



NORDICLIGHTS 
PRODUCT RANGE

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Abbreviations

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

NORDICLIGHTS

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

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

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

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

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



Technology has evolved. And so have we!



Fire torch
790,000 B.C.



Oil lamp
10,000 B.C.



Candles
300 B.C.

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.



Bulb
1879 A.D.



Halogen
1964 A.D.



HID
1991 A.D.



High Power LED
1996 A.D.

NORDICLIGHTS

Quality - Not Just Any Light

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

Vibration & Shock

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

Dust & Humidity

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

Heat and Cold

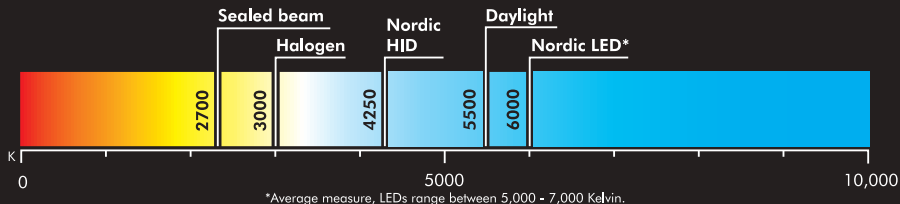
As well as the changes in temperature in the water tests mentioned above the lights are also exposed to complete repetitive thermal cycles. The light turns in a sealed environment where the temperature is raised from deep below zero to very hot before being lowered again to well below zero and so on.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

Electro Magnetic Compatibility

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

Light Source Comparison

Colour temperature in Kelvin



NORDICLIGHTS

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.



Wheel loader
equipped with 4
pieces of Nordic
Scorpius LED N4406
Flood work lights.

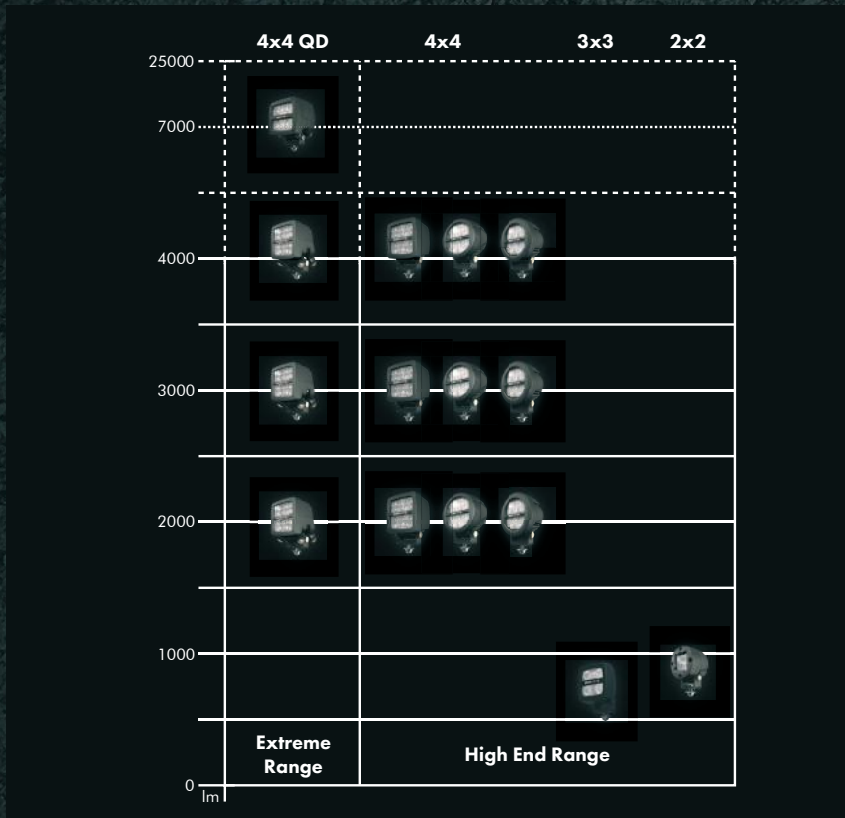


Wheel loader
equipped with 4
pieces of Nordic N45
HID Flood work lights.


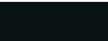

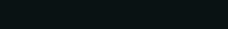

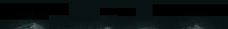



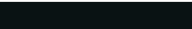


Wheel loader
equipped with 4
pieces of Nordic N200
Halogen Flood work
lights.

LED Work Light Range



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

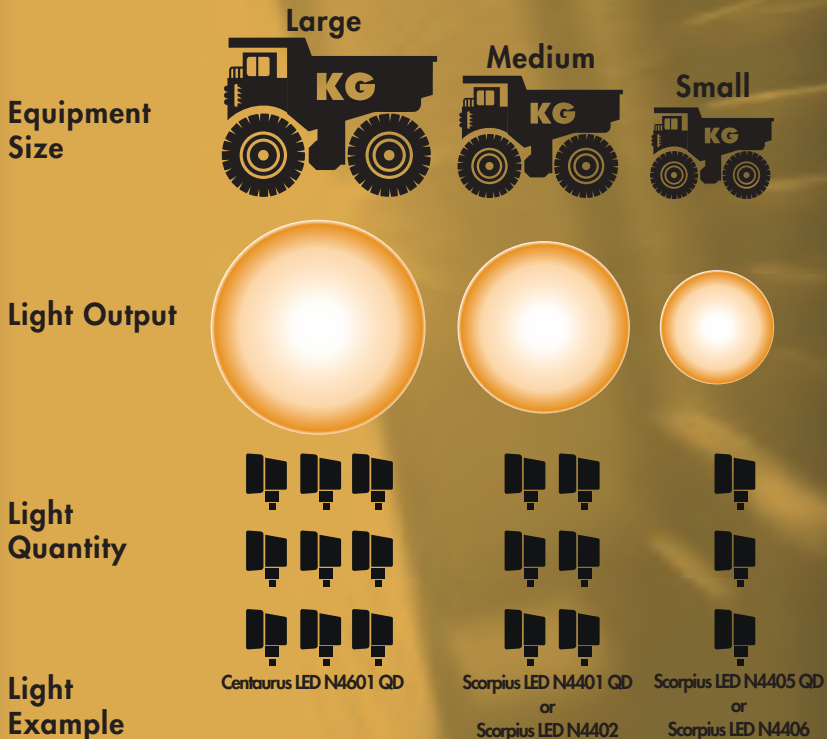
3x3		
		
		
		
		
		
		
		
		
KL Range	Special Application	

LED Work Light Recommendations

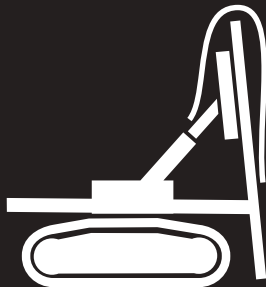
Illumination requirements for different heavy duty applications and industry segments can, and do, vary dramatically.

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


Larger machine = More lumens = More lights



Mining



Equipment

	p. 28-29	p. 30-31	p. 32-37	p. 56-57
				
Gemini LED				
Centaurus LED				
Scorpius LED				
Taurus LED				
 Articulated Truck				
 Blast Hole Drill				
 Bucket Wheel Excavator				
 Borer / Continuous Miner				
 Dragline				
 Dump Truck				
 Engine Room				
 Highwall Miner				
 Hydraulic / Rope Shovel				
 Load Haul Dump (LHD)				
 Rocket Boomer / Drilling Jumbo				
 Surface Miner				
 Wheel Dozer / Loader				

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Construction



Equipment

p. 28-29	p. 30-31	p. 32-37	p. 54-55	p. 50-51
Gemini LED	Centaurus LED	Scorpius LED	Pictor LED	Canis LED

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

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Forestry



















p. 32-37 p. 60-65



Scorpious LED

KL-Series

Equipment

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




























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Material Handling



Equipment

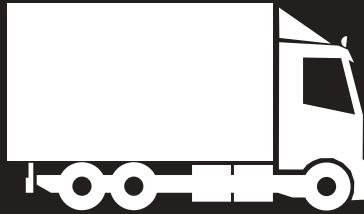
	p. 28-29	p. 30-31	p. 32-37	p. 46-49
				
	Gemini LED	Centaurus LED	Scorpius LED	Spica LED
 Container Crane				
 Dockyard Crane				
 Fork Lift Truck				
 Rubber-tyre Gantry Crane (RTG)				
 Harbour / Port Crane				
 Reach Stakker				
 Straddle Carrier				
 Tow Tractor				
 Tele Handler				
 Truck Mounted Crane				

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Truck, Trailer & Emergency

Equipment



	p. 32-37	p. 46-49	p. 56-57	p. 60-65
 Ambulance				
 Articulated Lorry				
 Cement Mixer				
 Fire Engine				
 Flatbed Truck				
 Garbage Truck				
 Panel Van				
 Pickup / Tow Truck				
 Utility Van				
 Water Tender				

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Agriculture

p. 32-37 p. 38-41 p. 60-65



Equipment

			
	Scorpius LED	Antares LED	KL-Series
 Bean Harvester			
 Beet Harvester			
 Combine Harvester			
 Crop Sprayer			
 Forage Harvester			
 Pea Harvester			
 Potato Harvester			
 Rape Swather			
 Slurry Spreader			
 Tractor			

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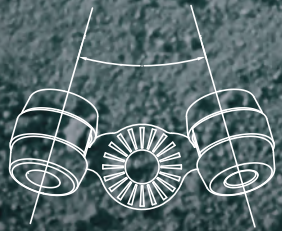
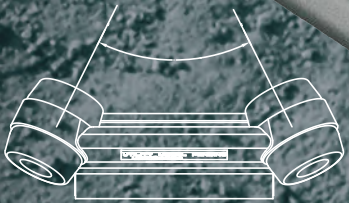
QUAKE DAMPENING

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

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

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

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



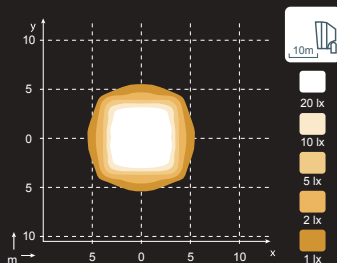
Different Light Patterns

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

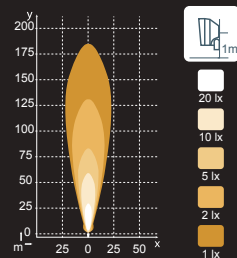
High Beam

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

High Beam projected on wall at 10m



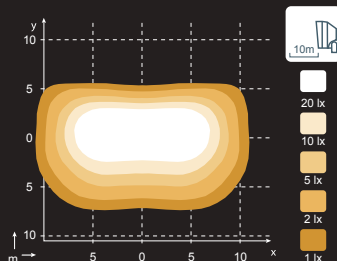
High Beam projected on surface #A



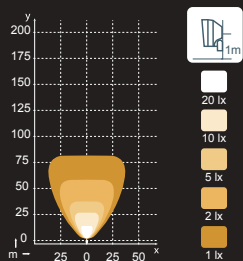
Low Beam

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

Low Beam projected on wall at 10m



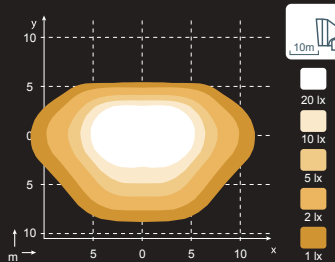
Low Beam projected on surface #A



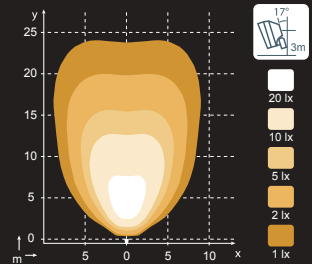
Wide Flood

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

Wide Flood projected on wall at 10m



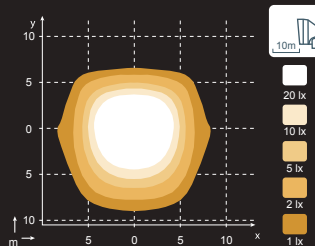
Wide Flood projected on surface #B



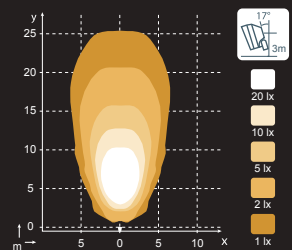
Flood

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

Flood projected on wall at 10m



Flood projected on surface #B



Mining

Mining is a 24/7 business – from dawn to dusk and everything in between. Mining is NORDIC LIGHTS® core business and our back yard. The long-term proof of NORDIC LIGHTS® success within the mining industry is based on the durability of the work lights.



Construction

Construction is a challenge – whether it is meeting a project deadline or removing the obstacle standing in the way for the structure. NORDIC LIGHTS® has long-standing experience in supplying construction vehicles with lighting solutions, designed to work in the harshest working environments.



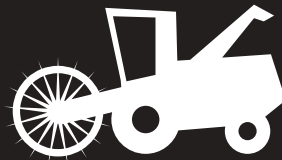
Forestry

Forestry is a operation of one – often far away from civilization out in the woods. Whatever operations you are conducting – on a slope, in a dense forest or on a clear-cut work site – the NORDIC LIGHTS® work lights are made for you.



Agricultural

Agriculture is an evolution – a never-ending process of improving your operations and the yields of the land. Helping to maintain high operational productivity and safety in tough weather conditions and during dark hours is the main mission for NORDIC LIGHTS® work lights.



Truck & Trailer Emergency

Truck & Trailer and Emergency operations must be on time – no excuses, no explanations. Whether your haulage – food, rawmaterial or television sets – the light will work for you. The extensive EMC testing at NORDIC LIGHTS® also ensures no interference with other electronic systems.



Material Handling

Material handling requires everything to be in its proper place – nothing should be lost on the way. In tight spaces you need to allow for roughness along the edges and the odd bump in the corners. Whether your equipment is big or small NORDIC LIGHTS® durable lighting solutions will fit for you.

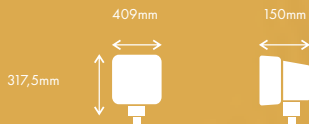




NORDIC GEMINI LED SERIES

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

The work lamp offers an impressive lighting solution both for mobile and stationary applications and is really the king of the hill.



Features

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

Specifications

N4701

N4702

N4703

Theoretical Lumens Output:	40300lm	28800lm	22000lm
Operational Lumens Output:	25200lm	18000lm	13800lm
Colour Temperature:	5700K	*	*
Nominal / Input Voltage DC:	24V 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:	18kg	*	*
IP Rating:	IP68	*	*
	IP6K9K	*	*
	SAE J1455	*	*
Salt Mist:	ISO 9227 240H	*	*
Light Patterns:	Flood	*	*
	Diffused	*	Pencil Beam
	High Beam	*	*
EMC:	CISPR 25 Class 3	*	*
	ISO 13766	*	*
	ISO 14982	*	*
	ISO 7637-2	*	*
Operating Temperatures:	-40°C... +85°C (Overheat protected)	*	*
Packing:	1 pce / Box	*	*

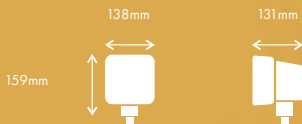
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NORDIC CENTAURUS LED SERIES

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

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



Features

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

Specifications

N4601 QD

N460 XD

Theoretical Lumens Output:	11500lm	4300lm
Operational Lumens Output:	7200lm	2700lm
Colour Temperature:	5700K	6000K
Nominal / Input Voltage DC: 24V	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:	2.5kg	2.9kg
IP Rating:	IP68	*
	IP6K9K	*
	SAE J1455	*
Salt Mist:	ISO 9227 240H	*
Light Patterns:	Wide Flood	*
	Flood	*
	High Beam	*
	Low Beam	*
EMC:	CISPR 25 Class 3	*
	ISO 13766	*
	ISO 14982	*
	ISO 7637-2	*
Operating Temperatures:	-40°C... +85°C (Overheat protected)	*
Packing:	6 pce / Box	*

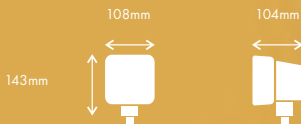
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NORDIC SCORPIUS LED SERIES

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

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



Features

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

Specifications

N4401 QD

N4402

N4403 QD

Theoretical Lumens Output:	6700lm	*	4800lm
Operational Lumens Output:	4200lm	*	3000lm
Colour Temperature:	5700K	*	*
Nominal / Input Voltage DC:	12-24V 9-32V	*	*
Power Consumption:	50W	*	45W
Nominal Current at:	24V 2.1A	*	1.9A
	12V 4.2A	*	3.8A
Electronics:	Integrated	*	*
Connector:	Built-in Deutsch 2-pin	*	*
Mount:	Single Bolt M10	*	*
Shock:	60G	*	*
Vibration:	20Grms 24-2000Hz	15.3Grms 24-2000Hz	20Grms 24-2000Hz
	4.65Grms 12-2000Hz		4.65Grms 12-2000Hz
Lens:	PC	*	*
Body:	Aluminium	*	*
Weight:	1.6kg	1.1kg	1.6kg
IP Rating:	IP68	*	*
	IP6K9K	*	*
	SAE J1455	*	*
Salt Mist:	ISO 9227 240H	*	*
Light Patterns:	Wide Flood	*	*
	Flood	*	*
	Diffused	*	*
	High Beam	*	*
	Low Beam	*	*
EMC:	CISPR 25 Class 3	*	*
	ISO 13766	*	*
	ISO 14982	*	*
	ISO 7637-2	*	*
Operating Temperatures:	-40°C... +85°C (Overheat protected)	*	*
Packing:	12 pce / Box	*	*

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Specifications

N4404

N4405 QD

N4406

Theoretical Lumens Output:	*	3400lm	*
Operational Lumens Output:	*	2100lm	*
Colour Temperature:	*	*	*
Nominal / Input Voltage DC:	12-24V	*	*
Power Consumption:	*	35W	*
Nominal Current at:	24V	1.5A	*
	12V	3.0A	*
Electronics:	*	*	*
Connector:	*	*	*
Mount:	*	*	*
Shock:	*	*	*
Vibration:	15.3Grms 24-2000Hz	20Grms 24-2000Hz	15.3Grms 24-2000Hz
		4.65Grms 12-2000Hz	
Lens:	*	*	*
Body:	*	*	*
Weight:	1.1kg	1.6kg	1.1kg
IP Rating:	*	*	*
	*	*	*
	*	*	*
Salt Mist:	*	*	*
Light Patterns:	*	*	*
	*	*	*
	*	*	*
	*	*	*
	*	*	*
EMC:	*	*	*
	*	*	*
	*	*	*
	*	*	*
Operating Temperatures:	*	*	*
Packing:	*	*	*

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Specifications

N4407 QD

N4408

N4409 QD

Theoretical Lumens Output:	3700lm	*	3200lm
Operational Lumens Output:	2300lm	*	2000lm
Colour Temperature:	*	*	*
Nominal / Input Voltage DC:	12-24V	*	*
Power Consumption:	40W	*	*
Nominal Current at:	24V 1.7A	*	*
	12V 3.4A	*	*
Electronics:	*	*	*
Connector:	*	*	*
Mount:	*	*	*
Shock:	*	*	*
Vibration:	20Grms 24-2000Hz	15.3Grms 24-2000Hz	20Grms 24-2000Hz
	4.65Grms 12-2000Hz		4.65Grms 12-2000Hz
Lens:	*	*	*
Body:	*	*	*
Weight:	1.6kg	1.1kg	1.6kg
IP Rating:	*	*	*
	*	*	*
Salt Mist:	*	*	*
Light Patterns:	Diffused	*	Wide Flood
	Pencil Beam	*	Flood
	High Beam	*	Diffused
			High Beam
			Low Beam
EMC:	*	*	CISPR 25 Class 5
	*	*	*
	*	*	*
	*	*	*
Operating Temperatures:	*	*	*
Packing:	*	*	*

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Specifications

N4410

N42

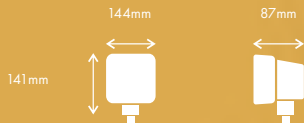
Theoretical Lumens Output:	*	2200lm
Operational Lumens Output:	*	1350lm
Colour Temperature:	*	*
Nominal / Input Voltage DC:	12-24V	*
Power Consumption:	*	25W
Nominal Current at:	24V	1.0A
	12V	2.0A
Electronics:	Integrated / Isolated	Integrated
Connector:	*	*
Mount:	*	*
Shock:	*	*
Vibration:	15.3Grms 24-2000Hz	*
Lens:	*	*
Body:	*	*
Weight:	1.1kg	1.2kg
IP Rating:	*	*
	*	*
	*	*
Salt Mist:	*	*
Light Patterns:	*	*
	*	*
	*	*
	*	*
EMC:	*	CISPR 25 Class 3
	*	*
	*	*
	*	*
Operating Temperatures:	*	*
Packing:	*	*

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NORDIC ANTARES LED SERIES

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



Features

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

Specifications

	N3301	N3302	N3303
Theoretical Lumens Output:	6700lm	4800lm	3700lm
Operational Lumens Output:	4200lm	3000lm	2300lm
Colour Temperature:	5700K	*	*
Nominal / Input Voltage DC:	12-24V	9-32V	*
Power Consumption:	50W	45W	40W
Nominal Current at:	24V	2.1A	1.9A
	12V	4.2A	3.8A
Electronics:	Integrated	*	*
Connector:	Built-in Deutsch 2-pin	*	*
Mount:	Single Bolt M10	*	*
Shock:	60G	*	*
Vibration:	15.3Grms 24-2000Hz	*	*
Lens:	PC	*	*
Body:	Aluminium	*	*
Weight:	1.2kg	*	*
IP Rating:	IP68	*	*
	IP6K9K	*	*
	SAE J1455	*	*
Salt Mist:	ISO 9227 240H	*	*
Light Patterns:	Wide Flood	*	Diffused
	Flood	*	Pencil Beam
	Diffused	*	High Beam
	High Beam	*	
	Low Beam	*	
EMC:	CISPR 25 Class 3	*	*
	ISO 13766	*	*
	ISO 14982	*	*
	ISO 7637-2	*	*
Operating Temperatures:	-40°C... +85°C (Overheat protected)	*	*
Packing:	12 pce / Box	*	*

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Specifications

N3304

N33

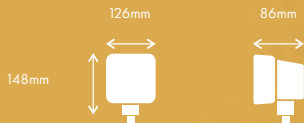
Theoretical Lumens Output:	3200lm	3400lm
Operational Lumens Output:	2000lm	2100lm
Colour Temperature:	*	*
Nominal / Input Voltage DC:	12-24V	*
Power Consumption:	*	35W
Nominal Current at:	24V	1.5A
	12V	3.0A
Electronics:	*	*
Connector:	*	*
Mount:	*	*
Shock:	*	*
Vibration:	*	*
Lens:	*	*
Body:	*	*
Weight:	*	1.5kg
IP Rating:	*	*
	*	*
	*	*
Salt Mist:	*	*
Light Patterns:	Wide Flood	*
	Flood	*
	Diffused	*
	High Beam	*
	Low Beam	*
EMC:	CISPR 25 Class 5	CISPR 25 Class 3
	*	*
	*	*
	*	*
Operating Temperatures:	*	*
Packing:	*	*

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NORDIC VIRGO LED SERIES

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



Features

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

Specifications

	N3101	N3102	N3103
Theoretical Lumens Output:	6700lm	4800lm	3700lm
Operational Lumens Output:	4200lm	3000lm	2300lm
Colour Temperature:	5700K	*	*
Nominal / Input Voltage DC:	12-24V	9-32V	*
Power Consumption:	50W	45W	40W
Nominal Current at:	24V	2.1A	1.9A
	12V	4.2A	3.8A
Electronics:	Integrated	*	*
Connector:	Built-in Deutsch 2-pin	*	*
Mount:	Single Bolt M10	*	*
Shock:	60G	*	*
Vibration:	15.3Grms 24-2000Hz	*	*
Lens:	PC	*	*
Body:	Aluminium	*	*
Weight:	1.3kg	*	*
IP Rating:	IP68	*	*
	IP6K9K	*	*
	SAE J1455	*	*
Salt Mist:	ISO 9227 240H	*	*
Light Patterns:	Wide Flood	*	Diffused
	Flood	*	Pencil Beam
	Diffused	*	High Beam
	High Beam	*	
	Low Beam	*	
EMC:	CISPR 25 Class 3	*	*
	ISO 13766	*	*
	ISO 14982	*	*
	ISO 7637-2	*	*
Operating Temperatures:	-40°C... +85°C (Overheat protected)	*	*
Packing:	12 pce / Box	*	*

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Specifications

N3104

N31

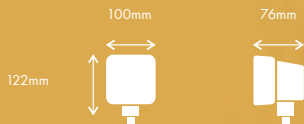
Theoretical Lumens Output:	3200lm	3400lm
Operational Lumens Output:	2000lm	2100lm
Colour Temperature:	*	*
Nominal / Input Voltage DC:	12-24V	*
Power Consumption:	*	35W
Nominal Current at:	24V	1.5A
	12V	3.0A
Electronics:	*	*
Connector:	*	*
Mount:	*	*
Shock:	*	*
Vibration:	*	*
Lens:	*	*
Body:	*	*
Weight:	*	1.6kg
IP Rating:	*	*
	*	*
	*	*
Salt Mist:	*	*
Light Patterns:	Wide Flood	*
	Flood	*
	Diffused	*
	High Beam	*
	Low Beam	*
EMC:	CISPR 25 Class 5	CISPR 25 Class 3
	*	*
	*	*
	*	*
Operating Temperatures:	*	*
Packing:	*	*

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NORDIC SPICA LED SERIES

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



Features

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

Specifications

N2401

N26

N24

Approvals:			
Theoretical Lumens Output:	1200lm	1100lm	1000lm
Operational Lumens Output:	750lm	700lm	600lm
Colour Temperature:	5700K	*	6000K
Nominal / Input Voltage DC:	12-24V	9-32V	9-32V
	12-80V	9-110V	
Power Consumption:	24W	17W	18W
Nominal Current at:	24V 1.0A	0.7A	0.75A
	12V 2.0A	1.4A	1.5A
	80V	0.21A	
	48V	0.35A	
Electronics:	Integrated / Isolated	*	*
Connector:	Built-in AMP	*	*
	Built-in Deutsch 2-pin	*	*
Mount:	Single Bolt M10	*	*
	Single Bolt M8	*	*
Shock:	60G	*	*
Vibration:	8Grms 24-2000Hz	*	*
Lens:	PC	*	*
Body:	Aluminium	*	*
Weight:	0.9kg	*	*
IP Rating:	IP68	*	*
	IP6K9K	*	*
	SAE J1455	*	*
Salt Mist:	ISO 9227 240H	*	*
Light Patterns:	Wide Flood	*	*
	Flood	*	*
	Diffused	*	*
	High Beam	*	*
EMC:	CISPR 25 Class 5	CISPR 25 Class 3	*
	EN 12895	*	*
	ISO 13766	*	*
	ISO 14982	*	*
	ISO 7637-2	*	*
Operating Temperatures:	-40°C... +85°C (Overheat protected)	*	*
Packing:	12 pce / Box	*	*

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Specifications

N24 HS

N24 R

Approvals:		ECE R23
Theoretical Lumens Output:	*	700lm
Operational Lumens Output:	*	450lm
Colour Temperature:	*	5000K
Nominal / Input Voltage DC:	12-24V	*
	12-80V	
Power Consumption:	*	15W
Nominal Current at:	24V	*
	12V	*
	80V	
	48V	
Electronics:	*	*
Connector:	*	*
	*	*
Mount:	*	*
	*	*
Shock:	*	*
Vibration:	*	*
Lens:	*	*
Body:	*	*
Weight:	*	*
IP Rating:	*	*
	*	*
	*	*
Salt Mist:	*	*
Light Patterns:	*	Reverse
	*	
	*	
EMC:	*	R10
	*	
	*	
	*	
Operating Temperatures:	*	*
Packing:	*	*

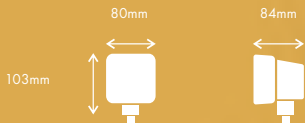
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NORDIC CANIS LED SERIES

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

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



Features

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

Specifications

N2001

N2002 R

Approvals:		ECE R23
Theoretical Lumens Output:	1600lm	770lm
Operational Lumens Output:	1000lm	480lm
Colour Temperature:	5700K	*
Nominal / Input Voltage DC:	12-48V	9-68V
Power Consumption:		13W
Nominal Current at:	48V	0.25A
	24V	0.5A
	12V	1.0A
Electronics:	Integrated	
Connector:	Built-in Deutsch 2-pin	
Mount:	Single Bolt M10	
	Single Bolt M8	
Shock:	60G	
Vibration:	15.3Grms 24-2000Hz	
Lens:	PC	
Body:	Aluminium	
Weight:	0.6kg	
IP Rating:	IP68	
	IP6K9K	
	SAE J1455	
Salt Mist:	ISO 9227 240H	
Light Patterns:	Wide Flood	Reverse
	Flood	
	Diffused	
	Super Wide	
	High Beam	
EMC:	CISPR 25 Class 3	
	EN 12895	
	ISO 13766	
	ISO 14982	
	ISO 7637-2	
	R10	
Operating Temperatures:	-40°C... +85°C (Overheat protected)	
Packing:	24 pce / Box	

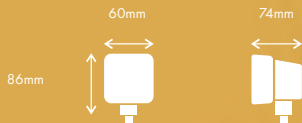
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NORDIC CAPELLA LED SERIES

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

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



Features

- Long Lifetime

Low Maintenance
- Waterproof

Heavy Duty Construction
- Reverse Voltage Protected

EMC
- Load Dump Protected

Over Voltage Protected
- Overheat Protected

Salt Mist
- Optically Even Light Distribution

Multi Voltage
- Ultra Compact

Low Power Consumption
- Light Weight

Modern Design

Specifications

N10 B

N10

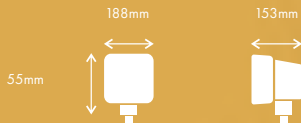
Theoretical Lumens Output:	550lm	*
Operational Lumens Output:	350lm	*
Colour Temperature:	6000K	*
Nominal / Input Voltage DC:	12-48V 9-68V	*
Power Consumption:	6W	*
Nominal Current at:	48V 0.13A	*
	24V 0.25A	*
	12V 0.5A	*
Electronics:	Integrated	*
Connector:	Built-in Deutsch 2-pin	*
Mount:	Single Bolt M10	*
Shock:	60G	*
Vibration:	15.3Grms 24-2000Hz	8Grms 24-2000Hz
Lens:	PC	*
Body:	Aluminium	*
Weight:	0.3kg	*
IP Rating:	IP68	*
	IP6K9K	*
	SAE J1455	*
Salt Mist:	ISO 9227 240H	*
Light Patterns:	Wide Flood	*
	Flood	*
EMC:	CISPR 25 Class 3	*
	EN 12895	*
	ISO 13766	*
	ISO 14982	*
	ISO 7637-2	*
Operating Temperatures:	-40°C... +85°C (Overheat protected)	*
Packing:	24 pce / Box	*

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NORDIC PICTOR LED SERIES

The Nordic PICTOR LED work light is a low LED work lamp for surface mount on the application body. The work lamp offers a good lighting solution especially i.e. mounted on booms. A solid construction for hard work.



Features

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

Specifications

N7301

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

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NORDIC TAURUS LED SERIES

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

Features



Long Lifetime



Waterproof



Reverse Voltage Protected



Load Dump Protected



Overheat Protected



Optically Even Light Distribution



Low Maintenance



Heavy Duty Construction



EMC



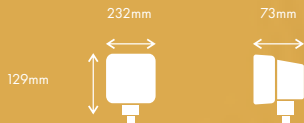
Over Voltage Protected



Salt Mist



Multi Voltage



Specifications

N7201

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

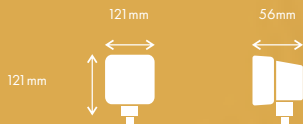
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NORDIC DORADO LED SERIES

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

The DORADO LED features Tail, Stop and Indicator light. Tell Tail compatible lamps work with all machines that uses bulb lights without needing additional flasher relay/ bulb simulation moduls. The DORADO LED is Tell Tail compatible and also available without this feature.



Features

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

Specifications

N70

Approvals:	ECE E17-10R
	ECE E4 6R & 7R
Nominal / Input Voltage DC:	24V 16-32V
	12V 8-16V
Power Consumption:	Brake 1.4W
	TellTail24V Indicator 18W
	TellTail12V Indicator 20W
	Indicator 1.4W
	Tail 0.4W
Nominal Current at 12V:	Brake 116mA
	TellTail Indicator 150mA
	Indicator 116mA
	Tail 34mA
Nominal Current at 24V:	Brake 58mA
	TellTail Indicator 75mA
	Indicator 58mA
	Tail 17mA
Electronics:	Integrated - Epoxy Encapsulated
Connector:	4 pin Male Terminal 6.3 x 0.8
Mount:	M6x25 2pcs
Shock:	60G
Vibration:	20Grms 24-2000Hz
Lens:	PC
Body:	Polyamide
Weight:	0.4kg
Salt Mist:	ISO 9227 240H
EMC:	EN 12895
	ISO 13766
	ISO 14982
	ISO 7637-2
Operating Temperatures:	-40°C... +85°C (Overheat protected)
Packing:	12 pce / Box

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NORDIC KL10XX LED SERIES

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

Features



Long Lifetime



Waterproof



Reverse Voltage Protected



Load Dump Protected



Overheat Protected



Optically Even Light Distribution



Compact



Low Maintenance



Heavy Duty Construction



EMC



Over Voltage Protected



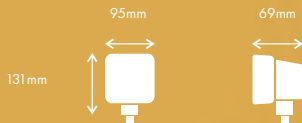
Salt Mist



Multi Voltage



Dimmable



Specifications

KL1001

KL1002

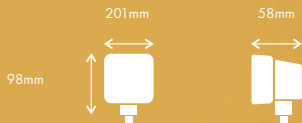
Theoretical Lumens Output:		1600lm	2400lm
Operational Lumens Output:		1000lm	1500lm
Colour Temperature:		5700K	*
Nominal Voltage DC:		12-24V	*
Input Voltage Range DC:		9-32V	*
Power Consumption:		24W	*
Nominal Current at:	24V	1.0A	*
	12V	2.0A	*
Electronics:		Integrated / Isolated	*
Connector:		Fly Leads	*
		Pigtail Deutsch 2-pin	*
Mount:		Single Bolt M10	*
		Single Bolt M8	*
Shock:		60G	*
Vibration:	HDBracket	8Grms 24-2000Hz	*
		N/A	*
Lens:		PC	*
Body:		Aluminium	*
Weight:		0.7kg	*
IP Rating:		IP68	*
		IP6K9K	*
		SAE J1455	*
Salt Mist:		ISO 9227 240H	*
		N/A	*
Light Patterns:		Flood	*
		Diffused	*
EMC:		CISPR 25 Class 5	*
		EN12895	*
		ISO 13766	*
		ISO 14982	*
		ISO 7637-2	*
Operating Temperatures:		-40°C... +85°C (Overheat protected)	
Packing:		12 pce / Box	

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NORDIC KL11XX LED SERIES

The Nordic KL11XX LED work light is a rectangular LED work lamp for surface mount on the application body. The KL11XX LED matches the basic introduction level needs for heavy duty lighting and is the right light when replacing halogen work lights.



Features

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

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:	24V 1.0A	*
	12V 2.0A	*
Electronics:	Integrated / Isolated	*
Connector:	Fly Leads	*
	Pigtail AMP	*
	Pigtail Deutsch 2-pin	*
	Pigtail PGJ19-5	*
Mount:	Integrated	*
Shock:	60G	*
Vibration:	8Grms 24-2000Hz	*
Lens:	PC	*
Body:	Aluminium	*
Weight:	0.45kg	*
IP Rating:	IP68	*
	IP6K9K	*
	SAE J1455	*
Salt Mist:	ISO 9227 240H	*
Light Patterns:	Flood	*
	Diffused	*
EMC:	CISPR 25 Class 5	*
	EN12895	*
	ISO 13766	*
	ISO 14982	*
	ISO 7637-2	*
Operating Temperatures:	-40°C... +85°C (Overheat protected)	*
Packing:	12 pce / Box	*

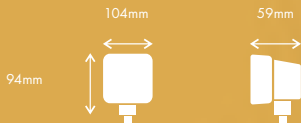
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NORDIC KL20XX LED SERIES

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

The lamp is available with three different bracket options.



Features

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

Specifications

KL2001

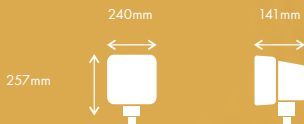
Theoretical Lumens Output:	1900lm
Operational Lumens Output:	1200lm
Colour Temperature:	5700K
Nominal / Input Voltage DC:	12-24V 9-32V
Nominal Current at:	24V 0.8A
	12V 1.7A
Electronics:	Integrated
Connector:	Built-in AMP
	Built-in Deutsch 2-pin
Mount:	Single Bolt M8
Shock:	60G
Vibration:	8Grms 24-2000Hz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

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NORDIC N2400 HID ELIMINATOR

The Nordic N2400 HID ELIMINATOR driving light gives a powerful high beam for heavy use especially designed for trucks. The stylish and modern Xenon light is equipped with high quality optics and sturdy die cast aluminium housing. The ECE-approved N2400 HID ELIMINATOR offers the driver a well-balanced light in a daylight-like colour temperature.



Features



Waterproof



High Light Output



Integrated Ballast



Integrated Parking Light



Stone Damage Protection included



Salt Mist



High Lumens / Watt Efficiency



ECE



The biggest auxiliary light on the market



Easy Mounting

Specifications

N2400HID

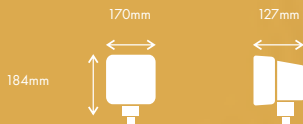
Approvals:	ECE	R40
Theoretical Lumens Output:	3200lm	
Operational Lumens Output:	2700lm	
Colour Temperature:	4250K	
Nominal Voltage DC:	12V	
	24V	
Input Voltage Range DC:	16-32V	
	8-16V	
Bulb:	35W D1S	
Parking Light:	LED	
Nominal Current at:	24V	1.5A
	12V	3.0A
Minimum Recommended Fuse:	24V	10A
	12V	20A
Electronics:	Integrated	
Connector:	Deutsch DT Series 3-pin	
Mount:	Single Bolt M10	
Lens:	Hardened Glass	
Body:	Aluminium	
Weight:	2.6kg	
IP Rating:	IP68	
Salt Mist:	ISO 9227 240H	
Light Patterns:	High Beam R40	
EMC:	E17 030214	
	E17 10R-030013	
Operating Temperatures:	-40°C... +85°C	
Packing:	4 pce / Box	

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NORDIC N1300 HID EXPLORER

The Nordic N1300 HID EXPLORER driving light features integrated ballast, high performance optics with compact design and sturdy die cast aluminium housing. The ECE-approved N1300 HID EXPLORER driving light will feel right at home whether fitted on a truck, SUV or pick-up truck. The Xenon lamp offers the driver a well-balanced light in a daylight-like colour temperature.



Features



High Light Output



High Lumens /
Watt Efficiency



Integrated Ballast



ECE



The smallest
auxiliary light on
the market



Stone Damage
Protection included



Easy Mounting

Specifications

N1300HID

Approvals:	ECE	R25
		R40
Theoretical Lumens Output:		3200lm
Operational Lumens Output:		2700lm
Colour Temperature:		4250K
Nominal Voltage DC:		12V
		24V
Input Voltage Range DC:		16-32V
		8-16V
Bulb:		35W D1S
Parking Light:		LED
Nominal Current at:	24V	1.5A
	12V	3.0A
Minimum Recommended Fuse:	24V	10A
	12V	20A
Electronics:		Integrated
Connector:		Deutsch DT Series 2-pin
Mount:		Single Bolt M10
Lens:		Hardened Glass
Body:		Aluminium
Weight:		1.3kg
Salt Mist:		ISO 9227 240H
Light Patterns:		High Beam R40
		High Beam R25
EMC:		E17 030214
		E17 10R-030013
Operating Temperatures:		-40°C... +85°C
Packing:		6 pce / Box

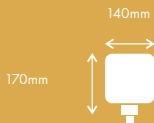
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NORDIC N400 HID SERIES

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

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



Features

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

Specifications

	N400 HID BOOSTER XD	N400 HID XD	N400HID BOOST- ER XD HS	N400 HID XD HS
Theoretical Lumens Output:	5200lm	3200lm	5200lm	3200lm
Operational Lumens Output:	3500lm	2500lm	3500lm	2500lm
Colour Temperature:	4250K	*	*	*
Nominal / Input Voltage DC:	24V 16-32V	*	*	*
	12V 8-16V	*	*	*
Bulb:	35W D1S	*	*	*
Nominal Current at:	24V 2.0A	1.5A	2.0A	1.5A
	12V 4.1A	3.0A	4.1A	3.0A
Electronics:	Integrated	*	*	*
Connector:	Built-in Deutsch 2-pin	*	*	*
	Pigtail Deutsch 2-pin	*	*	*
Mount:	Single Bolt M10	*	*	*
Shock:	50G	*	*	*
Vibration:	15.3Grms 24-2000Hz	*	*	*
Lens:	Hardened Glass	*	*	*
Body:	Glass Fibre Reinforced Polyamide	*	*	*
Weight:	1.3kg	*	*	*
IP Rating:	IP68	*	*	*
	IP6K9K	*	*	*
Salt Mist:	ISO 9227 240H	*	*	*
Light Patterns:	Wide Flood	*	*	*
	Flood	*	*	*
	High Beam	*	*	*
	Low Beam	*	*	*
EMC:	ISO 13766	*	*	*
Operating Temperatures:	-40°C... +85°C	*	*	*
Packing:	6 pce / Box	*	*	*

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NORDIC N200 HID SERIES

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

Features



Waterproof



Salt Mist



High Light Output



Extreme Heavy Duty Dampening



Integrated Ballast



Hardened Glass



Potted Electronics



Heavy Duty Construction



Distinct Light Pattern



High Lumens / Watt Efficiency



Heavy Duty Aluminium Housing



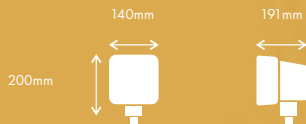
Gore™ Membrane Vent Installed



Interchangeable Light Unit



Versions for Mounting on Any Required Axis



Specifications

N200 HID XD

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

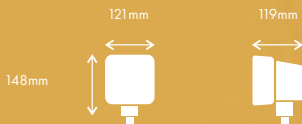
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NORDIC N45 HID SERIES

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

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



Features

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

Specifications

	N45 HID BOOSTER XD	N45 HID XD	N45 HID BOOSTER	N45 HID
Theoretical Lumens Output:	5200lm	3200lm	5200lm	3200lm
Operational Lumens Output:	3500lm	2500lm	3500lm	2500lm
Colour Temperature:	4250K	*	*	*
Nominal / Input Voltage DC:	24V 16-32V	*	*	*
	12V 8-16V	*	*	*
Bulb:	35W D1S	*	*	*
Nominal Current at:	24V 2.0A	1.5A	2.0A	1.5A
	12V 4.1A	3.0A	4.1A	3.0A
Electronics:	Integrated	*	*	*
Connector:	Built-in Deutsch 2-pin	*	*	*
	Pigtail Deutsch 2-pin	*	*	*
Mount:	Single Bolt M10	*	*	*
Shock:	50G	*	*	*
Vibration:	20Grms 24-2000Hz	*	15.3Grms 24-2000Hz	*
Lens:	Hardened Glass	*	*	*
Body:	Aluminium	*	*	*
Weight:	1.2kg	*	1.1kg	*
IP Rating:	IP68	*	*	*
	IP6K9K	*	*	*
	SAE J1455	*	*	*
Salt Mist:	ISO 9227 240H	*	*	*
Light Patterns:	Wide Flood	*	*	*
	Flood	*	*	*
	High Beam	*	*	*
	Low Beam	*	*	*
EMC:	ISO 13766	*	*	*
Operating Temperatures:	-40°C... +85°C	*	*	*
Packing:	12 pce / Box	*	*	*

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Specifications

N45 HID
BOOSTER H

N45 HID H

Theoretical Lumens Output:	5200lm	3200lm
Operational Lumens Output:	3500lm	2500lm
Colour Temperature:	*	*
Nominal / Input Voltage DC:	24V	*
	12V	*
Bulb:	*	*
Nominal Current at:	24V	2.0A
	12V	4.1A
Electronics:	*	*
Connector:	*	*
	*	*
Mount:	*	*
Shock:	*	*
Vibration:	*	*
Lens:	*	*
Body:	*	*
Weight:	*	*
IP Rating:	*	*
	*	*
	*	*
Salt Mist:	*	*
Light Patterns:	*	*
	*	*
	*	*
	*	*
EMC:	*	*
Operating Temperatures:	*	*
Packing:	*	*

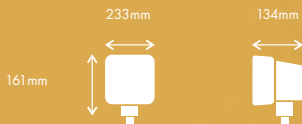
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NORDIC SCULPTOR LED SERIES

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

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



Features



Long Lifetime



Waterproof



Reverse Voltage Protected



Load Dump Protected



Overheat Protected



Optically Even Light Distribution



Multi Voltage



ECE



Low Maintenance



Heavy Duty Construction



EMC



Over Voltage Protected



Salt Mist



Distinct Light Pattern



Quake Dampening



Headlight, Indicator and Park Light in One Assembly

Specifications

N6001 LED QD

N6002 LED QD

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

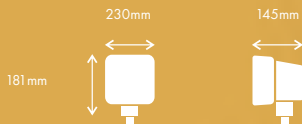
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NORDIC N5XX SERIES

The Nordic N500 Series is an ideal Heavy Duty headlight/indicator solution.

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



Features



Salt Mist



SAE



Headlight, Indicator and Park Light in One Assembly



Hardened Glass Combined with Polyamide Housing



ECE



Suitable and Easy Fit for Many Applications



Extra Wide Viewing Angle from Single Indicator Lamp



3-Point Vibration Dampening

Specifications

		N523 LED	N520 LED	N503 LED	N500 LED
Approvals:		ECE	*	*	*
		SAE	*	*	*
Colour Temperature:		3200K	*	*	*
Nominal / Input Voltage DC:	24V	16-32V	*	*	*
	12V	8-16V	*	*	*
Bulb ECE:	Headlight	24V 75/70W H4 (P43t)	*	*	*
	Park	24V W5W (W2.1x9.5d)	*	*	*
Bulb SAE:	Indicator	LED	*	*	*
	Headlight	9007 12V 65/55W HBS	*	*	*
	Indicator	LED	*	*	*
	Park	W5W 12V	*	*	*
Electronics:		Integrated	*	*	*
Connector:		Built-in AMP 6-pin	*	*	*
		Built-in Deutsch 6-pin	*	*	*
		Grommet	*	*	*
		Pigtail Deutsch 6-pin	*	*	*
Mount:		Single Bolt M10	*	*	*
Vibration:		10.8Grms 18-600Hz	N/A	10.8Grms 18-600Hz	N/A
Lens:		Hardened Glass	*	*	*
Body:		Polyamide	*	*	*
Weight:		1.5kg	*	*	*
IP Rating:		IP54	*	*	*
Salt Mist:		ISO 9227 240H	*	*	*
Light Patterns:		High Beam ECE	*	*	*
		Low Beam ECE	*	*	*
		High Beam SAE	*	*	*
		Low Beam SAE	*	*	*
Operating Temperatures:		-40°C ... +85°C	*	*	*
Packing:		6 pce / Box	*	*	*

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Specifications

N523 Halogen

N520 Halogen

N503 Halogen

N500 Halogen

Approvals:	*	*	*	*
	*	*	*	*
Colour Temperature:	*	*	*	*
Nominal / Input Voltage DC:	24V	*	*	*
	12V	*	*	*
Bulb ECE:	Headlight	*	*	*
	Park	*	*	*
	Indicator	24V PY21W (BAU15s)	*	*
Bulb SAE:	Headlight	*	*	*
	Indicator	P21W 12V BA15s	*	*
	Park	*	*	*
Electronics:	*	*	*	*
Connector:	*	*	*	*
	*	*	*	*
	*	*	*	*
	*	*	*	*
Mount:	*	*	*	*
Vibration:	10.8Grms 18-600Hz	N/A	10.8Grms 18-600Hz	N/A
Lens:	*	*	*	*
Body:	*	*	*	*
Weight:	*	*	*	*
IP Rating:	*	*	*	*
Salt Mist:	*	*	*	*
Light Patterns:	*	*	*	*
	*	*	*	*
	*	*	*	*
	*	*	*	*
Operating Temperatures:	*	*	*	*
Packing:	*	*	*	*

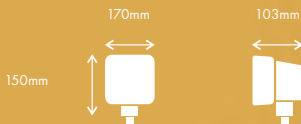
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NORDIC N300 HALOGEN SERIES

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

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



Features



Salt Mist



Light Weight



Hardened Glass



Twin Power



Very Good Light Pattern for Work around the Application



Heavy Duty Anti-Vibration Dampening



Handle And Switch



Reverse Light



Heavy Duty Glass Fibre Reinforced Housing



Suitable and Easy Fit for Many Applications



Twin Power Offering a Very Strong Wide Light Pattern



Non-dazzling



Rotate Light Unit for Pendant Mount



Available with Grill

Specifications

N300 SD
N300 SD TP
N300 D
N300 D TP

Approvals:					
Theoretical Lumens Output:	12V	1450lm	2900lm	1450lm	2900lm
	24V	1750lm	3500lm	1750lm	3500lm
Operational Lumens Output:	12V	1100lm	2200lm	1100lm	2200lm
	24V	1400lm	2800lm	1400lm	2800lm
Colour Temperature:		3200K	*	*	*
Nominal / Input Voltage DC:	24V	16-32V	*	*	16-23V
	36V	28-44V	*	*	*
	48V	33-68V	*	*	*
	80V	56-110V	*	*	*
	12V	8-16V	*	*	*
Bulb:		H3	*	*	*
Power Consumption:	12V	55W	2 x 55W	55W	2 x 55W
	24VHDBulb	65W		65W	
	24V	70W	2 x 70W	70W	2 x 70W
Nominal Current at:	80V	0.7A	1.4A	0.7A	1.4A
	48V	1.4A	2.8A	1.4A	2.8A
	36V	2.0A	4.0A	2.0A	4.0A
	24V	2.7A	5.4A	2.7A	5.4A
	12V	4.6A	9.2A	4.6A	9.2A
	36A				
Connector:		Built-in AMP	*	*	*
		Built-in Deutsch 2-pin	*	*	*
		Fly Leads	*	*	*
		Grommet	*	*	*
		Pigtail Deutsch 2-pin	*	*	*
Mount:		Single Bolt M10	*	*	*
		Single Bolt M8	*	*	*
Shock:		60G	*	*	*
Vibration:		8.57Grms 18-600Hz	*	*	*
Lens:		Hardened Glass	*	*	*
Body:		Glass Fibre Reinforced Polyamide	*	*	*
Weight:		0.5kg	*	*	*
IP Rating:		IP67 (not Grommet)	*	*	*
Salt Mist:		ISO 9227 240H	*	*	*
Light Patterns:		Wide Flood	*	*	*
Operating Temperatures:		-40°C... +85°C	*	*	*
Packing:		24 pce / Box	*	*	*

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Specifications

N300 D H

N300 D TP H

N300 D R

N300 D H GRILL

Approvals:				ECE R23	
Theoretical Lumens Output:	12V	1450lm	2900lm	550lm	1450lm
	24V	1750lm	3500lm	550 lm	1750lm
Operational Lumens Output:	12V	1100lm	2200lm	450lm	1100lm
	24V	1400lm	2800lm	450 lm	1400lm
Colour Temperature:		*	*	*	*
Nominal / Input Voltage DC:	24V	16-32V	*	*	*
	36V	*	*	*	*
	48V	*	*	*	*
	80V	*	*	*	*
	12V	*	*	*	*
Bulb:		*	*	*	*
Power Consumption:	12V	55W	2 x 55W	55W	*
	24VHDBulb	65W		65W	*
	24V	70W	2 x 70W	70W	*
Nominal Current at:	80V	0.7A	1.4A	0.7A	*
	48V	1.4A	2.8A	1.4A	*
	36V	2.0A		2.0A	*
	24V	2.7A	5.4A	2.7A	*
	12V	4.6A	9.2A	4.6A	*
	36A		4.0A		
Connector:		*	*	*	*
		*	*	*	*
		*	*	*	*
		*	*	*	*
		*	*	*	*
Mount:		*	*	*	*
		*	*	*	*
Shock:		*	*	*	*
Vibration:		*	*	*	*
Lens:		*	*	*	*
Body:		*	*	*	*
Weight:		*	*	*	*
IP Rating:		*	*	*	*
Salt Mist:		*	*	*	*
Light Patterns:		*	*	Reverse	Wide Flood
Operating Temperatures:		*	*	*	*
Packing:		*	*	*	*

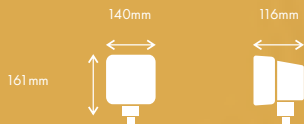
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NORDIC N200 HALOGEN SERIES

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

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



Features



Salt Mist



Extreme Heavy Duty Dampening



Suitable and Easy Fit for Many Applications



Heavy Duty Anti-Vibration Dampening



Handle



Different Lens Colour Versions Available



Light Weight



Hardened Glass Combined with Polyamide Housing



Rotate Light Unit for Vertical, Pendant or Side mount

Specifications

		N200 XD	N200 D	N200	N200 D H
Theoretical Lumens Output:	12V	1450lm	*	*	*
	24V	1750lm	*	*	*
Operational Lumens Output:	12V	1100lm	*	*	*
	24V	1400lm	*	*	*
Colour Temperature:		3200K	*	*	*
Nominal / Input Voltage DC:	24V	16-32V	*	*	*
	36V	28-44V	*	*	*
	48V	33-68V	*	*	*
	80V	56-110V	*	*	*
	12V	8-16V	*	*	*
Bulb:		H3	*	*	*
Power Consumption:	12V	55W	*	*	*
	24VHDBulb	65W	*	*	*
	24V	70W	*	*	*
Nominal Current at:	80V	0.7A	*	*	*
	48V	1.4A	*	*	*
	36V	2.0A	*	*	*
	24V	2.7A	*	*	*
	12V	4.6A	*	*	*
Connector:		Built-in AMP	*	*	*
		Built-in Deutsch 2-pin	*	*	*
		Fly Leads	*	*	*
		Grommet	*	*	*
		Pigtail Deutsch 2-pin	*	*	*
Mount:		Single Bolt M10	*	*	*
		Single Bolt M8	*	*	*
Shock:		60G			
Vibration:	XD	8.57Grms 18-600Hz	*		8.57Grms 18-600Hz
Lens:		Hardened Glass	*	*	*
Body:		Polyamide	*	*	*
Weight:		0.6kg	*	*	*
IP Rating:		IP67 (not Grommet)	*	*	*
Salt Mist:		ISO 9227 240H	*	*	*
Light Patterns:		Wide Flood	*	*	*
		Flood	*	*	*
		High Beam	*	*	*
		Low Beam	*	*	*
Operating Temperatures:		-40°C... +85°C	*	*	*
Packing:		16 pce / Box	*	*	*

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Specifications

N200 H

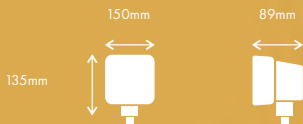
Theoretical Lumens Output:	12V	*
	24V	*
Operational Lumens Output:	12V	*
	24V	*
Colour Temperature:		*
Nominal / Input Voltage DC:	24V	*
	36V	*
	48V	*
	80V	*
	12V	*
Bulb:		*
Power Consumption:	12V	*
	24VHDBulb	*
	24V	*
Nominal Current at:	80V	*
	48V	*
	36V	*
	24V	*
	12V	*
Connector:		*
		*
		*
		*
		*
Mount:		*
		*
Shock:	XD	
Vibration:		
Lens:		*
Body:		*
Weight:		*
IP Rating:		*
Salt Mist:		*
Light Patterns:		*
		*
		*
Operating Temperatures:		*
Packing:		*

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NORDIC N100 HALOGEN SERIES

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



Features



Salt Mist



Suitable and Easy Fit for Many Applications



Twin Power



Very Good Light Pattern for Work around the Application



Rotate Light Unit for Pendant Mount



Light Weight



Hardened Glass Combined with Polyamide Housing



Twin Power Offering a Very Strong Wide Light Pattern



Heavy Duty Anti-Vibration Dampening



Side Mounting Option

Specifications

		N100 XD	N100 D	N100 D TP	N100
Theoretical Lumens Output:	12V	1450lm	*	2900lm	1450lm
	24V	1750lm	*	3500lm	1750lm
Operational Lumens Output:	12V	1100lm	*	2200lm	1100lm
	24V	1400lm	*	2800lm	1400lm
Colour Temperature:		3200K	*	*	*
Nominal / Input Voltage DC:	24V	16-32V	*	*	*
	36V	28-44V	*	*	*
	48V	33-68V	*	*	*
	80V	56-110V	*	*	*
	12V	8-16V	*	*	*
Bulb:		H3	*	*	*
Power Consumption:	12V	55W	*	2 x 55W	55W
	24VHDBulb	65W	*		65W
	24V	70W	*	2 x 70W	70W
Nominal Current at:	80V	0.7A	*	1.4A	0.7A
	48V	1.4A	*	2.8A	1.4A
	36V	2.0A	*	4.0A	2.0A
	24V	2.7A	*	5.4A	2.7A
	12V	4.6A	*	9.2A	4.6A
Connector:		Built-in AMP	*	*	*
		Built-in Deutsch 2-pin	*	*	*
		Fly Leads	*	*	*
		Grommet	*	*	*
		Pigtail Deutsch 2-pin	*	*	*
Mount:		Single Bolt M10	*	*	*
		Single Bolt M8	*	*	*
Shock:	XD	60G			
Vibration:		8.57Grms 18-600Hz	*	*	
Lens:		Hardened Glass	*	*	*
Body:		Polyamide	*	*	*
Weight:		0.5kg	*	*	*
IP Rating:		IP67 (not Grommet)	*	*	*
Salt Mist:		ISO 9227 240H	*	*	*
Light Patterns:		Wide Flood	*	*	*
		Flood	*	*	*
Operating Temperatures:		-40°C... +85°C	*	*	*
Packing:		16 pce / Box	12 pce / Box	*	*

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Specifications

N100 TP

N100 S

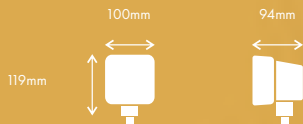
Theoretical Lumens Output:	12V	2900lm	1450lm
	24V	3500lm	1750lm
Operational Lumens Output:	12V	2200lm	1100lm
	24V	2800lm	1400lm
Colour Temperature:		*	*
Nominal / Input Voltage DC:	24V	*	*
	36V	*	*
	48V	*	*
	80V	*	*
	12V	*	*
Bulb:		*	*
Power Consumption:	12V	2 x 55W	55W
	24VHDBulb		
	24V	2 x 70W	70W
Nominal Current at:	80V	1.4A	0.7A
	48V	2.8A	1.4A
	36V	4.0A	2.0A
	24V	5.4A	2.7A
	12V	9.2A	4.6A
Connector:		*	*
		*	*
		*	*
		*	*
		*	*
Mount:		*	*
		*	*
Shock:	XD		
Vibration:			
Lens:		*	*
Body:		*	*
Weight:		*	*
IP Rating:		*	*
Salt Mist:		*	*
Light Patterns:		*	*
		*	*
Operating Temperatures:		*	*
Packing:		*	*

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NORDIC N25 HALOGEN SERIES

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



Features



Salt Mist



Reverse Light



Hardened Glass



Indicator



Heavy Duty
Anti-Vibration
Dampening



Compact



Light Weight



Suitable and
Easy Fit for Many
Applications



Hardened Glass
Combined with
Polyamide Housing



Rotate Light Unit for
Pendant Mount

Specifications

N25 D

N25

N25 D R

N25 R

Approvals:				ECE R23	*
Theoretical Lumens Output:	12V	1450lm	*	550lm	1450lm
	24V	1750lm	*	550 lm	1750lm
Operational Lumens Output:	12V	1100lm	*	450lm	1100lm
	24V	1400lm	*	450 lm	1400lm
Colour Temperature:		3200K	*	*	*
Nominal / Input Voltage DC:	24V	16-32V	*	*	*
	36V	28-44V	*	*	*
	48V	33-68V	*	*	*
	80V	56-110V	*	*	*
	12V	8-16V	*	*	*
Bulb:		H3	*	*	*
	12V				
	24V				
Power Consumption:	12V	55W	*	*	*
	24VHDBulb	65W	*	*	*
	24V	70W	*	*	*
Nominal Current at:	80V	0.7A	*	*	*
	48V	1.4A	*	*	*
	36V	2.0A	*	*	*
	24V	2.7A	*	*	*
	12V	4.6A	*	*	*
Connector:		Built-in AMP	*	*	*
		Built-in Deutsch 2-pin	*	*	*
		Fly Leads	*	*	*
		Grommet	*	*	*
		Pigtail Deutsch 2-pin	*	*	*
Mount:		Single Bolt M10	*	*	*
		Single Bolt M8	*	*	*
Shock:	D	60G		60G	
Vibration:	D	8.57Grms 18-600Hz		8.57Grms 18-600Hz	
Lens:		Hardened Glass	*	*	*
Body:		Polyamide	*	*	*
Weight:		0.4kg	*	*	*
IP Rating:		IP67 (not Grommet)	*	*	*
Salt Mist:		ISO 9227 240H	*	*	*
Light Patterns:		Wide Flood	*	Reverse	*
		Flood	*		
		High Beam	*		
		Low Beam	*		
Operating Temperatures:		-40°C ... +85°C	*	*	*
Packing:		36 pce / Box	*	*	*

Specifications

N25 D I

N25 I

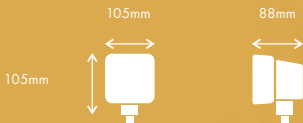
Approvals:	ECE		*
Theoretical Lumens Output:	12V		
	24V		
Operational Lumens Output:	12V		
	24V		
Colour Temperature:			
Nominal / Input Voltage DC:	24V	*	*
	36V		
	48V		
	80V		
	12V	*	*
Bulb:			
	12V	12V P21W (BA15s)	*
	24V	24V P21W (BA15s)	*
Power Consumption:	12V		
	24VHDBulb		
	24V		
Nominal Current at:	80V		
	48V		
	36V		
	24V	0.9A	*
	12V	1.8A	*
Connector:	*	*	*
	*	*	*
	*	*	*
Mount:	*	*	*
	*	*	*
Shock:	D	TBD	
Vibration:	D	TBD	
			5G 9-500Hz
Lens:	PC		*
Body:	*		*
Weight:	*		*
IP Rating:	IP68		*
	IP6K9K		*
Salt Mist:	*		*
Light Patterns:			
Operating Temperatures:	*		*
Packaging:	12 pce / Box		*



NORDIC KL13XX LED FLUSHMOUNT SERIES

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

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



Features

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

Specifications

	KL1301	KL1302	KL1303	KL1304
Theoretical Lumens Output:	1600lm	2400lm	1600lm	2400lm
Operational Lumens Output:	1000lm	1500lm	1000lm	1500lm
Colour Temperature:	5700K	*	*	*
Nominal / Input Voltage DC:	12-24V	9-32V	*	*
Power Consumption:	24W	*	*	*
Nominal Current at:	24V	1.0A	*	*
	12V	2.0A	*	*
Electronics:	Integrated / Isolated	*	*	*
Connector:	Fly Leads	*	*	*
	Pigtail AMP	*	*	*
	Pigtail Deutsch 2-pin	*	*	*
	Pigtail PGJ19-5	*	*	*
Mount:	Integrated	*	*	*
Shock:	60G	*	*	*
Vibration:	8Grms 24-2000Hz	*	*	*
Lens:	PC	*	*	*
Body:	Aluminium	*	*	*
Weight:	0.45kg	*	*	*
IP Rating:	IP68	*	*	*
	IP6K9K	*	*	*
	SAE J1455	*	*	*
Salt Mist:	ISO 9227 240H	*	*	*
Light Patterns:	Flood	*	*	*
	Diffused	*	*	*
EMC:	CISPR 25 Class 5	*	*	*
	EN12895	*	*	*
	ISO 13766	*	*	*
	ISO 14982	*	*	*
	ISO 7637-2	*	*	*
Operating Temperatures:	-40°C... +85°C (Overheat protected)	*	*	*
Packing:	12 pce / Box	*	*	*

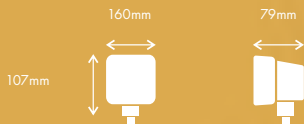
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NORDIC N300 HALOGEN FLUSHMOUNT SERIES

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

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



Features



Salt Mist



Heavy Duty Glass
Fibre Reinforced
Housing



Interchangeable
Light Unit



Twin Power



Very Good
Light Pattern for
Work around the
Application



Integrated Into
Application



Light Weight



Hardened Glass



Suitable and
Easy Fit for Many
Applications



Twin Power
Offering a Very
Strong Wide Light
Pattern



Non-dazzling

Specifications

		N300 F0°	N300 TP F0°	N300 F5°	N300 F5° TP
Theoretical Lumens Output:	12V	1450lm	2900lm	1450lm	2900lm
	24V	1750lm	3500lm	1750lm	3500lm
Operational Lumens Output:	12V	1100lm	2200lm	1100lm	2200lm
	24V	1400lm	2800lm	1400lm	2800lm
Colour Temperature:		3200K	*	*	*
Nominal / Input Voltage DC:	24V	16-32V	*	*	*
	36V	28-44V	*	*	*
	48V	33-68V	*	*	*
	80V	56-110V	*	*	*
	12V	8-16V	*	*	*
Bulb:		H3	*	*	*
Power Consumption:	12V	55W	2 x 55W	55W	2 x 55W
	24VHDBulb	65W		65W	
	24V	70W	2 x 70W	70W	2 x 70W
Nominal Current at:	80V	0.7A	1.4A	0.7A	1.4A
	48V	1.4A	2.8A	1.4A	2.8A
	36V	2.0A	4.0A	2.0A	4.0A
	24V	2.7A	5.4A	2.7A	5.4A
	12V	4.6A	9.2A	4.6A	9.2A
Connector:		AMP Terminal	*	*	*
Mount:		Integrated	*	*	*
Lens:		Hardened Glass	*	*	*
Body:		Glass Fibre Reinforced Polyamide	*	*	*
Weight:		0.7kg	*	*	*
Salt Mist:		ISO 9227 240H	*	*	*
Light Patterns:		Wide Flood	*	*	*
Operating Temperatures:		-40°C ... +85°C	*	*	*
Packing:		24 pce / Box	*	*	*

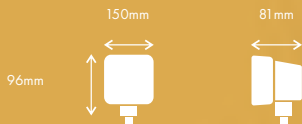
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NORDIC N100 HALOGEN FLUSHMOUNT SERIES

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

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



Features



Salt Mist



Hardened Glass



Suitable and Easy Fit for Many Applications



Twin Power Offering a Very Strong Wide Light Pattern



Integrated Into Application



Light Weight



Interchangeable Light Unit



Twin Power



Very Good Light Pattern for Work around the Application

Specifications

		N100 F0°	N100 F0° TP	N100 F5°	N100 F5° TP	N100 FB5°
Theoretical Lumens Output:	12V	1450lm	2900lm	1450lm	2900lm	1450lm
	24V	1750lm	3500lm	1750lm	3500lm	1750lm
Operational Lumens Output:	12V	1100lm	2200lm	1100lm	2200lm	1100lm
	24V	1400lm	2800lm	1400lm	2800lm	1400lm
Colour Temperature:		3200K	*	*	*	*
Nominal / Input Voltage DC:	24V	16-32V	*	*	*	*
	36V	28-44V	*	*	*	*
	48V	33-68V	*	*	*	*
	80V	56-110V	*	*	*	*
	12V	8-16V	*	*	*	*
Bulb:		H3	*	*	*	*
Power Consumption:	12V	55W	2 x 55W	55W	2 x 55W	55W
	24VHDBulb	65W		65W		65W
	24V	70W	2 x 70W	70W	2 x 70W	70W
Nominal Current at:	80V	0.7A	1.4A	0.7A	1.4A	0.7A
	48V	1.4A	2.8A	1.4A	2.8A	1.4A
	36V	2.0A	4.0A	2.0A	4.0A	2.0A
	24V	2.7A	5.4A	2.7A	5.4A	2.7A
	12V	4.6A	9.2A	4.6A	9.2A	4.6A
Connector:		AMP Terminal	*	*	*	*
Mount:		Integrated	*	*	*	*
Lens:		Hardened Glass	*	*	*	*
Body:		Polyamide	*	*	*	*
Weight:		0.5kg	*	*	*	*
Salt Mist:		ISO 9227 240H	*	*	*	*
Light Patterns:		Wide Flood	*	*	*	*
		Flood	*	*	*	*
Operating Temperatures:		-40°C ... +85°C	*	*	*	*
Packing:		12 pce / Box	*	*	*	*

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Specifications

N100 FB5° TP

N100 F27°

N100 F27° TP

Theoretical Lumens Output:	12V	2900lm	1450lm	2900lm
	24V	3500lm	1750lm	3500lm
Operational Lumens Output:	12V	2200lm	1100lm	2200lm
	24V	2800lm	1400lm	2800lm
Colour Temperature:		*	*	*
Nominal / Input Voltage DC:	24V	*	*	*
	36V	*	*	*
	48V	*	*	*
	80V	*	*	*
	12V	*	*	*
Bulb:		*	*	*
Power Consumption:	12V	2 x 55W	55W	2 x 55W
	24VHDBulb		65W	
	24V	2 x 70W	70W	2 x 70W
Nominal Current at:	80V	1.4A	0.7A	1.4A
	48V	2.8A	1.4A	2.8A
	36V	4.0A	2.0A	4.0A
	24V	5.4A	2.7A	5.4A
	12V	9.2A	4.6A	9.2A
Connector:		*	*	*
Mount:		*	*	*
Lens:		*	*	*
Body:		*	*	*
Weight:		*	*	*
Salt Mist:		*	*	*
Light Patterns:		*	*	*
		*	*	*
Operating Temperatures:		*	*	*
Packing:		*	*	*

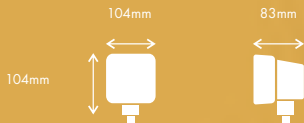
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NORDIC N25 HALOGEN FLUSHMOUNT SERIES

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

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



Features



Salt Mist



Light Weight



Interchangeable
Light Unit



Very Good
Light Pattern for
Work around the
Application



Compact



Hardened Glass



Suitable and
Easy Fit for Many
Applications



Integrated Into
Application

Specifications

N25 F0°

N25 FB12°

SNAP-IN

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





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SPARE PARTS

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

Products












	Part Nr	Model	Pcs/Box
	906-248	Harness Deutsch/Stripped 1m	6
	LED Brackets		
	906-265B	CENTAURUS LED N460 Bracket Assembly	1
	906-273B	SCORPIUS LED N44XX Damp Bracket Assembly	1
	906-274B	SCORPIUS LED N44XX Undamp Bracket Assembly	1
	906-372B	SCORPIUS LED N44XX Raked Undamp Bracket Assembly	1

Part Nr Brackets	Model		Pcs/Box
	906-278	Bracket Omega 10mm Black	12
	906-282	Bracket Omega 8mm Black	12
	906-288	Bracket Assembly 30/8D + M8x25	12
Connector Parts			
	906-246	AMP 2-Pin Receptacles Housing 180923	10
	906-247	Gasket AMP Protection	10
	906-194	Deutsch Connector Assembly DT06-25 NORDIC	10
HID Bulbs			
	906-934	Bulb HID 35W D1S	10
	906-935	Bulb HID 35W D2S	10
Halogen Bulbs			
	906-250B	Bulb H3 80V 55W PK22s	48
	906-249B	Bulb H3 48V 50W PK22s LL	48

Part Nr
Halogen Bulbs

Model

Pcs/Box












	906-255B	Bulb H3 24V 65W PK22s	48
	906-256B	Bulb H3 24V 70W PK22s	48
	906-254B	Bulb H3 12V 55W PK22s	48
	906-287B	Bulb H3 12V 55W PK22s LL	48
LED Lenses			
	906-260B	CENTAURUS LED N460 Lens Assembly Wide Flood	1
	906-261B	CENTAURUS LED N460 Lens Assembly Flood	1
	906-161B	CENTAURUS LED N460 Lens Assembly Low Beam	1
	906-263B	CENTAURUS LED N460 Lens Assembly High Beam	1
	906-268B	SCORPIUS LED N44XX Lens Assembly Wide Flood	1
	906-269B	SCORPIUS LED N44XX Lens Assembly Flood	1
	906-270B	SCORPIUS LED N44XX Lens Assembly Low Beam	1

Part Nr
LED Lenses

Model

Pcs/Box












SPARE PARTS

	906-271B	SCORPIUS LED N44XX Lens Assembly High Beam	1
	906-305B	SPICA LED N24XX Lens Assembly Wide Flood	1
	906-306B	SPICA LED N24XX Lens Assembly Flood	1
	906-307B	SPICA LED N24XX Lens Assembly High Beam	1
	906-364B	VIRGO LED N31XX Lens Assembly Wide Flood	1
	906-365B	VIRGO LED N31XX Lens Assembly Flood	1
	906-366B	VIRGO LED N31XX Lens Assembly High Beam	1
	906-367B	VIRGO LED N31XX Lens Assembly Low Beam	1
	906-368B	ANTARES LED N33XX Lens Assembly Wide Flood	1
	906-369B	ANTARES LED N33XX Lens Assembly Flood	1
	906-370B	ANTARES LED N33XX Lens Assembly High Beam	1

Part Nr
LED Lenses

Model

Pcs/Box












	906-371B	ANTARES LED N33XX Lens Assembly Low Beam	1
	906-982	CANIS LED N2001 Lens Assembly Wide Flood	1
	906-985	CANIS LED N2001 Lens Assembly Flood	1
	906-986	CANIS LED N2001 Lens Assembly Super Wide	1
	906-987	CANIS LED N2001 Lens Assembly High Beam	1
	906-308B	CAPELLA LED N10 Lens Assembly Wide Flood	1
	906-309B	CAPELLA LED N10 Lens Assembly Flood	1
HID (Xenon) Light Units			
	906-909B	N200HID/N400HID Light Unit Amber	12
	906-950B	N200HID/N400HID Light Unit Low Beam Yellow NORDIC	12
	906-902B	N200HID/N400HID Light Unit High Beam	12
	906-901B	N200HID/N400HID Light Unit Low Beam	12

Part Nr
HID (Xenon) Light Units

Model

Pcs/Box












SPARE PARTS

	906-928B	N400HID Light Unit Flood NORDIC	12
	906-927B	N400HID Light Unit Wide Flood NORDIC	12
	906-925B	N200HID Light Unit Wide Flood NORDIC	12
	906-926B	N200HID Light Unit Flood NORDIC	12
	906-922B	N45HID Light Unit Wide Flood NORDIC	12
	906-921B	N45HID Light Unit Flood NORDIC	12
	906-949B	N45HID Light Unit High Beam NORDIC	12
	906-971B	N45HID Light Unit Low Beam NORDIC	12
	906-968B	N45HID Bezel Assembly	12
Halogen Light Units			
	906-180B	N300SP Light Unit	12
	906-174B	N300TP Light Unit	24

Part Nr
Halogen Light Units

Model

Pcs/Box

	906-289B	N300 Light Unit Reverse ECE NORDIC	12
	906-021B	N200 Light Unit High Beam	12
	906-079	N200 Light Unit Low Beam	12
	906-229B	N200 Light Unit Wide Flood NORDIC	12
	906-230B	N200 Light Unit Flood NORDIC	12
	906-257B	N200 Light Unit Low Beam Yellow NORDIC	12
	906-043	N200 Light Unit Flood Amber	12
	906-056	N200 Light Unit Flood Red	12
	906-231B	N100 Light Unit Wide Flood NORDIC	12
	906-232B	N100 Light Unit Flood NORDIC	12
	906-251B	N100TP Light Unit Wide Flood NORDIC	12

Part Nr
Halogen Light Units

Model

Pcs/Box

SPARE PARTS

	906-252B	N100TP Light Unit Flood NORDIC	12
	906-233B	N25 Light Unit Wide Flood NORDIC	24
	906-234B	N25 Light Unit Flood NORDIC	12
	906-212B	N25 Light Unit Reverse ECE NORDIC	12
	906-210B	N25 Light Unit High Beam NORDIC	12
<i>HID (Xenon) Ballast</i>			
	906-956	HID Ballast D1 12V 35W Gen5	12
	906-957	HID Ballast D1 24V 35W Gen5	12
<i>Magnet Bracket</i>			
	906-988	Bracket Magnet Assembly	6

Warranty

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



LIGHTS FOR
HEAVY DUTY



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PRODUCT RANGE
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