

Norse Light Searchlights



Norse Light Suez Kanaal searchlights type SH 510 Suez

Designed to meet applicable marine requirements.
 Certified in accordance with the Suez Canal Authorities
 Water and gas-tight drum with ventilation and safety valve.

Specifications:

SH 510 Suez Canal Searchlights are designed for installations on all sizes of vessels using the canal and comply fully with the regulations of the Suez Canal Authorities.

The searchlight can be easily moved from the storage and mounted on deck by a single person, due to the low weight and convenient lifting handles. All the components are chosen to withstand corrosion and require minimum of maintenance.

The SH 510 Suez Canal Searchlights are equipped with dual projector lamps with external switchover arrangement in case of burn out.

Protection class IP56, weight 30 kilo
 Ambient temperature -40°C till +50°C

Light source:

Vessels above 30.000 DWT shall be equipped with a searchlight of 3000W, and vessels less than 30.000 DWT with 2000W lamps included.

Optics:

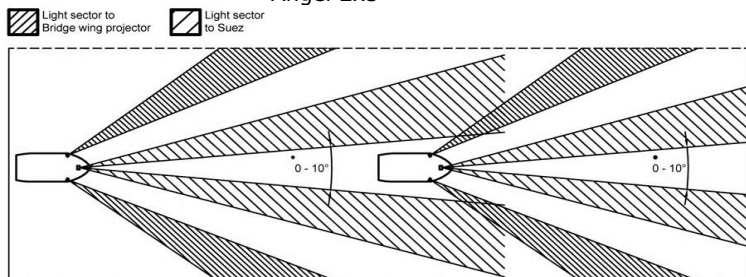
SH 510 produces two horizontal lightbeams of 5° with a dark central sector of 10°
 SH 510 is delivered with hardened temperature resistant front glass and controllable split reflector, made of durable silver-plated glass.

Options:

- Storage bow
- Eex de IIC T6 plug, socket and switch
- IP56 plug and socket
- Front glass cover
- Canvas Cover



Number	Description
89NL2005005	SH5100 2000W 230V GY16 Range 1850 meter at 1 lux Angel 2x5°
89NL2005007	SH5100 2000W 115V GY16 Range 1850 meter at 1 lux Angel 2x5°
89NL2005006	SH5100 3000W 230V GY16 Range 2056 meter at 1 lux Angel 2x5°
89NL2005008	SH5100 3000W 115V GY16 Range 2056 meter at 1 lux Angel 2x5°



Norse Light direct operated searchlights type SH-D Halogen

Designed to meet applicable marine requirements.
Stainless steel fork, screws and nuts.
Heat resistant, silicone rubber front ring gasket.

Specifications:

Halogen searchlights SH260, SH310, SH370, SH470 and SH480 are suitable for all kind of ships.
Build with corrosion resistant components and designed for extreme marine environments which require minimum maintenance.
Light weight and simple to mount, these searchlights provide reliable lighting in all kinds of temperatures.
Protection class IP56.
Ambient temperature -40°C till +50°C

Light source:

Halogen lamp with sockets and wattages as given in product table.
Lamp included.

Mounting:

D (Direct operated) or DH (Direct operated high) with pedestal for high mounting.

Optics:

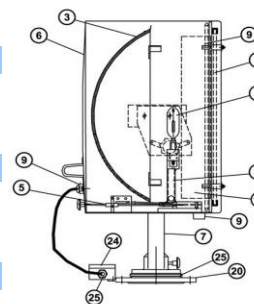
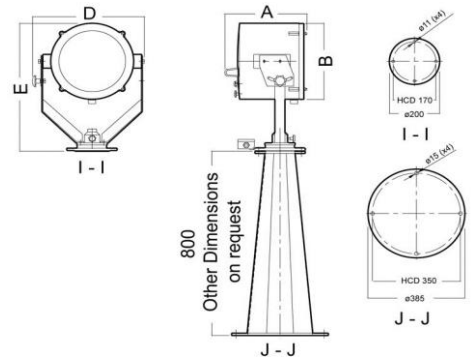
Adjustable beam. Hardened front glass and durable silver-plated glass reflector, specially designed for halogen bulbs.
With anti-dazzle louvre.

Options:

Spread filter
Canvas cover
Morse shutter
Pedestal for high mounting
More variants on request available.



Number	Description	Weight
89NL100108120	SH 260 D 250W 24V, lamp base GY6.35 Range 2454 meter at 1 lux Diameter Ø 327 meter Angel 7.6°	11.0 kilo
89NL100108125	SH 260 DH 250W 24V, lamp base GY6.35 Range 2454 meter at 1 lux Diameter Ø 327 meter Angel 7.6°	19.0 kilo
89NL100110120	SH 310 D 500W 24V, lamp base E40 Range 2063 meter at 1 lux Diameter Ø 210 meter Angel 5.8°	15.0 kilo
89NL100110125	SH 310 DH 500W 24V, lamp base E40 Range 2063 meter at 1 lux Diameter Ø 210 meter Angel 5.8°	23.0 kilo
89NL100120420	SH 310 D 1000W 115V, lamp base GX9.5 Range 1540 meter at 1 lux Diameter Ø 229 meter Angel 11°	15.0 kilo
89NL100110420	SH 310 D 1000W 230V, lamp base GX9.5 Range 1540 meter at 1 lux Diameter Ø 229 meter Angel 11°	15.0 kilo
89NL100120425	SH 310 DH 1000W 115V, lampbase GX9.5 Range 1540 meter at 1 lux Diameter Ø 229 meter Angel 11°	23.0 kilo
89NL100110425	SH 310 DH 1000W 230V, lamp base GX9.5 Range 1540 meter at 1 lux Diameter Ø 229 meter Angel 11°	23.0 kilo



POS	Spare parts
Halogen D/DH	
1	Front Ring, Complete
2	Lamp code
3	Reflector, Complete
4	Lamp Holder, Complete
5	Focus unit, Complete
5	Focus screw complete Manual
6	Drum, Complete
7	Forks
9	Seal KIT, Drum
10	Antidazzling screen, Complete
20	Deck Flange, Complete
24	Junction BOX, manual, Complete
25	Gasket KIT, Deck Flange
N/A	Heat Element Drum

Number	Description	Weight
89NL100121520	SH 470 D 2000W 115V, lamp base GY16 Range 2366 meter at 1 lux Diameter Ø 390 meter Angel 10.8°	22.0 kilo
89NL100111520	SH 470 D 2000W 230V, lamp base GY16 Range 2366 meter at 1 lux Diameter Ø 390 meter Angel 10.8°	22.0 kilo
89NL100121520	SH 470 DH 2000W 115V, lamp base GY16 Range 2366 meter at 1 lux Diameter Ø 390 meter Angel 10.8°	30.0 kilo
89NL100111520	SH 470 DH 2000W 230V, lamp base GY16 Range 2366 meter at 1 lux Diameter Ø 390 meter Angel 10.8°	30.0 kilo
89NL100111620	SH 480 D 3000W 230V, lamp base G38 Range 2100 meter at 1 lux Diameter Ø 451 meter Angel 10.8°	26.0 kilo
89NL100111625	SH 480 DH 3000W 230V, lamp base G38 Range 2100 meter at 1 lux Diameter Ø 451 meter Angel 12°	34.0 kilo



Norse Light searchlight bridge operated SH B Halogen

Designed to meet applicable marine requirements.
Stainless steel fork, screws and nuts.
Heat resistant, silicone rubber front ring gasket.

Specifications:

Halogen searchlights SH260, SH310, SH370, SH470 and SH480 are suitable for all kind of ships. Build with corrosion resistant components and designed for extreme marine environments which require minimum maintenance. Light weight and simple to mount, these searchlights provide reliable lighting in all kinds of temperatures. Protection class IP56. Ambient temperature -40°C till +50°C

Light source:

Halogen lamp with sockets and wattages as given in product table.
Lamp included.

Mounting:

BS (Bridge Operated Short) or BH (Bridge Operated Long) with pedestal for high mounting.

Optics:

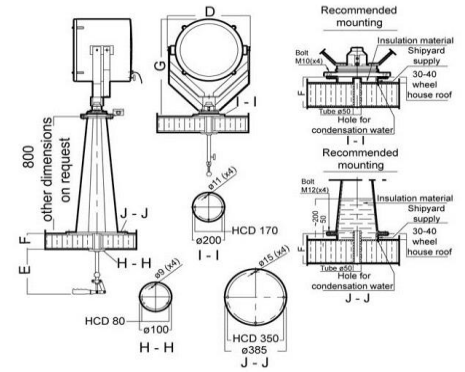
Adjustable beam. Hardened front glass and durable silver-plated glass reflector, specially designed for halogen bulbs. With anti-dazzle louvre.

Options:

Spread filter
Canvas cover
Morse shutter
Pedestal for high mounting
More variants on request available.



Number	Description	Weight
89NL100108000	SH 260 B 250W 24V, lamp base GY6.35 Range 2454 meter at 1 lux Diameter Ø 327 meter Angel 7.6°	12.0 kilo
89NL100108030	SH 260 BS 250W 24V, lamp base GY6.35 Range 2454 meter at 1 lux Diameter Ø 327 meter Angel 7.6°	12.0 kilo
89NL100108035	SH 260 BH 250W 24V, lamp base GY6.35 Range 2454 meter at 1 lux Diameter Ø 327 meter Angel 7.6°	26.5 kilo
89NL100108400	SH 310 B 500W 24V, lamp base E40 Range 2063 meter at 1 lux Diameter Ø 210 meter Angel 5.8°	17.5 kilo
89NL100108430	SH 310 BS 500W 24V, lamp base E40 Range 2063 meter at 1 lux Diameter Ø 210 meter Angel 5.8°	17.5 kilo
89NL100108435	SH 310 BH 500W 24V, lamp base E40 Range 2063 meter at 1 lux Diameter Ø 210 meter Angel 5.8°	31.0 kilo
89NL100128700	SH 310 B 1000W 115V, lamp base GX9.5 Range 1540 meter at 1 lux Diameter Ø 229 meter Angel 11°	17.5 kilo
89NL100108700	SH 310 B 1000W 230V, lamp base GX9.5 Range 1540 meter at 1 lux Diameter Ø 229 meter Angel 11°	17.5 kilo
89NL100128730	SH 310 BS 1000W 115V, lamp base GX9.5 Range 1540 meter at 1 lux Diameter Ø 229 meter Angel 11°	17.5 kilo
89NL100108730	SH 310 BS 1000W 230V, lamp base GX9.5 Range 1540 meter at 1 lux Diameter Ø 229 meter Angel 11°	17.5 kilo
89NL100128735	SH 310 BH 1000W 115V, lamp base GX9.5 Range 1540 meter at 1 lux Diameter Ø 229 meter Angel 11°	31.0 kilo
89NL100108735	SH 310 BH 1000W 230V, lamp base GX9.5 Range 1540 meter at 1 lux Diameter Ø 229 meter Angel 11°	31.0 kilo
89NL100129800	SH 470 B 2000W 115V, lamp base GY16 Range 2366 meter at 1 lux Diameter Ø 390 meter Angel 10.8°	23.0 kilo
89NL100109800	SH 470 B 2000W 230V, lamp base GY16 Range 2366 meter at 1 lux Diameter Ø 390 meter Angel 10.8°	23.0 kilo
89NL100129830	SH 470 BS 2000W 115V, lamp base GY16 Range 2366 meter at 1 lux Diameter Ø 390 meter Angel 10.8°	23.0 kilo
89NL100109830	SH 470 BS 2000W 230V, lamp base GY16 Range 2366 meter at 1 lux Diameter Ø 390 meter Angel 10.8°	23.0 kilo



Number	Description	Weight
89NL100129835	SH 470 BH 2000W 115V, lamp base GY16 Range 2366 meter at 1 lux Diameter Ø 390 meter Angel 10.8°	37.5 kilo
89NL100109835	SH 470 BH 2000W 230V, lamp base GY16 Range 2366 meter at 1 lux Diameter Ø 390 meter Angel 10.8°	37.5 kilo
89NL100112000	SH 480 B 3000W 230V, lamp base G38 Range 2100 meter at 1 lux Diameter Ø 451 meter Angel 10.8°	27.0 kilo
89NL100112030	SH 480 BS 3000W 230V, lamp base G38 Range 2100 meter at 1 lux Diameter Ø 451 meter Angel 10.8°	27.0 kilo
89NL100112035	SH 480 BH 3000W 230V, lamp base G38 Range 2100 meter at 1 lux Diameter Ø 451 meter Angel 12°	41.5 kilo



Norse Light direct operated searchlight type XS D-DH Xenon

Designed to meet applicable marine requirements.
Heat-resistant, silicone rubber front ring gasket.
Seawater resistant aluminium housing finished with white polyester powder coating.
Protection class IP56.
Ambient temperature -40°C till +50°C

Specifications:

Xenon searchlights XS 500, XS 1000, XS 1600, XS 2000 and XS 3000 are suitable for all kinds of ships. Built with corrosion resistant components, and designed for extreme marine environments which require minimum maintenance. Stainless steel forks, bolts, nuts and screws. Low weight and simple to mount these searchlights provide a reliable lighting in all kinds of temperatures. Power supply unit and main control panel is included. Weight is without power supply.

Light source:

500, 1000, 1600, 2000 or 3000 Watt Xenon lamp included. Through an unique color distribution, the Xenon rapidly detects ice and illuminates surface objects. Its beam range is about 4 times that of a halogen light.

Mounting:

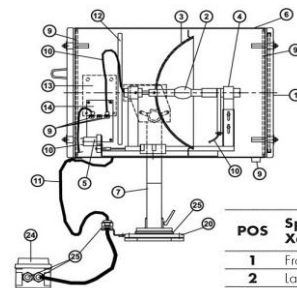
D (Direct operated) or DH (Direct operated high) with a pedestal for high mounting.

Optics:

Durable silver plated glass reflector and hardened front glass. NIRH version with Nickel Rhodium reflector for maximum light output. Remote controlled light distribution (wide or narrow beam)

Options:

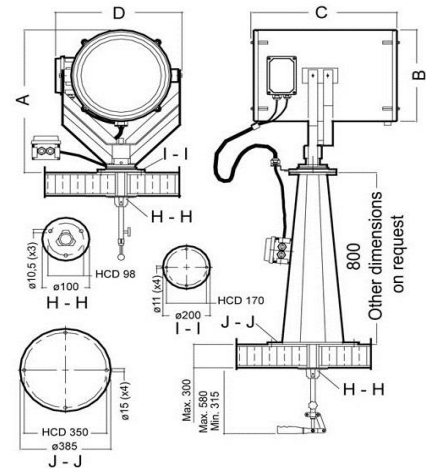
- Spread filter
- Morse shutter
- Pedestal for high mounting



POS	Spare parts Xenon D DH
1	Front Ring, Complete
2	Lamp Xenon
3	Reflector, Complete
4	Lamp Holder, Complete w/focus
5	Focus unit Xenon, Complete
6	Drum, Complete
7	Forks
9	Seal KIT, Drum
10	Cable kit, Drum
11	Cable, external, Xenon
12	Heat Element Drum
13	Ignitor,
14	Noise filter kit, Complete
20	Deck Flange, Complete
24	Junction BOX
25	Gasket KIT, Deck Flange

Number	Description	Weight
89NL100221720	XS 500 D 500W 115V, lamp base NLX5 Range 4600 meter at 1 lux Diameter Ø 161 meter Angel 2-7°	19.0 kilo
89NL100201720	XS 500 D 500W 230V, lamp base NLX5 Range 4600 meter at 1 lux Diameter Ø 161 meter Angel 2-7°	19.0 kilo

Number	Description	Weight
89NL100221725	XS 500 DH 500W 115V, lamp base NLX5 Range 4600 meter at 1 lux Diameter Ø 161 meter Angel 2-7°	34.0 kilo
89NL100201725	XS 500 DH 500W 230V, lamp base NLX5 Range 4600 meter at 1 lux Diameter Ø 161 meter Angel 2-7°	34.0 kilo
89NL100220020	XS 1000 D 1000W 115V, lamp base NLX10 Range 6400 meter at 1 lux Diameter Ø 223 meter Angel 2-7°	24.0 kilo
89NL100200020	XS 1000 D 1000W 230V, lamp base NLX10 Range 6400 meter at 1 lux Diameter Ø 223 meter Angel 2-7°	24.0 kilo
89NL100220025	XS 1000 DH 1000W 115V, lamp base NLX10 Range 6400 meter at 1 lux Diameter Ø 223 meter Angel 2-7°	39.0 kilo
89NL100200025	XS 1000 DH 1000W 230V, lamp base NLX10 Range 6400 meter at 1 lux Diameter Ø 223 meter Angel 2-7°	39.0 kilo
89NL100220520	XS 1600 D 1600W 115V, lamp base NLX16 Range 7200 meter at 1 lux Diameter Ø 377 meter Angel 3-8°	24.0 kilo
89NL100200520	XS 1600 D 1600W 230V, lamp base NLX16 Range 7200 meter at 1 lux Diameter Ø 377 meter Angel 3-8°	24.0 kilo
89NL100220525	XS 1600 DH 1600W 115V, lamp base NLX16 Range 7200 meter at 1 lux Diameter Ø 377 meter Angel 3-8°	39.0 kilo
89NL100200525	XS 1600 DH 1600W 230V, lamp base NLX16 Range 7200 meter at 1 lux Diameter Ø 377 meter Angel 3-8°	39.0 kilo
89NL100200620	XS 2000 D 2000W 230V, lamp base NLX20 Range 9600 meter at 1 lux Diameter Ø 321 meter Angel 2-7°	36.0 kilo
89NL100201120	XS 3000 D 3000W 230V, lampbase NLX30 Range 12.500 meter at 1 lux Diameter Ø 603 meter Angel 3-8°	39.0 kilo
89NL100209119	XS 3000 D NIRH 3000W 230V, lamp base NLX30 Range 14.000 meter at 1 lux Diameter Ø N/A meter Angel N/A	39.0 kilo



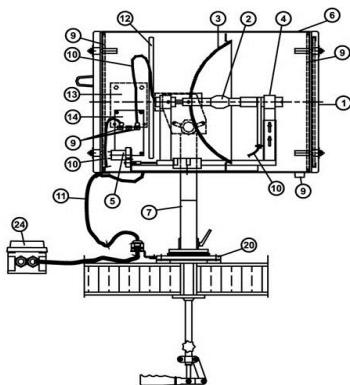
Norse Light bridge operated searchlight type XS B-BS-BH Xenon

Same specifications as type D-DH
BS (Bridge Operated Short) or BH (Bridge Operated High)
Seawater resistant aluminium housing finished with white polyester powder coating.

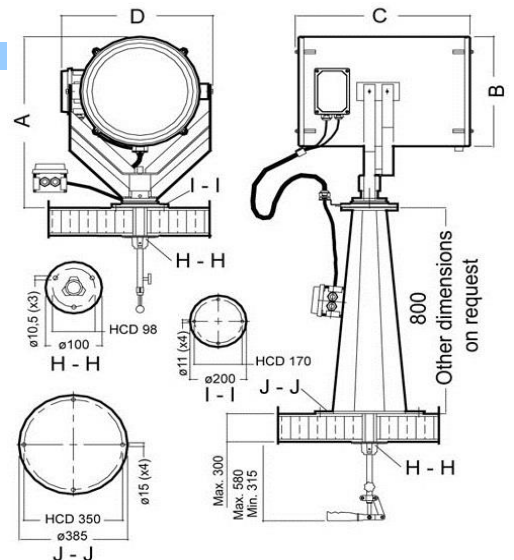
Number	Description	Weight
89NL100221800	XS 500 B 500W 115V, lampvoet NLX5 Range 4600 meter bij 1 lux Diameter Ø 161 meter Lichthoek 2-7°	19.0 kilo
89NL100201800	XS 500 B 500W 230V, lampvoet NLX5 Range 4600 meter bij 1 lux Diameter Ø 161 meter Lichthoek 2-7°	19.0 kilo



Number	Description	Weight
89NL100221830	XS 500 BS 500W 115V, lamp base NLX5 Range 4600 meter at 1 lux Diameter Ø 161 meter Angel 2-7°	19.0 kilo
89NL100201830	XS 500 BS 500W 230V, lamp base NLX5 Range 4600 meter at 1 lux Diameter Ø 161 meter Angel 2-7°	19.0 kilo
89NL100221835	XS 500 BH 500W 115V, lamp base NLX5 Range 4600 meter at 1 lux Diameter Ø 161 meter Angel 2-7°	34.0 kilo
89NL100201835	XS 500 BH 500W 230V, lamp base NLX5 Range 4600 meter at 1 lux Diameter Ø 161 meter Angel 2-7°	34.0 kilo
89NL100220100	XS 1000 B 1000W 115V, lamp base NLX10 Range 6400 meter at 1 lux Diameter Ø 223 meter Angel 2-7°	24.0 kilo
89NL100200100	XS 1000 B 1000W 230V, lamp base NLX10 Range 6400 meter at 1 lux Diameter Ø 223 meter Angel 2-7°	24.0 kilo
89NL100220130	XS 1000 BS 1000W 115V, lamp base NLX10 Range 6400 meter at 1 lux Diameter Ø 223 meter Angel 2-7°	24.0 kilo
89NL100200130	XS 1000 BS 1000W 230V, lamp base NLX10 Range 6400 meter at 1 lux Diameter Ø 223 meter Angel 2-7°	24.0 kilo
89NL100220135	XS 1000 BH 1000W 115V, lamp base NLX10 Range 6400 meter at 1 lux Diameter Ø 223 meter Angel 2-7°	39.0 kilo
89NL100200135	XS 1000 BH 1000W 230V, lamp base NLX10 Range 6400 meter at 1 lux Diameter Ø 223 meter Angel 2-7°	39.0 kilo
89NL100200200	XS 1600 B 1600W 230V, lamp base NLX16 Range 7200 meter at 1 lux Diameter Ø 377 meter Angel 3-8°	24.0 kilo
89NL100200230	XS 1600 BS 1600W 230V, lamp base NLX16 Range 7200 meter at 1 lux Diameter Ø 377 meter Angel 3-8°	24.0 kilo
89NL100200235	XS 1600 BH 1600W 230V, lamp base NLX16 Range 7200 meter at 1 lux Diameter Ø 377 meter Angel 3-8°	39.0 kilo



POS	Spare parts Xenon B - BS - BH
1	Front Ring, Complete
2	Lamp Xenon
3	Reflector, Complete
4	Lamp Holder, Complete w/focus
5	Focus unit Xenon, Complete
6	Drum, Complete
7	Forks
8	Manouiver Fork
9	Seal KIT, Drum
10	Cable kit, Drum
11	Cable, external, Xenon
12	Heat Element Drum
13	Ignitor,
14	Noise filter kit, Complete
20	Deck Flange, Complete
24	Junction BOX, Complete
25	Gasket KIT, Deck Flange



De Norse Light searchlights are also available with remote control. Ask us for the possibilities.



Norse Light SH R50 BUS Halogen



Norse Light SH R10 Halogen



Norse Light XS R50 BUS XENON

Many other types and possibilities available on request.