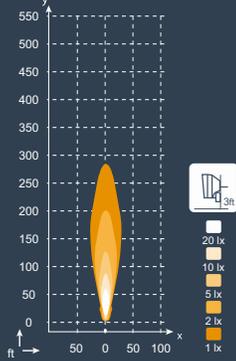
Not all products are available in all markets. During continuous improvement specifications and design are changing. Illustration does not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

Light Patterns

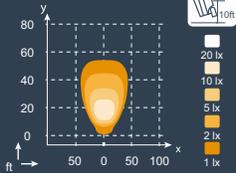
**N2401 750lm
High Beam**



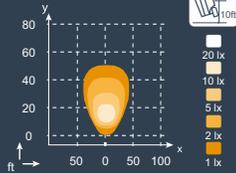
**N26 700lm
High Beam**



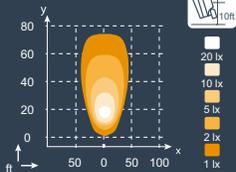
**N2401 750lm
Wide Flood**



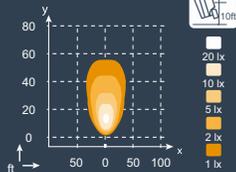
**N26 700lm
Wide Flood**



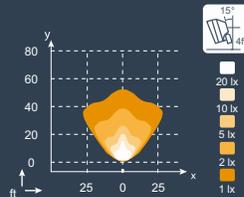
**N2401 750lm
Flood**



**N26 700lm
Flood**



N24 R



Products

| Part Nr | Model | Bulb Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|-------|--------------|------|---------------|-------------|----------|-----------|--------------|---------|
| 981-210U | N26 | 12-80V | 17W | WideFlood | BlInDeutsch | TT | Undamp | | 12 |
| 981-211U | N26 | 12-80V | 17W | Flood | BlInDeutsch | TT | Undamp | | 12 |
| 981-212U | N26 | 12-80V | 17W | HiBeam | BlInDeutsch | TT | Undamp | | 12 |
| 981-304U | N2401 | 12-24V | 24W | WideFlood | BlInDeutsch | TT | Undamp | | 12 |
| 981-305U | N2401 | 12-24V | 24W | Flood | BlInDeutsch | TT | Undamp | | 12 |
| 981-306U | N2401 | 12-24V | 24W | HiBeam | BlInDeutsch | TT | Undamp | | 12 |
| 981-125U | N24 R | 12-24V | 15W | Reverse | BlInDeutsch | TT | Undamp | | 12 |

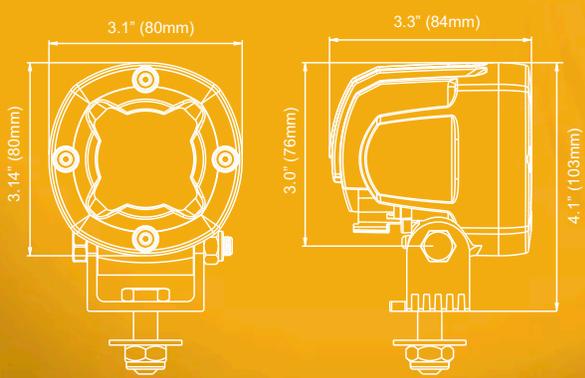


NORDIC CANIS LED

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.

Drawings

N2001



Versions

N2001 850lm



Features

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

Connectors

Built-in Deutsch



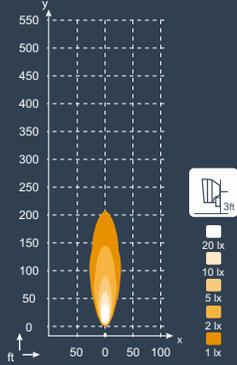
Specifications

| | N2001 |
|-----------------------------|-----------------------|
| Theoretical Lumens Output : | 1600lm |
| Operational Lumens Output : | 1000lm |
| Colour Temperature : | 5700K |
| Nominal Voltage DC : | 12-48V |
| Input Voltage Range DC : | 9-68V |
| Power Consumption : | 13W |
| Nominal Current at 12V : | 1.0A |
| 24V : | 0.5A |
| 48V : | 0.25A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M8 or M10 |
| Shock : | 60G |
| Vibration : | 8Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 1.3lbs |
| IP Rating : | IP68 |
| | IP6K9K |
| | SAE J1455 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766 |
| | ISO 14982 |
| | ISO 7637-2 |
| | EN12895 |
| | CISPR 25 Class 3 |
| Operating Temperatures : | -40°F ... +185°F |
| | (Overheat protected) |

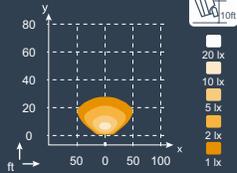
Not all products are available in all markets. During continuous improvement specifications and design are changing. Illustration does not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

Light Patterns

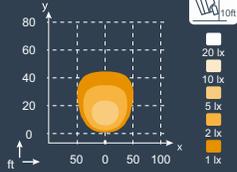
**N2001 1000lm
High Beam**



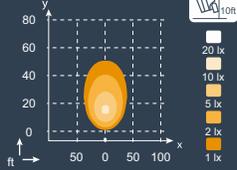
**N2001 1000lm
Super Wide**



**N2001 1000lm
Wide Flood**



**N2001 1000lm
Flood**



Products

| Part Nr | Model | Bulb Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|-------|--------------|------|---------------|-------------|----------|-----------|--------------|---------|
| 980-105U | N2001 | 12-48V | 13W | WideFlood | BlInDeutsch | TT | Undamp | | 24 |
| 980-106U | N2001 | 12-48V | 13W | Flood | BlInDeutsch | TT | Undamp | | 24 |
| 980-107U | N2001 | 12-48V | 13W | HiBeam | BlInDeutsch | TT | Undamp | | 24 |
| 980-108U | N2001 | 12-48V | 13W | SuperWide | BlInDeutsch | TT | Undamp | | 24 |



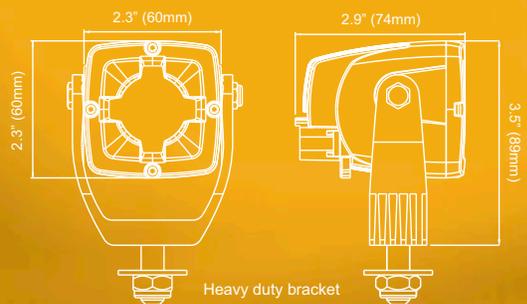
Stronger Heavy Duty Bracket on B version

NORDIC CAPELLA LED

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



Versions



N10 B 350lm
Stronger Heavy Duty Bracket

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 Distribution of Light Pattern
-  Ultra Compact
-  Multi Voltage
-  Low Power Consumption
-  Light Weight
-  Modern Design

Connectors



Built-in Deutsch 2-pin

Specifications

| | N10 B |
|-----------------------------|----------------------|
| Theoretical Lumens Output : | 550lm |
| Operational Lumens Output : | 350lm |
| Colour Temperature : | 6000K |
| Nominal Voltage DC : | 12-48V |
| Input Voltage Range DC : | 9-68V |
| Power Consumption : | 6W |
| Nominal Current at 12V : | 0.5A |
| 24V : | 0.25A |
| 48V : | 0.13A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 60G |
| Vibration : | 15.3Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 0.7lbs |
| IP Rating : | IP68 |
| | IP6K9K |
| | SAE J1455 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766 |
| | ISO 14982 |
| | ISO 7637-2 |
| | EN12895 |
| | CISPR 25 Class 3 |
| Operating Temperatures : | -40°F ... +185°F |
| | (Overheat protected) |

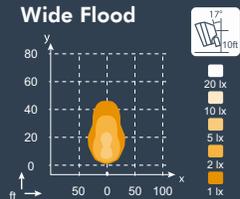
Not all products are available in all markets. During continuous improvement specifications and design are changing. Illustration does not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

**LIGHTS FOR
HEAVY DUTY**

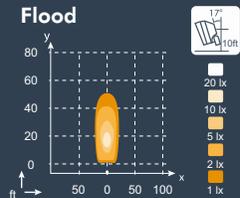
**LED
WORK LIGHTS**

Light Patterns

**N10 B and N10 350lm
Wide Flood**



**N10 B and N10 350lm
Flood**



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|-----------|--------|---------|-----------|---------------|------------|----------|-----------|--------------|---------|
| 980-009U | N10LED HD | 12-48V | 6W | WideFlood | BlInDeutsch | TT | Undamp | | 12 | |
| 980-010U | N10LED HD | 12-48V | 6W | Flood | BlInDeutsch | TT | Undamp | | 12 | |



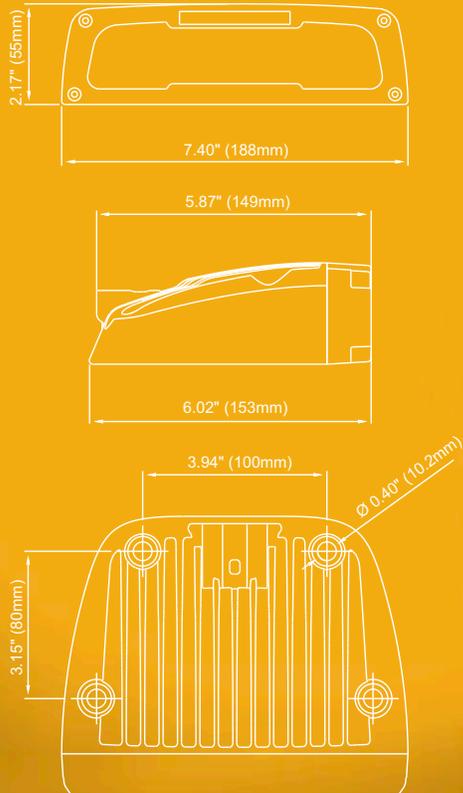
NORDIC PICTOR LED

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



Versions

N7301 2600lm



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 Distribution of Light Pattern | | Replaceable Lens |
| | Compact | | High Lumens/Watt Efficiency | | Multi Voltage |

Connectors



Built-in Deutsch 2-pin

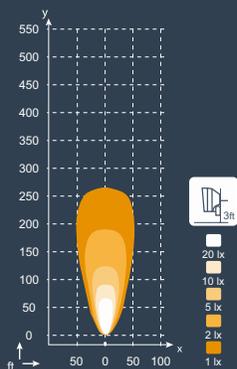
Specifications

| N7301 | |
|-----------------------------|--------------------------------|
| Theoretical Lumens Output : | 4100lm |
| Operational Lumens Output : | 2600lm |
| Colour Temperature : | 5700K |
| Nominal Voltage DC : | 12-24V |
| Input Voltage Range DC : | 9-32V |
| Power Consumption : | 32W |
| Nominal Current at 12V : | 2.7A |
| 24V : | 1.3A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch 2-pin |
| Mount : | 4 pcs M8 or M10 (not supplied) |
| Shock : | 60G |
| Vibration : | 15.3 Grms 24-2000 Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 3.5lbs |
| IP Rating : | IP68 |
| | IP6K9K |
| | SAE J1455 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766 |
| | ISO 14982 |
| | ISO 7637-2 |
| | CISPR 25 Class 3 |
| Operating Temperatures : | -40°F ... +185°F |
| | (Overheat protected) |

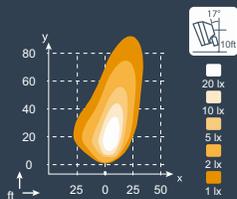
Not all products are available in all markets. During continuous improvement specifications and design are changing. Illustration does not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

Light Patterns

**N7301 2600lm
Flood**



**N7301 2600lm
Flood Side Mounted**



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|-------|------|---------|------|---------------|-------------|----------|-----------|--------------|---------|
| 987-104U | N7301 | | 12-24V | 32W | Flood US | BlInDeutsch | TD | Undamp | | 10 |
| 987-105U | N7301 | | 12-24V | 32W | Flood DS | BlInDeutsch | TT | Undamp | | 10 |



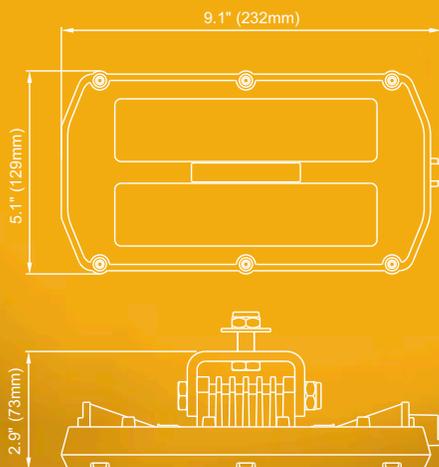
NORDIC TAURUS LED

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



Versions

N7201 1950lm



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 Distribution of Light Pattern
- Multi Voltage

Connectors

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

Specifications

| | N7201 |
|-----------------------------|--|
| Theoretical Lumens Output : | 3100lm |
| Operational Lumens Output : | 1950lm |
| Colour Temperature : | 5300K |
| Nominal Voltage DC : | 12-24V |
| Input Voltage Range DC : | 9-32V |
| Power Consumption : | 30W |
| Nominal Current at 12V : | 2.5A |
| 24V : | 1.25A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch 2-pin (left or right) |
| Mount : | Single Bolt M10 |
| Shock : | 60G |
| Vibration : | 15.3Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 2.9lbs |
| IP Rating : | IP68 |
| | IP6K9K |
| | SAE J1455 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766 |
| | ISO 14982 |
| | ISO 7637-2 |
| | CISPR 25 Class 3 |
| Operating Temperatures : | -40°F ... +185°F |
| | (Overheat protected) |

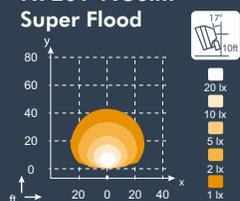
Not all products are available in all markets. During continuous improvement specifications and design are changing. Illustration does not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

**LIGHTS FOR
HEAVY DUTY**

**LED
WORK LIGHTS**

Light Patterns

**N7201 1950lm
Super Flood**



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|-------|------|---------|------|---------------|-------------|----------|-----------|---|---------|
| 987-005U | N7201 | | 12-24V | 30W | SuperFlood | BlInDeutsch | TT | Undamp |  | 10 |

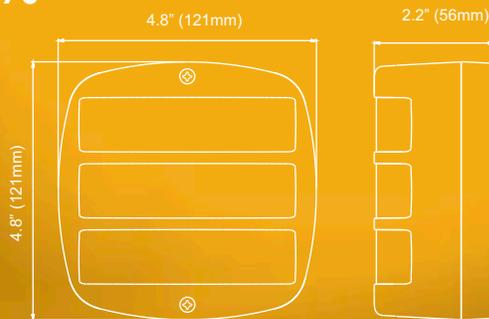


NORDIC DORADO LED

The Nordic DORADO LED tail light is designed for continuous heavy duty applications on heavy duty machines where incandescent tail lights will fail due to high vibration and shock. The DORADO LED features Tail, Stop and Indicator light.

Drawings

N70



Versions

N70



Features

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

Connectors

4 pin Male Terminal 6.3 x 0.8



Specifications

| N70 | | |
|--------------------------|---------------------------------|----------------|
| Approval : | ECE E4 6R & 7R | |
| Nominal Voltage DC : | 12 or 24V | |
| Input Voltage Range DC : | 8-16 or 18-32V | |
| Power Consumption : | Tail 0.4W | |
| | Brake 1.4W | |
| | Indicator 1.4W | |
| Nominal Current at 12V : | Tail 34mA | |
| | Brake 116mA | |
| | Indicator 116mA | |
| | 24V : | Tail 17mA |
| | | Brake 58mA |
| | | Indicator 58mA |
| 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 : | 0.9lbs | |
| IP Rating : | IP68 | |
| Salt Mist : | ISO 9227 240H | |
| EMC : | ISO 13766 | |
| | ISO 14982 | |
| | ISO 7637-2 | |
| | EN12895 | |
| Operating Temperatures : | -40°F ... +185°F | |
| | (Overheat protected) | |

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

**Off-Road
ONLY**

**LED
WORK LIGHTS**

Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|--------|------|---------|------|---------------|--------------|------------|-----------|---|---------|
| 983-005U | N70LED | 12V | Max 3W | | | MaleTerminal | M6x25 2pce | Undamp |  | 12 |
| 983-007U | N70LED | 24V | Max 3W | | | MaleTerminal | M6x25 2pce | Undamp |  | 12 |

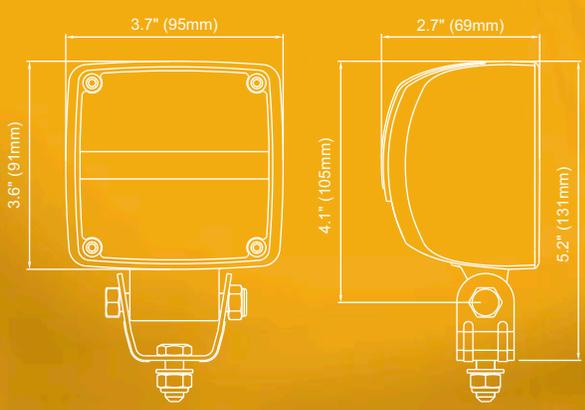


NORDIC KL10XX LED

The Nordic KL10XX LED work light is an affordable upgrade for your lighting needs available with two different lumens levels. 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 and KL1002



Versions



KL1001
1000lm



KL1002
1500lm

Features

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

Connectors



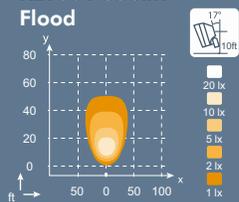
Specifications

| | KL1001 | KL1002 |
|------------------------------------|-----------------------|--------|
| Theoretical Lumens Output : | 1600lm | 2400lm |
| Operational Lumens Output : | 1000lm | 1500lm |
| Colour Temperature : | 5700K | 5700K |
| Nominal Voltage DC : | 12-24V | • |
| Input Voltage Range DC : | 9-32V | • |
| Power Consumption : | 24W | 24W |
| Nominal Current at 12V : | 2.0A | 2.0A |
| 24V : | 1.0A | 1.0A |
| Electronics : | Integrated / Isolated | • |
| Connector : | Fly Leads | • |
| Mount : | Single Bolt M8 | • |
| Lens : | PC | • |
| Body : | Aluminium | • |
| Weight : | 1.5lbs | • |
| IP Rating : | IP68 | • |
| | IP6K9K | • |
| | SAE J1455 | • |
| EMC : | ISO 13766 | • |
| | ISO 14982 | • |
| | ISO 7637-2 | • |
| | EN12895 | • |
| | CISPR 25 Class 5 | • |
| Operating Temperatures : | -40°F ... +185°F | • |
| | (Overheat protected) | • |

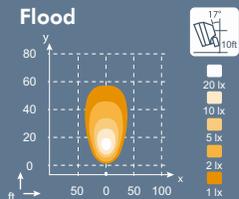
Not all products are available in all markets. During continuous improvement specifications and design are changing. Illustration does not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

Light Patterns

**KL1001 850lm
Flood**



**KL1002 1500lm
Flood**



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|---------|--------|---------|-------|-----------------|------------|----------|-----------|--------------|---------|
| 982-102U | KL 1001 | 12-24V | 24W | Flood | Fly Leads | TT | Undamp | | 12 | |
| 982-108U | KL 1001 | 12-24V | 24W | Flood | Pigtail Deutsch | TT | Undamp | | 12 | |
| 982-203U | KL 1002 | 12-24V | 24W | Flood | Fly Leads | TT | Undamp | | 12 | |

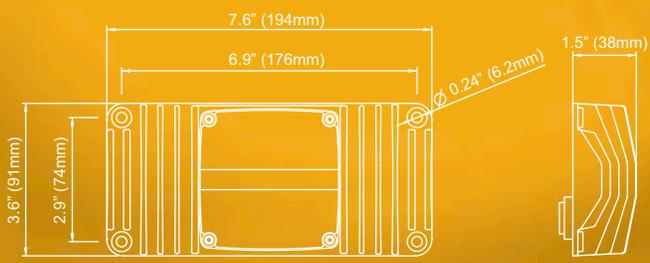


NORDIC KL11XX LED

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 and KL1102



Versions



KL1101
1000lm



KL1102
1500lm

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 Distribution of Light Pattern
- Compact
- Multi Voltage
- Dimmable
- Suitable and Easy Fit for Many Applications

Connectors

- Fly Leads

Specifications

| | KL1101 | KL1102 |
|-----------------------------|-----------------------|--------|
| Theoretical Lumens Output : | 1600lm | 2400lm |
| Operational Lumens Output : | 1000lm | 1500lm |
| Colour Temperature : | 5700K | • |
| Nominal Voltage DC : | 12-24V | • |
| Input Voltage Range DC : | 9-32V | • |
| Power Consumption : | 24W | • |
| Nominal Current at 12V : | 2.0A | • |
| 24V : | 1.0A | • |
| Electronics : | Integrated / Isolated | • |
| Connector : | Fly Leads | • |
| Mount : | Integrated | • |
| Shock : | 60G | • |
| Vibration : | 8Grms 24-2000Hz | • |
| Lens : | PC | • |
| Body : | Aluminium | • |
| Weight : | 11lbs | • |
| IP Rating : | IP68 | • |
| | IP6K9K | • |
| | SAE J1455 | • |
| Salt Mist : | ISO 9227 240H | • |
| EMC : | ISO 13766 | • |
| | ISO 14982 | • |
| | ISO 7637-2 | • |
| | EN12895 | • |
| | CISPR 25 Class 5 | • |
| Operating Temperatures : | -40°F ... +185°F | • |
| | (Overheat protected) | • |

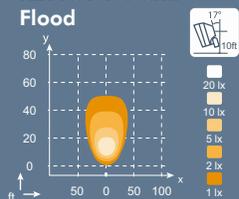
Not all products are available in all markets. During continuous improvement specifications and design are changing. Illustration does not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

**LIGHTS FOR
HEAVY DUTY**

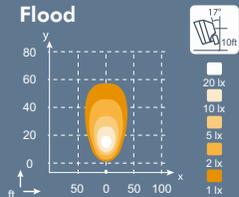
**KL-SERIES LED
WORK LIGHTS**

Light Patterns

**KL1101 1000lm
Flood**

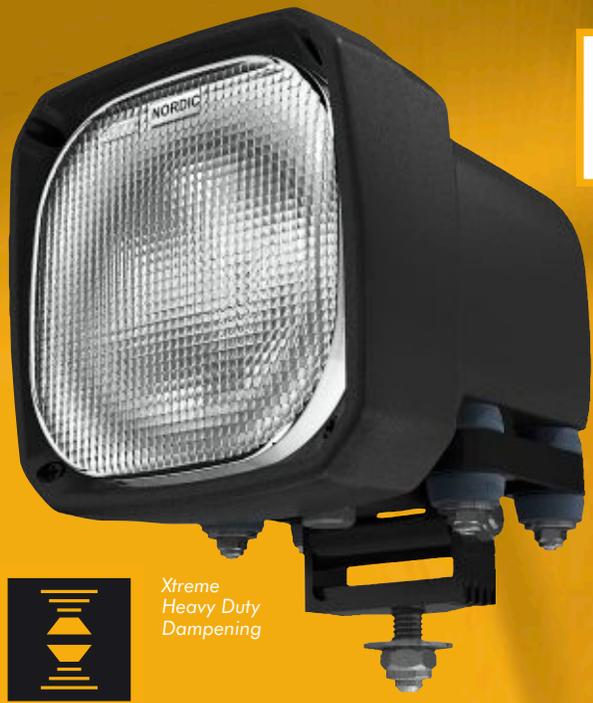


**KL1102 1500lm
Flood**



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|---------|--------|---------|-------|---------------|------------|----------|-----------|--------------|---------|
| 982-307U | KL 1101 | 12-24V | 24W | Flood | Fly Leads | TT | Undamp | | 12 | |
| 982-308U | KL 1102 | 12-24V | 24W | Flood | Fly Leads | TT | Undamp | | 12 | |



Xtreme Heavy Duty Dampening

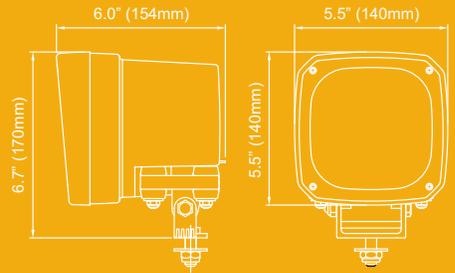
NORDIC N400 HID

The Nordic N400 HID has been developed for use in harsh conditions.

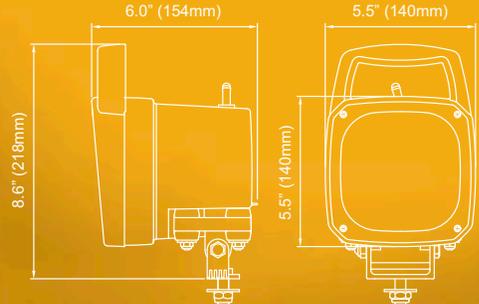
The light features Xtreme Heavy Duty Dampening and available in standard 35W or 45W Booster implementation. The work light is also available with Handle and Switch. The N400 HID is highly resistant to shock and vibration.

Drawings

N400 HID



N400 HID H



Versions



N400 HID 45W Booster XD



N400 HID 35W XD



N400 HID 35W XD HS

Features



High Light Output



High Lumens/Watt Efficiency



Strong Light Pattern



Heavy Duty Construction



Heavy Duty Glass Fibre Reinforced Housing



Hardened Glass



Xtreme Heavy Duty Dampening



Integrated Ballast



Gore™ Membrane Vent Installed



Waterproof



Salt Mist



Interchangeable Light Unit



Different Versions for Mounting on Any Required Axis



Available with Handle and Switch

Connectors



Pigtail Deutsch 2-pin

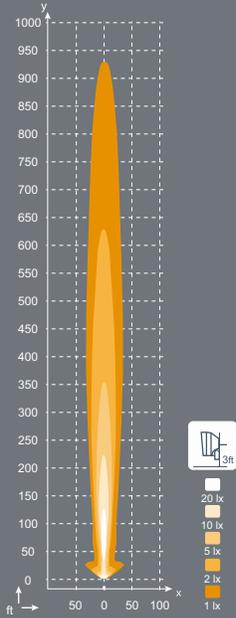
Specifications

| | | N400 HID |
|-----------------------------|------------------|----------------------------------|
| Theoretical Lumens Output : | N400 HID Booster | 5200lm |
| | N400 HID | 3200lm |
| Operational Lumens Output : | N400 HID Booster | 3500lm |
| | N400 HID | 2500lm |
| Colour Temperature : | | 4250K |
| Nominal Voltage DC : | | 12 or 24V |
| Input Voltage Range DC : | | 8-16 or 16-32V |
| Bulb : | | 35W D1S |
| Nominal Current at 12V : | N400 HID Booster | 4.1A |
| | N400 HID | 3.0A |
| 24V : | N400 HID Booster | 2.0A |
| | N400 HID | 1.5A |
| Electronics : | | Integrated |
| Connector : | | Pigtail Deutsch 2-pin |
| Mount : | | Single Bolt M10 |
| Shock : | | 50G |
| Vibration : | | 15.3Grms 24-2000Hz |
| Lens : | | Hardened Glass |
| Body : | | Glass Fibre Reinforced Polyamide |
| Weight : | | 2.9lbs |
| IP Rating : | | IP68 |
| Salt Mist : | | ISO 9227 240H |
| EMC : | | ISO 13766 |
| Operating Temperatures : | | -40°F ... +185°F |

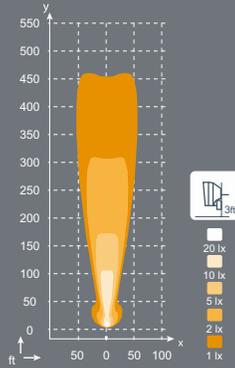
Not all products are available in all markets. During continuous improvement specifications and design are changing. Illustration does not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

Light Patterns

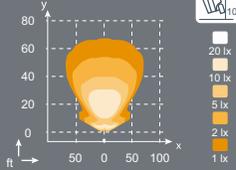
Nordic N400 HID High Beam 35W



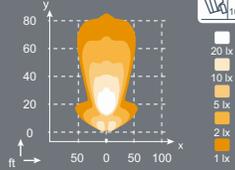
Nordic N400 HID Low Beam 35W



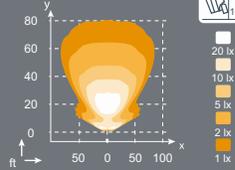
Nordic N400 HID Wide Flood 35W



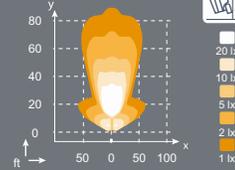
Nordic N400 HID Flood 35W



Nordic N400 HID Wide Flood 45W



Nordic N400 HID Flood 45W



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|-----------------|------|---------|------|---------------|-----------------------|----------|-----------|--------------|---------|
| 994-032U | N400HID Booster | D1 | 12V | 45W | WideFlood | Pigtail Deutsch 2-pin | TT | Damp | | 6 |
| 994-033U | N400HID Booster | D1 | 12V | 45W | Flood | Pigtail Deutsch 2-pin | TT | Damp | | 6 |
| 994-262U | N400HID Booster | D1 | 24V | 45W | WideFlood | Pigtail Deutsch 2-pin | TT | Damp | | 6 |
| 994-263U | N400HID Booster | D1 | 24V | 45W | Flood | Pigtail Deutsch 2-pin | TT | Damp | | 6 |
| 994-014U | N400HID | D1 | 12V | 35W | HiBeam | Pigtail Deutsch 2-pin | TT | Damp | | 6 |
| 994-015U | N400HID | D1 | 12V | 35W | LoBeam | Pigtail Deutsch 2-pin | TT | Damp | | 6 |
| 994-224U | N400HID | D1 | 24V | 35W | Flood | Pigtail Deutsch 2-pin | TT | Damp | | 6 |
| 994-225U | N400HID | D1 | 12V | 35W | WideFlood | Pigtail Deutsch 2-pin | TT | Damp | | 6 |
| 994-226U | N400HID | D1 | 12V | 35W | Flood | Pigtail Deutsch 2-pin | TT | Damp | | 6 |
| 994-227U | N400HID | D1 | 24V | 35W | LoBeam | Pigtail Deutsch 2-pin | TT | Damp | | 6 |
| 994-228U | N400HID | D1 | 24V | 35W | HiBeam | Pigtail Deutsch 2-pin | TT | Damp | | 6 |
| 994-266U | N400HID | D1 | 24V | 35W | WideFlood | Pigtail Deutsch 2-pin | TT | Damp | | 6 |
| 994-509U | N400HID HS | D1 | 12V | 35W | Flood | Pigtail Deutsch 2-pin | TT | Damp | | 6 |
| 994-510U | N400HID HS | D1 | 12V | 35W | HiBeam | Pigtail Deutsch 2-pin | TT | Damp | | 6 |



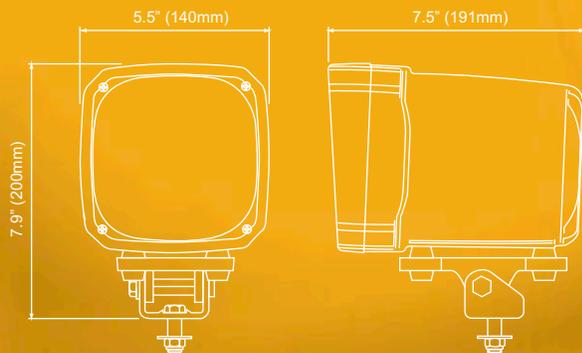
Xtreme Heavy Duty Dampening

NORDIC N200 HID

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



Versions



N200 HID
35W XD

Features



High Light Output



Heavy Duty Construction



Xtreme Heavy Duty Dampening



Gore™ Membrane Vent Installed



Interchangeable Light Unit



High Lumens/Watt Efficiency



Heavy Duty Aluminium Housing



Potted Electronics



Waterproof



Different Versions for Mounting on Any Required Axis



Strong Light Pattern



Hardened Glass



Integrated Ballast



Salt Mist

Connectors



Built-in Deutsch 2-pin

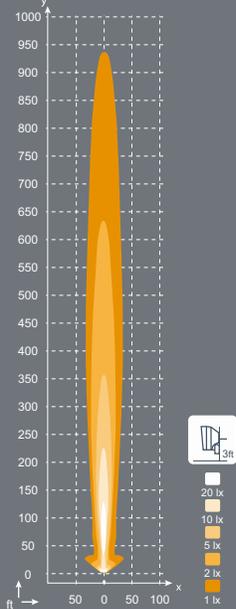
Specifications

| | N200 HID |
|-----------------------------|---------------------------------|
| Theoretical Lumens Output : | 3200lm |
| Operational Lumens Output : | 2500lm |
| Colour Temperature : | 4250K |
| Nominal Voltage DC : | 12 or 24V |
| Input Voltage Range DC : | 8-16 or 16-32V |
| Bulb : | 35W D2S |
| Nominal Current at 12V : | 3.4A |
| 24V : | 1.7A |
| Electronics : | Integrated – Epoxy Encapsulated |
| Connector : | Built-in Deutsch 2-pin |
| Mount : | Single Bolt M10 |
| Shock : | 60G |
| Vibration : | 20Grms 24-2000Hz |
| Lens : | Hardened Glass |
| Body : | Aluminium |
| Weight : | 5.3lbs |
| IP Rating : | IP68 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766 |
| Operating Temperatures : | -40°F ... +185°F |

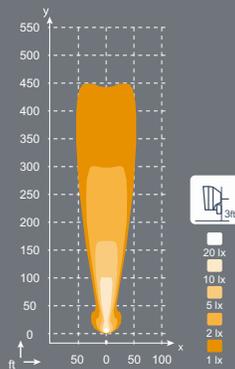
Not all products are available in all markets. During continuous improvement specifications and design are changing. Illustration does not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

Light Patterns

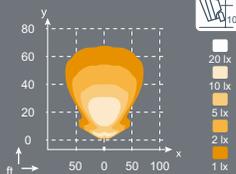
**Nordic N200 HID
High Beam 35W**



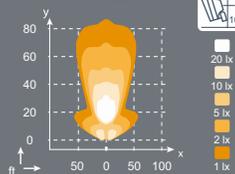
**Nordic N200 HID
Low Beam 35W**



**Nordic N200 HID
Wide Flood 35W**



**Nordic N200 HID
Flood 35W**



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|---------|------|---------|------|---------------|-------------|----------|-----------|---|---------|
| 991-229U | N200HID | D2 | 24V | 35W | WideFlood | BlInDeutsch | TT | Damp |    | 6 |
| 991-230U | N200HID | D2 | 24V | 35W | Flood | BlInDeutsch | TT | Damp |    | 6 |
| 991-232U | N200HID | D2 | 24V | 35W | LoBeam | BlInDeutsch | TT | Damp |    | 6 |
| 991-233U | N200HID | D2 | 24V | 35W | HiBeam | BlInDeutsch | TT | Damp |    | 6 |



Xtreme Heavy Duty Dampening

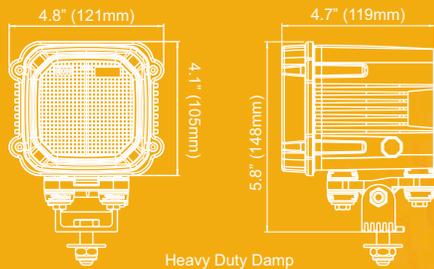
NORDIC N45 HID

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.

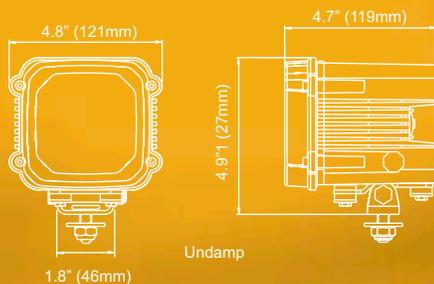
Drawings

N45 HID XD



Heavy Duty Damp

N45 HID



Undamp

Versions



N45 HID 45W
Booster XD



N45 HID 35W

Features



High Light Output



High Lumens/
Watt Efficiency



Strong Light Pattern



Heavy Duty Construction



Heavy Duty Aluminium Housing



Hardened Glass



Extreme Heavy Duty Dampening



Integrated Ballast



Gore™ Membrane Vent Installed



Waterproof



Salt Mist



Interchangeable Light Unit



Different Versions for Mounting on Any Required Axis



Compact

Connectors



Pigtail Deutsch 2-pin

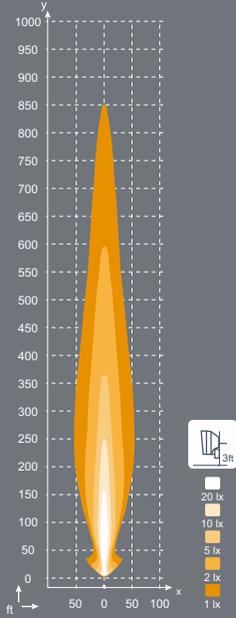
Specifications

| | | N45 HID |
|------------------------------------|-----------------|--|
| Theoretical Lumens Output : | N45 HID Booster | 5200lm |
| | N45 HID | 3200lm |
| Operational Lumens Output : | N45 HID Booster | 3500lm |
| | N45 HID | 2500lm |
| Colour Temperature : | | 4250K |
| Nominal Voltage DC : | | 12 or 24V |
| Input Voltage Range DC : | | 8-16 or 16-32V |
| Bulb : | | 35W D1S |
| Nominal Current at 12V : | N45 HID Booster | 4.1A |
| | N45 HID | 3.0A |
| | 24V : | |
| | N45 HID Booster | 2.0A |
| | N45 HID | 1.5A |
| Electronics : | | Integrated |
| Connector : | | Pigtail Deutsch 2-pin |
| Mount : | | Single Bolt M10 |
| Shock : | | 50G |
| Vibration : | XD | 20Grms 24-2000Hz 15.3Grms 24-2000Hz |
| Lens : | | Hardened Glass |
| Body : | | Aluminium |
| Weight : | N45 HID XD | 2.6lbs |
| | N45 HID | 2.4lbs |
| IP Rating : | | IP68 |
| Salt Mist : | | ISO 9227 240H |
| EMC : | | ISO 13766 |
| Operating Temperatures : | | -40°F ... +185°F |

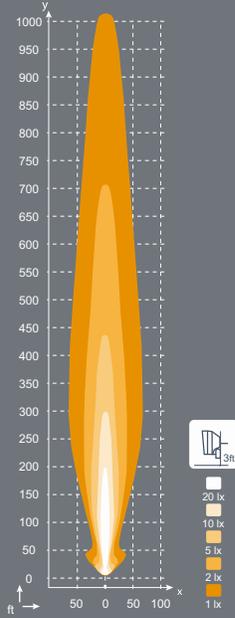
Not all products are available in all markets. During continuous improvement specifications and design are changing. Illustration does not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

Light Patterns

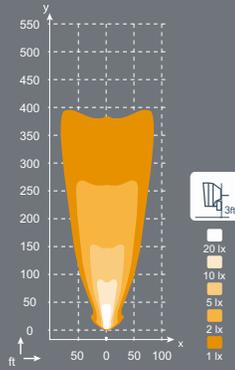
Nordic N45 HID High Beam 35W



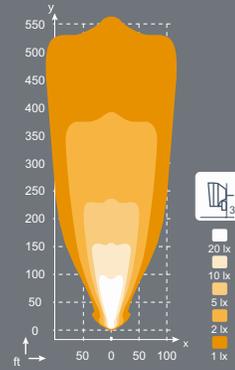
Nordic N45 HID High Beam 45W



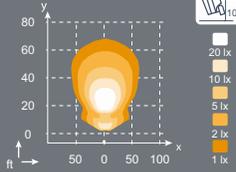
Nordic N45 HID Low Beam 35W



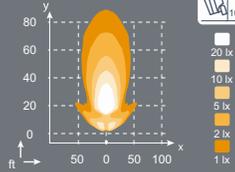
Nordic N45 HID Low Beam 45W



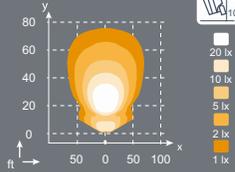
Nordic N45 HID Wide Flood 35W



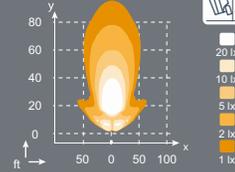
Nordic N45 HID Flood 35W



Nordic N45 HID Wide Flood 45W



Nordic N45 HID Flood 45W



HID WORK LIGHTS

Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|-------------------|------|---------|------|---------------|-----------------------|----------|-----------|--------------|---------|
| 990-103U | N45HID Booster XD | D1 | 12V | 45W | WideFlood | Pigtail Deutsch 2-pin | TT | XD Damp | | 12 |
| 990-104U | N45HID Booster XD | D1 | 12V | 45W | Flood | Pigtail Deutsch 2-pin | TT | XD Damp | | 12 |
| 990-105U | N45HID Booster XD | D1 | 12V | 45W | LoBeam | Pigtail Deutsch 2-pin | TT | XD Damp | | 12 |
| 990-110U | N45HID Booster XD | D1 | 12V | 45W | HiBeam | Pigtail Deutsch 2-pin | TT | XD Damp | | 12 |
| 990-106U | N45HID Booster XD | D1 | 24V | 45W | WideFlood | Pigtail Deutsch 2-pin | TT | XD Damp | | 12 |
| 990-107U | N45HID Booster XD | D1 | 24V | 45W | Flood | Pigtail Deutsch 2-pin | TT | XD Damp | | 12 |
| 990-108U | N45HID Booster XD | D1 | 24V | 45W | LoBeam | Pigtail Deutsch 2-pin | TT | XD Damp | | 12 |
| 990-111U | N45HID Booster XD | D1 | 24V | 45W | HiBeam | Pigtail Deutsch 2-pin | TT | XD Damp | | 12 |
| 990-008U | N45HID | D1 | 12V | 35W | WideFlood | Pigtail Deutsch 2-pin | TT | Damp | | 12 |
| 990-029U | N45HID | D1 | 12V | 35W | Flood | Pigtail Deutsch 2-pin | TT | Damp | | 12 |
| 990-100U | N45HID | D1 | 12V | 35W | LoBeam | Pigtail Deutsch 2-pin | TT | Damp | | 12 |
| 990-102U | N45HID | D1 | 12V | 35W | HiBeam | Pigtail Deutsch 2-pin | TT | Damp | | 12 |
| 990-007U | N45HID | D1 | 24V | 35W | WideFlood | Pigtail Deutsch 2-pin | TT | Damp | | 12 |
| 990-009U | N45HID | D1 | 24V | 35W | Flood | Pigtail Deutsch 2-pin | TT | Damp | | 12 |
| 990-015U | N45HID | D1 | 24V | 35W | HiBeam | Pigtail Deutsch 2-pin | TT | Damp | | 12 |
| 990-101U | N45HID | D1 | 24V | 35W | LoBeam | Pigtail Deutsch 2-pin | TT | Damp | | 12 |



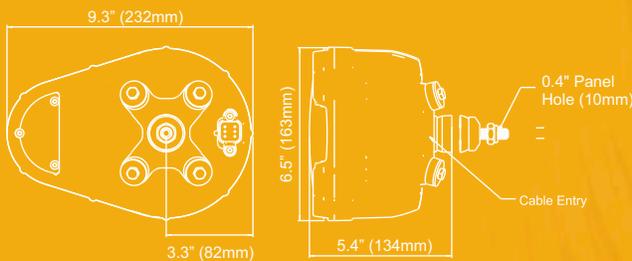
NORDIC SCULPTOR LED

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

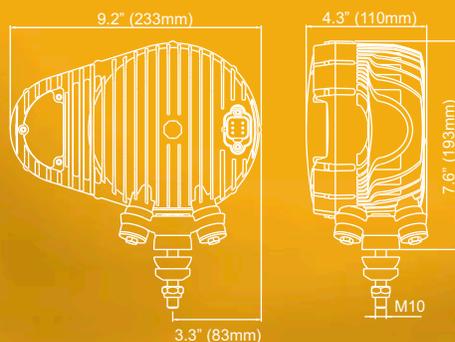
The SCULPTOR LED combination light is available as ECE approved version and a ideal LED solution for a headlamp/indicator requirement.

Drawings

N6001 Rear Mount



N6002 Pedestal mount



Versions



N6001
Rear Mount



6002
Pedestal mount

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 Distribution of Light Pattern
- Strong Light Pattern
- Multi Voltage
- All in One Lamp, Integrating Headlight, Indicator and Park Light in One Assembly
- ECE

Connectors



Built-in Deutsch 6-pin

Specifications

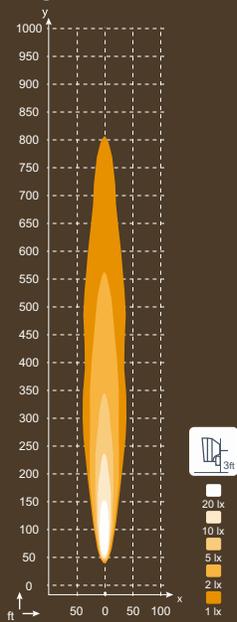
| N6001/N6002 | |
|--------------------------|------------------------|
| Approvals : | ECE |
| Colour Temperature : | 5700K |
| Nominal Voltage DC : | 12-24V |
| Input Voltage Range DC : | 9-32V |
| Power Consumption : | ECE Headlight 22W |
| | Indicator 17.5W |
| | Park Light 24V 2.7W |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch 6-pin |
| Mount : | Single Bolt M10 |
| Shock : | 60G |
| Vibration : | 15.3Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 3.3lbs |
| IP Rating : | IP68 |
| | IP6K9K |
| | SAE J1455 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766 |
| | ISO 14982 |
| | ISO 7637-2 |
| | EN12895 |
| | CISPR 25 Class 3 |
| Operating Temperatures : | -40°F ... +185°F |
| | (Overheat protected) |

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

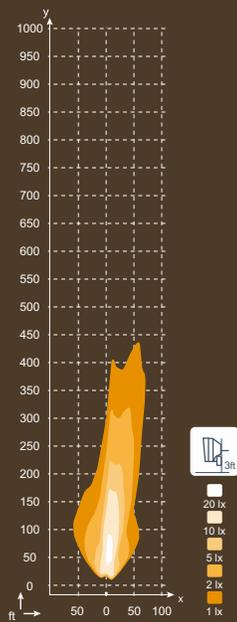
**Off-Road
ONLY**

Light Patterns

**Nordic N6001 ECE
High Beam**



**Nordic N6001 ECE
Low Beam**



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|------------------------|------|---------|---------|---------------|--------------|----------|-----------|--------------|---------|
| 960-003U | N6001 RH-Traffic Right | | 12-24V | Max 22W | ECE | BltInDeutsch | TT | Undamp | | |
| 960-004U | N6001 RH-Traffic Left | | 12-24V | Max 22W | ECE | BltInDeutsch | TT | Undamp | | |
| 960-105U | N6002 RH-Traffic Right | | 12-24V | Max 22W | ECE | BltInDeutsch | TT | Undamp | | |
| 960-106U | N6002 RH-Traffic Left | | 12-24V | Max 22W | ECE | BltInDeutsch | TT | Undamp | | |

HEAD LIGHTS



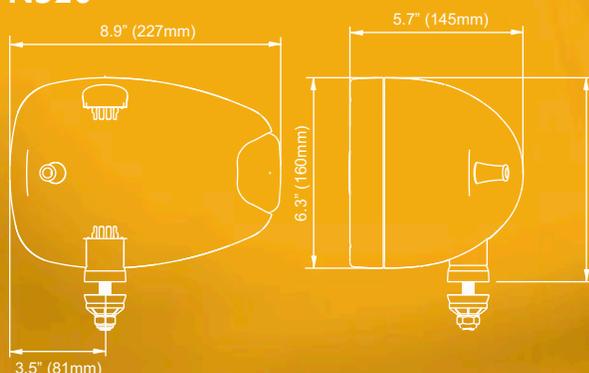
NORDIC N520 HALOGEN

The Nordic N520 integrates headlight, indicator and park light in one assembly. The light is very useful in agricultural, construction as well as truck and trailer applications.

This heavy duty light is made from a combination of hardened glass and polycarbonate. The N520 Headlight, also available as USA road approved versions, is the ideal solution for a headlamp/indicator requirement.

Drawings

N520



Versions



N520 LED Pedestal mount



N520 Halogen Pedestal mount



N500 Halogen Rear mount

Features



All in One Lamp, Integrating Headlight, Indicator and Park Light in One Assembly



Extra Wide Viewing Angle from Single Indicator Lamp



Hardened Glass Combined with Polyamide Housing



Suitable and Easy Fit for Many Applications



Salt Mist



SAE



ECE

Connectors



Pigtail Deutsch 6-pin

Specifications

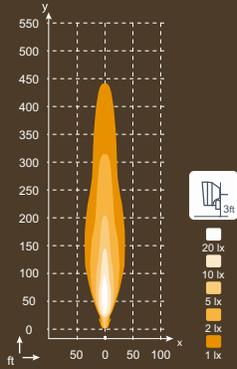
| | | N520/N500 |
|---------------------------------|---------------|-----------------------|
| Approvals | | ECE or SAE |
| Colour Temperature : | | 3200K |
| Nominal Voltage DC : | | 12 or 24V |
| Input Voltage Range DC : | | 16 or 16-32V |
| Bulb : | SAE Headlight | 9007 12V 65/55W HBS |
| | Indicator | P21W 12V Ba15s |
| | Park | WSW 12V |
| | ECE Headlight | 24V 75/70W H4 (P43t) |
| | Indicator | 24V PY21W (BAU15s) |
| | Park | 24V W5W (W2.1x9.5d) |
| Electronics : | | Integrated |
| Connector : | | Grommet 6-pin Deutsch |
| Mount : | | Single Bolt M10 |
| Lens : | | Hardened glass |
| Body : | | Polyamide |
| Weight : | | 3.3lbs |
| IP Rating : | | IP54 |
| Salt Mist : | | ISO 9227 240H |
| Operating Temperature : | | -40°F ... +185°F |

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

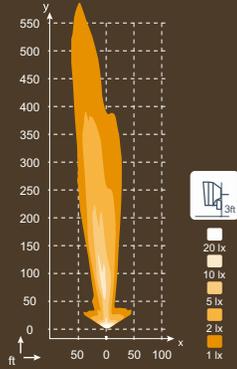
Light Patterns



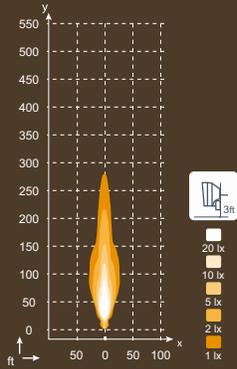
Nordic 520 SAE High Beam



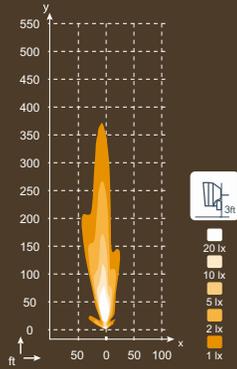
Nordic 520 ECE High Beam



Nordic 520 SAE Low Beam



Nordic 520 ECE Low Beam



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|-------------------------------------|----------------|---------|---------|---------------|------------------|----------|-----------|--------------|---------|
| 952-069U | N520 LED RH-Traffic RIGHT | H4. LED, W5W | 12V | Max 55W | ECE | Blt In Deutsch | TT | Undamp | | 6 |
| 952-070U | N520 LED RH-Traffic LEFT | H4. LED, W5W | 12V | Max 55W | ECE | Blt In Deutsch | TT | Undamp | | 6 |
| 952-130U | N520 LED RH-Traffic RIGHT | H4. LED, W5W | 12V | Max 55W | ECE | Pig Tail Deutsch | TT | Undamp | | 6 |
| 952-131U | N520 LED RH-Traffic LEFT | H4. LED, W5W | 12V | Max 55W | ECE | Pig Tail Deutsch | TT | Undamp | | 6 |
| 952-124U | N520 LED RH-Traffic RIGHT | H4. LED, W5W | 24V | Max 70W | ECE | Pig Tail Deutsch | TT | Undamp | | 6 |
| 952-125U | N520 LED RH-Traffic LEFT | H4. LED, W5W | 24V | Max 70W | ECE | Pig Tail Deutsch | TT | Undamp | | 6 |
| 952-019U | N520 RH-Traffic RIGHT | H4, PY21W, W5W | 12V | Max 55W | SAE | Grommet/ Deutsch | TT | Undamp | | 6 |
| 952-020U | N520 RH-Traffic LEFT | H4, PY21W, W5W | 12V | Max 55W | SAE | Grommet/ Deutsch | TT | Undamp | | 6 |
| 952-031U | N520 RH-Traffic RIGHT | H4, PY21W, W5W | 24V | Max 70W | ECE | Grommet/ Deutsch | TT | Undamp | | 6 |
| 952-032U | N520 RH-Traffic LEFT | H4, PY21W, W5W | 24V | Max 70W | ECE | Grommet/ Deutsch | TT | Undamp | | 6 |
| 950-091U | N500 RH-Traffic RIGHT | H4, PY21W, W5W | 12V | Max 55W | ECE | PigTailDeutsch | TT | Undamp | | 6 |
| 950-092U | N500 RH-Traffic LEFT | H4, PY21W, W5W | 12V | Max 55W | ECE | PigTailDeutsch | TT | Undamp | | 6 |
| 956-013U | Harness Deutsch 6-pin/Stripped 10ft | | | | | | | | | 6 |

HEAD LIGHTS



Heavy Duty
Anti-Vibration
Dampening

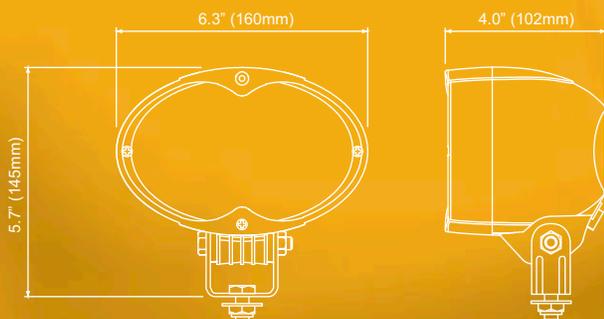
NORDIC N300 Halogen

The Nordic Lights N300 Halogen work light series is solid, compact and effective, available in twin power configurations. The light pattern is cut to prevent any stray upward light.

Built for heavy duty applications the N300 work lamp incorporates vibration dampeners, hardened glass and free-form optics all designed to withstand extreme conditions whilst guaranteeing optimum illumination of the entire work area.

Drawings

N300



Versions



N300
Halogen D TP



N300
Halogen TP HS

Features



Suitable and
Easy Fit for
Many
Applications
Salt Mist



Available with
Handle and
Switch



Non-dazzling



Hardened
Glass



Light Weight



Twin Power
Offering a Very
Strong Wide
Light Pattern



Heavy Duty
Glass Fibre
Reinforced
Housing



Heavy Duty
Anti-Vibration
Dampening



Rotate Light
Unit for
Pendant mount



Very Good
Light Pattern
for Work
around the
Application

Connectors



Fly Leads

Specifications

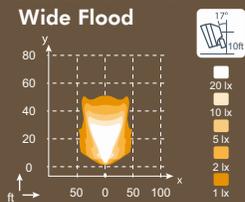
| | | N300 | |
|-----------------------------|----------------------------------|--------------------------------------|---------|
| Theoretical Lumens Output : | TP 24V | 3500lm | |
| | SP 12V | 2900lm | |
| Operational Lumens Output : | TP 24V | 2800lm | |
| | SP 12V | 2200lm | |
| Colour Temperature : | | 3200K | |
| Nominal Voltage DC : | | 12, 24, 36, 48 or 80V | |
| Input Voltage Range DC : | | 8-16, 16-32, 28-44, 33-68 or 56-110V | |
| Bulb : | | H3 | |
| Power Consumption : | SP | 12V | 55W |
| | | 24V | 70W |
| | TP | 24V HD Bulb | 65W |
| | | 24V | 2 x 55W |
| Nominal Current at 12V : | | 4.6A | |
| | 24V : | 2.7A | |
| | 36V : | 2.0A | |
| | 48V : | 1.4A | |
| | 80V : | 0.7A | |
| Connector : | Fly Leads | | |
| Mount : | Single Bolt M8/M10 | | |
| Shock : | 60G | | |
| Vibration : | 8.57Grms 18-600Hz | | |
| Lens : | Hardened Glass | | |
| Body : | Glass Fibre Reinforced Polyamide | | |
| Weight : | 1.1lbs | | |
| IP Rating : | IP67 (not Grommet) | | |
| Salt Mist : | ISO 9227 240H | | |
| Operating Temperatures : | -40°F ... +185°F | | |

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

**LIGHTS FOR
HEAVY DUTY**

Light Patterns

**Nordic N300 TP
Wide Flood**



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|--|------|---------|------|---------------|------------|----------|-----------|--------------|---------|
| 930-022U | N300TP Twin Power | H3 | 12V | 55W | WideFlood | Fly Leads | TT | Damp | | 12 |
| 930-023U | N300TP Twin Power | H3 | 24V | 70W | WideFlood | Fly Leads | TT | Damp | | 12 |
| 930-110U | N300TP HS Twin Power, Handle & Switch | H3 | 12V | 55W | WideFlood | Fly Leads | TT | Damp | | 12 |



Heavy Duty
Anti-Vibration
Dampening

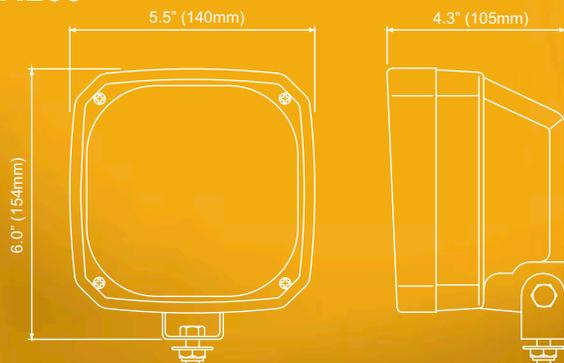
NORDIC N200 Halogen

The Nordic N200 Halogen work lamp is designed and built to exceed OEM standards for vibration, moisture and dust.

These features have made the lamp a classic, popular choice for a wide variety of applications. The N200 uses a heavy duty anti-vibration mounting system. The reliability of these lamps contributes to maintaining high levels of productivity.

Drawings

N200



Versions



N200
Halogen D

Features



Rotate Light
Unit for Vertical,
Pendant or Side
mount



Hardened Glass
Combined with
Polyamide
Housing



Also available
with Amber or
Red Flood lens.



Heavy Duty
Anti-Vibration
Dampening



Light Weight



Suitable and
Easy Fit for
Many
Applications



Salt Mist

Connectors



Fly Leads



Pigtail Deutsch
2-pin



Ring Terminal

Lenses



Transparent



Amber



Red

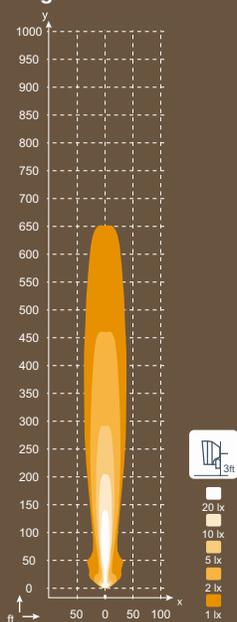
Specifications

| | N200 |
|------------------------------------|---|
| Theoretical Lumens Output : | 24V 1750lm 12V 1450lm |
| Operating Lumens Output : | 24V 1400lm 12V 1100lm |
| Colour Temperature : | 3200K |
| Nominal Voltage DC : | 12, 24, 36, 48 or 80V |
| Input Voltage Range DC : | 8-16, 16-32V, 28-44V, 33-68V or 56-110V |
| Bulb : | H3 |
| Nominal Current at 12V : | 4.6A |
| Nominal Current at 24V : | 2.7A |
| Nominal Current at 36V : | 2.0A |
| Nominal Current at 48V : | 1.4A |
| Nominal Current at 80V : | 0.7A |
| Connector : | Pigtail Deutsch 2-pin Fly Leads Ring Terminal |
| Mount : | Single Bolt M8/M10 |
| Shock : | HD 60G |
| Vibration : | HD 8Grms 24-2000Hz |
| Lens : | Hardened glass |
| Body : | Polyamide |
| Weight : | 1.1lbs |
| IP Rating : | IP67 (not Grommet) |
| Salt Mist : | ISO 9227 240H |
| Operating Temperature : | -40°F ... +185°F |

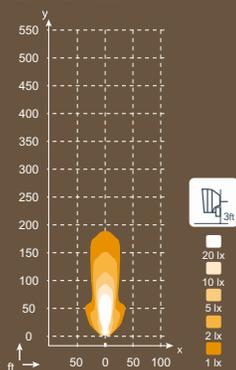
Not all products are available in all markets. During continuous improvement specifications and design are changing. Illustration does not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

Light Patterns

**Nordic N200
High Beam**



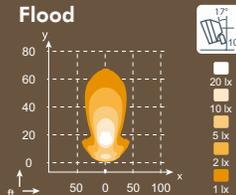
**Nordic N200
Low Beam**



**Nordic N200
Wide Flood**



**Nordic N200
Flood**



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|-------|------|---------|------|---------------|-----------------------|----------|-----------|--------------|---------|
| 902-241U | N200 | H3 | 12V | 55W | WideFlood | Fly Leads | TT | Damp | | 12 |
| 902-242U | N200 | H3 | 24V | 70W | WideFlood | Fly Leads | TT | Damp | | 12 |
| 902-250U | N200 | H3 | 24V | 70W | Flood Amber | Fly Leads | TT | Damp | | 12 |
| 902-259U | N200 | H3 | 24V | 70W | Flood | Ring Terminal | TT | Damp | | 12 |
| 902-260U | N200 | H3 | 24V | 70W | LoBeam | Ring Terminal | TT | Damp | | 12 |
| 902-262U | N200 | H3 | 12V | 55W | Flood | Ring Terminal | TT | Damp | | 12 |
| 902-263U | N200 | H3 | 12V | 55W | LoBeam | Ring Terminal | TT | Damp | | 12 |
| 902-264U | N200 | H3 | 12V | 55W | HiBeam | Ring Terminal | TT | Damp | | 12 |
| 902-275U | N200 | H3 | 12V | 55W | Flood Amber | Fly Leads | TT | Damp | | 12 |
| 902-277U | N200 | H3 | 24V | 70W | Flood | Pigtail Deutsch 2-pin | TT | Damp | | 12 |
| 902-278U | N200 | H3 | 24V | 70W | WideFlood | Pigtail Deutsch 2-pin | TT | Damp | | 12 |
| 902-279U | N200 | H3 | 24V | 70W | Flood Red | Ring Terminal | TT | Damp | | 12 |
| 902-285U | N200 | H3 | 24V | 65W | HiBeam | Ring Terminal | TT | Damp | | 12 |



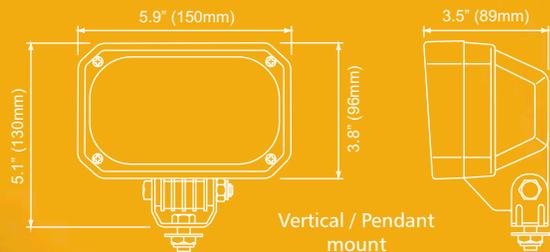
Heavy Duty
Anti-Vibration
Dampening

NORDIC N100 Halogen

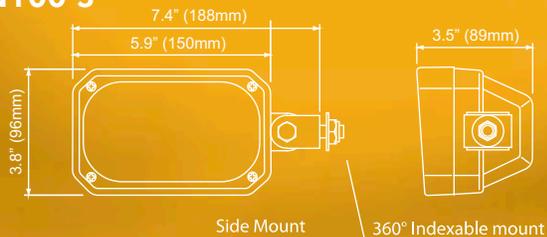
The Nordic N100 Halogen work light is suitable for locations requiring wide illumination. The light incorporates a hardened glass lens housed in robust polyamide and is a reliable instrument in demanding conditions. As well as the vertical, pendant and side mounting options, the N100 can also withstand rugged environments. Also available as twin power.

Drawings

N100



N100 S



Versions



N100
Halogen



N100
Halogen D



N100
Halogen S

Features



Very Good
Light Pattern
for Work
around the
Application



Single Power
or Twin Power
Models



Side Mounting
Option



Twin Power
Offering a Very
Strong Wide
Light Pattern



Rotate Light
Unit for
Pendant mount



Hardened
Glass
Combined with
Polyamide
Housing



Heavy Duty
Anti-Vibration
Dampening



Light Weight



Suitable and
Easy Fit for
Many
Applications



Salt Mist

Connectors



Fly Leads

Specifications

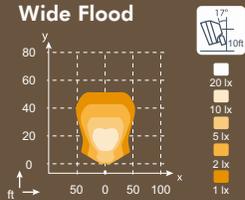
| | | N100 |
|-----------------------------|-------------|--------------------------------------|
| Theoretical Lumens Output : | TP 24V | 3500lm |
| | SP 12V | 2900lm |
| Operational Lumens Output : | TP 24V | 2800lm |
| | SP 12V | 2200lm |
| Colour Temperature : | | 3200K |
| Nominal Voltage DC : | | 12, 24, 36, 48 or 80V |
| Input Voltage Range DC : | | 8-16, 16-32, 28-44, 33-68 or 56-110V |
| Bulb : | | H3 |
| Power Consumption : | SP 12V | 2 x 55W |
| | 24V | 2 x 70W |
| | 24V HD Bulb | 65W |
| | TP 12V | 2 x 55W |
| | 24V | 2 x 70W |
| Nominal Current at | 12V : | 4.6A |
| | 24V : | 2.7A |
| | 36V : | 2.0A |
| | 48V : | 1.4A |
| | 80V : | 0.7A |
| Connector : | | Fly Leads |
| Mount : | | Single Bolt M8/M10 |
| Vibration : | | 8.57Grms 18-600Hz |
| Lens : | | Hardened Glass |
| Body : | | Polyamide |
| Weight : | | 1.1lbs |
| IP Rating : | | IP67 (not Grommet) |
| Salt Mist : | | ISO 9227 240H |
| Operating Temperatures : | | -40°F ... +185°F |

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

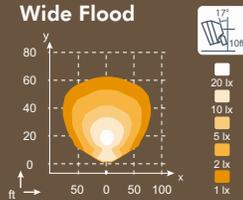
LIGHTS FOR HEAVY DUTY

Light Patterns

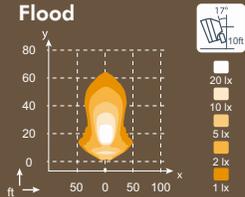
**Nordic N100 SP
Wide Flood**



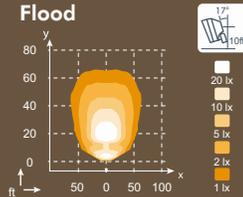
**Nordic N100 TP
Wide Flood**



**Nordic N100 SP
Flood**



**Nordic N100 TP
Flood**



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|--------|------|---------|------|---------------|------------|----------|-----------|--------------|---------|
| 910-079U | N100 D | H3 | 80V | 55W | WideFlood | Fly Leads | TT | Damp | | 12 |
| 901-153U | N100 | H3 | 12V | 55W | WideFlood | Fly Leads | TT | Undamp | | 12 |
| 901-154U | N100 | H3 | 24V | 70W | WideFlood | Fly Leads | TT | Undamp | | 12 |
| 900-081U | N100S | H3 | 12V | 55W | WideFlood | Fly Leads | RH | Undamp | | 12 |
| 900-082U | N100S | H3 | 12V | 55W | WideFlood | Fly Leads | LH | Undamp | | 12 |



Heavy Duty Anti-Vibration Dampening

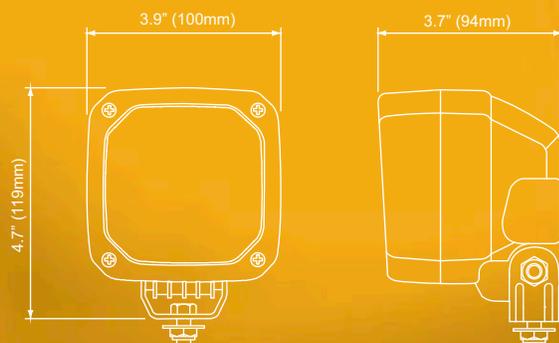
NORDIC N25 Halogen

The Nordic N25 Halogen work lamps feature a compact, rugged design suitable for use in numerous applications.

This range is ideal for forklifts, mining, earth moving, agricultural and construction equipment - wherever a compact, robust lighting source is required. Hardened glass and heavy duty anti-vibration mounting system guarantee durability.

Drawings

N25



Versions



N25 Halogen D.

Features



Compact



Suitable and Easy Fit for Many Applications



Hardened Glass Combined with Polyamide Housing



Heavy Duty Anti-Vibration Dampening



Light Weight



Salt Mist



Rotate Light Unit for Pendant mount

Connectors



Fly Leads



Pigtail Deutsch 2-pin

Specifications

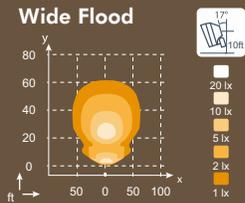
| N25 | |
|-----------------------------|---|
| Theoretical Lumens Output : | 24V 1750lm 12V 1450lm |
| Operating Lumens Output : | 24V 1400lm 12V 1100lm |
| Colour Temperature : | 3200K |
| Nominal Voltage DC : | 12, 24, 36, 48 or 80V |
| Input Voltage Range DC : | 8-16, 16-32V, 28-44V, 33-68V or 56-110V |
| Bulb : | H3 |
| Nominal Current at 12V : | 4.6A |
| Nominal Current at 24V : | 2.7A |
| Nominal Current at 36V : | 2.0A |
| Nominal Current at 48V : | 1.4A |
| Nominal Current at 80V : | 0.7A |
| Connector : | Pigtail Deutsch 2-pin Fly Leads |
| Mount : | Single Bolt M8/M10 |
| Shock : | D 60G |
| Vibration : | D 8Grms 24-2000Hz |
| Lens : | Hardened glass |
| Body : | Polyamide |
| Weight : | 1.5lbs |
| IP Rating : | IP67 (not Grommet) |
| Salt Mist : | ISO 9227 240H |
| Operating Temperature : | -40°F ... +185°F |

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

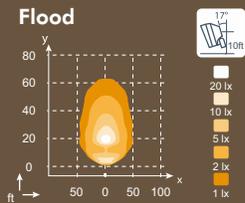
LIGHTS FOR HEAVY DUTY

Light Patterns

Nordic N25
Wide Flood



Nordic N25
Flood



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|-------|------|---------|------|---------------|-----------------------|----------|-----------|--------------|---------|
| 925-144U | N25 | H3 | 12V | 55W | WideFlood | Fly Leads | TT | Damp | | 12 |
| 925-145U | N25 | H3 | 24V | 70W | WideFlood | Fly Leads | TT | Damp | | 12 |
| 925-165U | N25 | H3 | 12V | 55W | Flood | Pigtail Deutsch 2-pin | TT | Damp | | 12 |



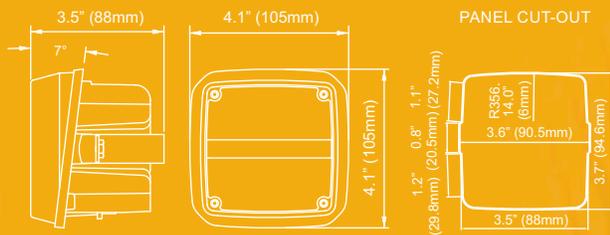
NORDIC KL13XX LED FLUSHMOUNT

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

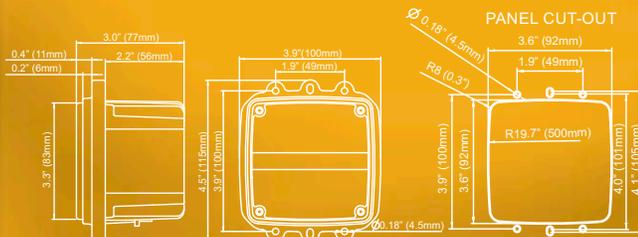
The KL13XX LED F matches the basic introduction level needs for heavy duty lighting and is a suitable light when replacing halogen Flushmount work lights.

Drawings

KL1301 and KL1302



KL1303 and KL1304



Versions



KL1301
1000lm



KL1302
1500lm



KL1303
1000lm



KL1304
1500lm

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 Distribution of Light Pattern
- Compact
- Multi Voltage
- Dimmable
- Suitable and Easy Fit for Many Applications
- Integrated Into Application

Connectors



Pigtail Deutsch 2-pin

Specifications

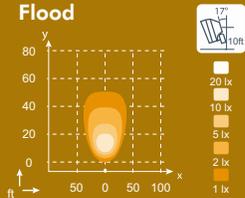
| | KL1301 | KL1302 | KL1303 | KL1304 |
|------------------------------------|-----------------------|--------|--------|--------|
| Theoretical Lumens Output : | 1600lm | 2400lm | 1600lm | 2400lm |
| Operational Lumens Output : | 1000lm | 1500lm | 1000lm | 1500lm |
| Colour Temperature : | 5700K | • | • | • |
| Nominal Voltage DC : | 12-24V | • | • | • |
| Input Voltage Range DC : | 9-32V | • | • | • |
| Power Consumption : | 24W | • | • | • |
| Nominal Current at 12V : | 2.0A | • | • | • |
| Nominal Current at 24V : | 1.0A | • | • | • |
| Electronics : | Integrated | • | • | • |
| Connector : | Pigtail Deutsch 2-pin | • | • | • |
| Mount : | Integrated | • | • | • |
| Shock : | 60G | • | • | • |
| Vibration : | 8Grms 24-2000Hz | • | • | • |
| Lens : | PC | • | • | • |
| Body : | Aluminium | • | • | • |
| Weight : | 1lbs | • | • | • |
| IP Rating : | IP68 | • | • | • |
| | IP6K9K | • | • | • |
| | SAE J1455 | • | • | • |
| Salt Mist : | ISO 9227 240H | • | • | • |
| EMC : | ISO 13766 | • | • | • |
| | ISO 14982 | • | • | • |
| | ISO 7637-2 | • | • | • |
| | EN12895 | • | • | • |
| | CISPR 25 Class 5 | • | • | • |
| Operating Temperatures : | -40°F ... +185°F | • | • | • |
| | (Overheat protected) | • | • | • |

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

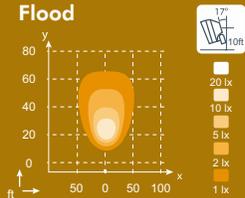
**LIGHTS FOR
HEAVY DUTY**

Light Patterns

KL1301 and 1303 1000lm Flood



KL1302 and 1304 1500lm Flood



Products

| Part Nr | Model | Bulb | Voltage | Watt | Light pattern | Connection | Mounting | Vibration | Applications | Pcs/Box |
|----------|--------|------|---------|------|---------------|-----------------------|----------|-----------|---|---------|
| 982-403U | KL1301 | | 12-24V | 24W | Flood | PigTail Deutsch 2-pin | TT | Undamp |    | 12 |
| 982-404U | KL1302 | | 12-24V | 24W | Flood | PigTail Deutsch 2-pin | TT | Undamp |    | 12 |
| 982-503U | KL1303 | | 12-24V | 24W | Flood | PigTail Deutsch 2-pin | TT | Undamp |    | 12 |
| 982-504U | KL1304 | | 12-24V | 24W | Flood | PigTail Deutsch 2-pin | TT | Undamp |    | 12 |

SPARE PARTS

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

Products

| Part No. | Model | Pcs/Box |
|---------------------------|--|---------|
| Brackets | | |
| 906-277U | Bracket Assembly 27/10-40 NORDIC | 1 |
| 906-280U | N45HID Bracket Assembly 25/10 + M10x25 | 1 |
| LED Brackets | | |
| 906-273U | SCORPIUS LED N44 Damp Bracket Assembly | 12 |
| Harness | | |
| 906-248U | Harness Deutsch/Stripped 3ft | 6 |
| 956-017U | Harness Deutsch 6-pin/Stripped 6ft | 12 |
| Connector Assembly | | |
| 906-194U | Deutsch Connector Assembly DT06-25 | 10 |
| 906-981U | Deutsch receptacle | 50 |
| HID Bulbs | | |
| 906-936U | Bulb HID 35W D1S | 10 |
| 906-937U | Bulb HID 35W D2S | 10 |
| Halogen Bulbs | | |
| 906-254U | Bulb H3 12V 55W PK22s | 48 |
| 906-255U | Bulb H3 24V 65W PK22s | 48 |
| 906-256U | Bulb H3 24V 70W PK22s | 48 |
| 956-014U | Bulb 12V 65/55W HB5 SAE | 48 |

| | | |
|------------------------|---|----|
| 906-989U | Bulb H4 24V 75/70W 64196 Osram | 10 |
| LED Lenses | | |
| 906-263U | CENTAURUS LED N460 Lens Assembly HiBeam | 12 |
| 906-262U | CENTAURUS LED N460 Lens Assembly LoBeam | 12 |
| 906-260U | CENTAURUS LED N460 Lens Assembly WideFlood | 12 |
| 906-261U | CENTAURUS LED N460 Lens Assembly Flood | 12 |
| 906-264U | CENTAURUS LED N460 Bezel Assembly | 12 |
| 906-373U | CENTAURUS LED N460 Lens Assembly LoBeam Yellow | 12 |
| 906-389U | CENTAURUS LED N460 Lens Assembly LoBeam Amber | 12 |
| 906-271U | SCORPIUS LED N4XXX Lens Assembly HiBeam | 12 |
| 906-270U | SCORPIUS LED N4XXX Lens Assembly LoBeam | 12 |
| 906-268U | SCORPIUS LED N4XXX Lens Assembly WideFlood | 12 |
| 906-269U | SCORPIUS LED N4XXX Lens Assembly Flood | 12 |
| 906-379U | SCORPIUS LED N4XXX Lens Assembly WideFlood Yellow | 12 |
| 906-273U | N44LED Damp Bracket Assembly | 12 |
| 906-305U | SPICA LED N24XX Lens Assembly WideFlood | 12 |
| 906-982U | CANIS LED N2001 Lens Assembly WideFlood | 6 |
| 906-985U | CANIS LED N2001 Lens Assembly Flood | 6 |
| 906-986U | CANIS LED N2001 Lens Assembly SuperWide | 6 |
| 906-987U | CANIS LED N2001 Lens Assembly HiBeam | 6 |
| HID Light Units | | |
| 906-902U | N200HID/N400HID Light Unit HiBeam | 12 |
| 906-901U | N200HID/N400HID Light Unit LoBeam | 12 |

LIGHTS FOR HEAVY DUTY



NORDICLIGHTS

Head office

Herrmans Oy Ab

P.O.Box 36

FI-68601 Jakobstad/Pietarsaari
Finland

Tel +358 (0)20 134 5100

Fax : +358 (0)20 134 5108

nordiclights@nordiclights.com

www.nordiclights.com

 facebook.com/NordicLightsTM

 www.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

AM USA