

Welcome to the future of navigation lighting,

NaviLED®PRO from Hella marine.

*Ultra durable, power saving LED navigation lamps
for enhanced safety.*

NAViLED®PRO



- *Ultra low power consumption*
- *Ultra long service life*
- *Multivolt™*
- *Safe and highly visible*
- *Fully sealed for life*
- *UV and Corrosion resistant*
- *Shock and Vibration resistant*
- *Pre-wired*
- *Fit and Forget*

Designed and manufactured in New Zealand, NaviLED®PRO lamps are a quantum leap forward in energy efficiency and durability.

Ultra low current draw.

NaviLED®PRO lamps use less than 10% of the power required to run a bulb navigation lamp. Port, Starboard and Stern lamps consume less than 3.2 watts combined !

No bulbs, No maintenance. Ultra long service life.

Hella marine LED technology has no filaments to break making NaviLED®PRO lamps extremely shock and vibration proof for reliability and safety in demanding conditions.

Multivolt™ 9-33V DC.

Advanced electronics ensure reliable illumination and lamp protection even under severe voltage fluctuations and low battery voltages.

Safe and highly visible.

Hella marine optics deliver 100% correct light output and enhance visibility compared to bulb navigation lamps.

BSH versions incorporate self diagnostic technology for long term reliability and safety.



Fully sealed for life. IP 67 Certified.

Each NaviLED®PRO lamp is a completely sealed unit. High impact housings ensure durability from waves and impact. Ultra heavy duty BSH versions use high-tech Polyamide housings to offer superior strength in extreme conditions.

Pre-wired with 2.5m of marine cable for time saving, waterproof installations.

Meets the requirements of COL REG, USCG, RINA, BSH.

(NMSC and Maritime NZ Approved)

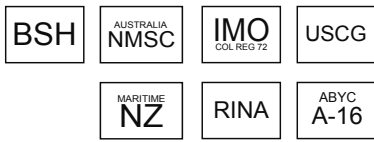
NaviLED®PRO Photometric Testing

NaviLED®PRO lamps have ultra precise horizontal and vertical cut-off angles to clearly indicate a vessel's movement and heading.

Every individual NaviLED®PRO lamp is photometrically verified in production by a sophisticated goniometer to ensure compliance with the intensity and cut-off requirements of international navigation lamp standards.

After passing photometric testing, a unique serial number is laser engraved onto the lens. This serial number is referenced to individual test reports which are electronically archived by Hella marine, ensuring international navigation lamp standards are consistently met.





LED
Multivolt



NAViLED[®] PRO

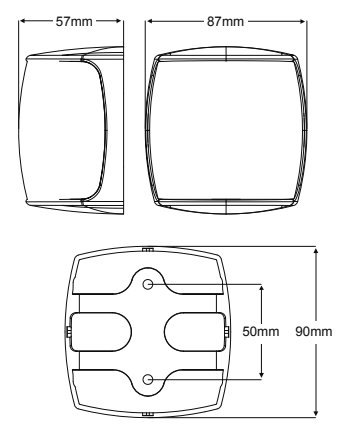


High Impact Lens - Port and Starboard lens is coloured



BSH Ultra Heavy Duty Lens - Port and Starboard lens is clear

- Housing Description** UV resistant, enhanced impact resistant acrylic lens
High impact shroud
- Minimum Visible Distance** 2 Nautical Miles (Yachts and Powerboats)
3 Nautical Miles (Powerboats only)
- Light Source** Multiple LEDs
- Installation** Pre-wired with 2.5m of twin core marine cable
- Operating Voltage** Multivolt™ 9-33V DC
- Voltage Protection** Spike protected to +500 volts
Reverse polarity protected to -700 volts
- Power Consumption** Port, Starboard and Stern - Less than 3.2W combined
Masthead - Less than 2.5W
- Degree of Protection** IP 67
- Approvals** BSH ⚓D.06.419 BSH/4615/6010419/06
IMO COLREG, USCG, RINA (I), ABYC A-16, NMSC



NavILED[®]PRO lamps with high impact lens (Port and Starboard lens is coloured)

LED Multivolt 2 Nautical Mile Powerboat and Yacht lamps

Lamp Type	Visibility	Black Shroud	White Shroud
Port	2 NM	2LT 959 900-001	2LT 959 900-011
Starboard	2 NM	2LT 959 908-001	2LT 959 908-011
Stern	2 NM	2LT 959 909-001	2LT 959 909-011

LED Multivolt 3 Nautical Mile Powerboat lamps

Lamp Type	Visibility	Black Shroud	White Shroud
Port	3 NM	2LT 959 900-201	2LT 959 900-211
Starboard	3 NM	2LT 959 908-201	2LT 959 908-211
Stern	3 NM	2LT 959 909-201	2LT 959 909-211
Masthead**	3 NM	2LT 959 940-201	2LT 959 940-211

** for Powerboats and Sailing Yachts under Motor



Hella marine NavILED[®]PRO BSH LED navigation lamps are type approved and certified according to the European norm EN 14744 by the German Federal Maritime and Hydrographic Agency (BSH) for German inland waterways and the open sea. To ensure long term safety at sea, each NavILED[®]PRO BSH navigation lamp is equipped with a sophisticated self diagnostic control.

BSH NavILED[®]PRO lamps with high impact lens (Port and Starboard lens is coloured)

LED Multivolt 2 Nautical Mile Powerboat and Yacht lamps

Lamp Type	Visibility	Black Shroud	White Shroud
Port	2 NM	2LT 959 900-501	2LT 959 900-511
Starboard	2 NM	2LT 959 908-501	2LT 959 908-511
Stern	2 NM	2LT 959 909-501	2LT 959 909-511

LED Multivolt 3 Nautical Mile Powerboat lamps

Lamp Type	Visibility	Black Shroud	White Shroud
Masthead**	3 NM	2LT 959 940-501	2LT 959 940-511

** for Powerboats and Sailing Yachts under Motor

BSH NavILED[®]PRO lamps with ultra heavy duty polyamide lens (Port and Starboard lens is clear)

LED Multivolt 2 Nautical Mile Powerboat and Yacht lamps

Lamp Type	Visibility	Black Shroud	White Shroud
Port	2 NM	2LT 959 900-601	2LT 959 900-611
Starboard	2 NM	2LT 959 908-601	2LT 959 908-611
Stern	2 NM	2LT 959 909-601	2LT 959 909-611

LED Multivolt 3 Nautical Mile Powerboat lamps

Lamp Type	Visibility	Black Shroud	White Shroud
Masthead**	3 NM	2LT 959 940-601	2LT 959 940-611

** for Powerboats and Sailing Yachts under Motor

the future of navigation lighting continues.....

*Compact LED navigation lamps from Hella marine.
attractive, power saving and ultra reliable.*

NAViLED®



- *Ultra low power consumption*
- *Ultra long service life*
- *Multivolt™*
- *Safe and highly visible*
- *Fully sealed for life*
- *UV and Corrosion resistant*
- *Shock and Vibration resistant*
- *Pre-wired*
- *Fit and Forget*

Designed and manufactured in New Zealand, NaviLED® lamps save power onboard and provide outstanding durability.

Ultra low current draw.

NaviLED® lamps use less than 10% of the power required to run a bulb navigation lamp of the same visible distance.

Port and Starboard lamps consume less than 2 watts combined !

No bulbs, No maintenance. Ultra long service life.

Hella marine LED technology has no filaments to break making NaviLED® lamps extremely shock and vibration proof for reliability and safety in demanding conditions.

Multivolt™ 8-28V DC.

Advanced electronics ensure reliable illumination and lamp protection even under severe voltage fluctuations and low battery voltages.

Safe and highly visible.

Hella marine optics deliver 100% correct light output and enhance visibility compared to bulb navigation lamps.

Fully sealed for life. IP 67 Certified.

Each NaviLED® lamp is a completely sealed unit. High impact housings ensure durability from waves and impact.

Pre-wired with marine cable.

Ensures time saving completely sealed installations.

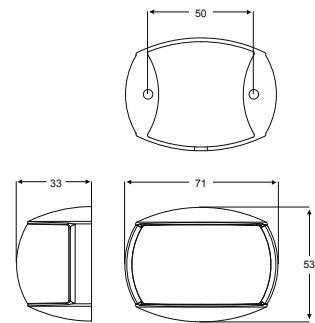
Internationally approved.

Meets the requirements of COL REG, USCG, RINA.
(NMSC and Maritime NZ Approved)





Housing Description	UV resistant, enhanced impact resistant acrylic lens High impact shroud
Minimum Visible Distance	2 Nautical Miles (Yachts and Powerboats)
Light Source	LED
Installation	Pre-wired with 120mm of single core marine cable or 2.5m of twin core marine cable
Operating Voltage	Multivolt™ 8-28V DC
Voltage Protection	Spike protected to +500 volts Reverse polarity protected to -700 volts
Power Consumption	Port and Starboard less than 2W combined Stern less than 2W, Towing less than 2W
Degree of Protection	IP 67
Approvals	IMO COLREG, USCG, RINA (I), ABYC A-16, NMSC



Single Lamps (with 120mm of single core marine cable)

Coloured outer lens

LED Multivolt 2 Nautical Mile Powerboat and Yacht lamps				
Lamp Type	Visibility	Black Shroud	White Shroud	
Port	2 NM	2LT 980 520-001	2LT 980 520-011	
Starboard	2 NM	2LT 980 520-201	2LT 980 520-211	
Towing	2 NM	2LT 980 520-601	2LT 980 520-611	

Clear outer lens

LED Multivolt 2 Nautical Mile Powerboat and Yacht lamps				
Lamp Type	Visibility	Black Shroud	White Shroud	
Port	2 NM	2LT 980 520-101	2LT 980 520-111	
Starboard	2 NM	2LT 980 520-301	2LT 980 520-311	
Stern	2 NM	2LT 980 520-501	2LT 980 520-511	

Single Lamps (with 2.5m of twin core marine cable)

Coloured outer lens

LED Multivolt 2 Nautical Mile Powerboat and Yacht lamps				
Lamp Type	Visibility	Black Shroud	White Shroud	
Port	2 NM	2LT 980 520-031	2LT 980 520-041	
Starboard	2 NM	2LT 980 520-231	2LT 980 520-241	

Clear outer lens

LED Multivolt 2 Nautical Mile Powerboat and Yacht lamps				
Lamp Type	Visibility	Black Shroud	White Shroud	
Port	2 NM	2LT 980 520-131	2LT 980 520-161	
Starboard	2 NM	2LT 980 520-331	2LT 980 520-361	
Stern	2 NM	2LT 980 520-531	2LT 980 520-541	

Twin Pack Lamps- Port and Starboard (with 120mm of single core marine cable)

Coloured outer lens

LED Multivolt 2 Nautical Mile Powerboat and Yacht lamps				
Lamp Type	Visibility	Black Shroud	White Shroud	
Port & Starboard	2 NM	2LT 980 520-801	2LT 980 520-811	

Clear outer lens

LED Multivolt 2 Nautical Mile Powerboat and Yacht lamps				
Lamp Type	Visibility	Black Shroud	White Shroud	
Port & Starboard	2 NM	2LT 980 520-901	2LT 980 520-911	

... the future of marine lighting



Designed and manufactured in New Zealand, NaviLED®360 lamps feature single LED efficiency, advanced Multivolt™ electronics and precision optics for reliable and highly visible all round lighting.



- Ultra low power consumption
- Ultra long service life
- No Bulbs
- No Maintenance
- Multivolt™
- Safe and highly visible
- Fully sealed for life
- UV and Corrosion resistant
- Shock and Vibration resistant
- Pre-wired
- Fit and Forget

NaviLED®360 lamps draw a fraction of the energy required to run a conventional 2 nautical mile bulb lamp. Hella marine LED technology has no filaments to break thus making the lamps extremely shock, vibration and impact resistant. They are completely maintenance free. High impact acrylic housings provide superior durability in demanding conditions.

LED
Multivolt



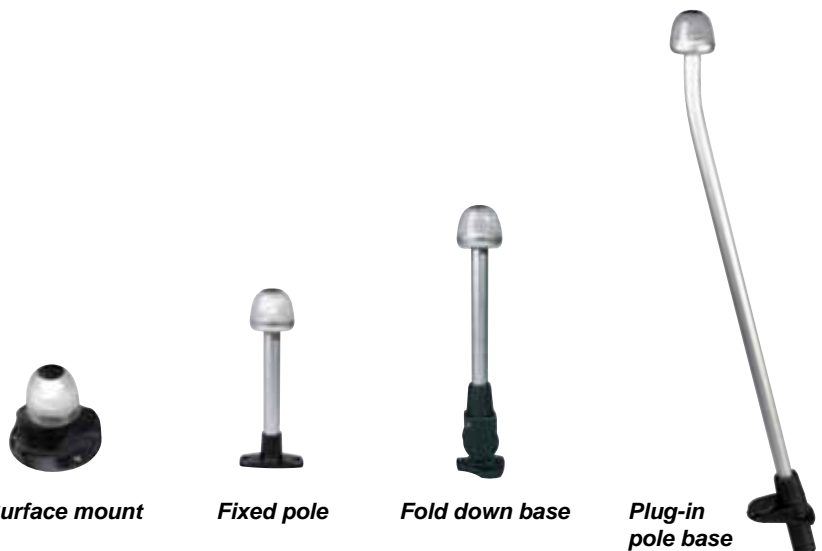
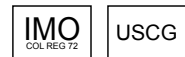
NaviLED®360 anchor lamps have undergone extensive 'tested to destruction' programs to help lift product reliability to a new standard. Each lamp is a completely sealed and waterproof unit, UV and corrosion resistant.

Utilizing advanced Multivolt™ circuitry, NaviLED®360 lamps provide consistent illumination and safety from 9-33V DC, even under severe voltage fluctuations and low battery voltages.

Sealed within the base or aluminium pole, the compact Multivolt™ drive circuitry provides reverse polarity, spike and over-voltage protection for long life and reliable operation.

NaviLED®360 lamps meet the requirements of IMO COLREG 72, USCG, ABYC A-16 and RINA. (NMSC and Maritime NZ Approved)

Available in a range of mounting bases and pole lengths, NaviLED®360 lamps are the answer for safe, highly durable and ultra energy efficient all round white lighting on commercial and recreational vessels.



Surface mount

Fixed pole

Fold down base

Plug-in pole base

Ultra durable and power saving single LED
White All Round / Anchor lamps.
Red and Green All Round Signal lamps.

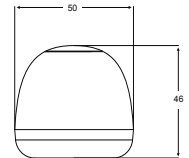


- 2 Nautical Mile performance
- Less than 2W power consumption
- Completely sealed
- Shock and vibration resistant
- Multivolt™ 9-33V DC

LED
Multivolt



Housing Description	UV resistant, enhanced impact acrylic lens Anodized aluminium lamp base and pole
Minimum Visible Distance	2 Nautical Miles
Light Source	Single LED
Installation	Pre-wired with twin core marine cable
Operating Voltage	Multivolt™ 9-33V DC
Voltage Protection	Spike protected to +500 volts Reverse polarity protected to -500 volts
Power Consumption	Less than 2W
Degree of Protection	IP 67
Approvals	IMO COLREG, USCG, RINA (I), ABYC A-16, NMSC



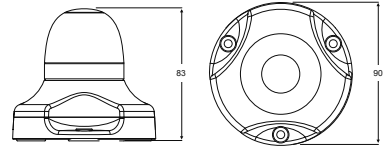
2LT 959 910-011
- 204mm Fixed pole mount

COLREG, USCG, RINA (I), ABYC A-16 Certified LED All Round Lamps



2 Nautical Mile All Round White Lamps - Surface mount

Light Colour	Visibility	Black Base	White Base
White	2 NM	2LT 980 910-001	2LT 980 910-011
Red	2 NM	2LT 980 910-401	2LT 980 910-411
Green	2 NM	2LT 980 910-201	2LT 980 910-211



2 Nautical Mile All Round White Lamps - Fixed pole mount

Overall Length	Visibility	Black Base	White Base
204 mm	2 NM	2LT 959 910-011	2LT 959 910-111



Robust fixed pole mount with two counter-sunk holes.



2 Nautical Mile All Round White Lamps - Fold down pole mount

Overall Length	Visibility	Black Base	White Base
305 mm	2 NM	2LT 959 910-621	2LT 959 910-721
500 mm	2 NM	2LT 959 910-661	2LT 959 910-761
610 mm	2 NM	2LT 959 910-631	2LT 959 910-731



Lamp pole can be adjusted through 180 degrees and secured at desired angle with locking collar. Removable wedge for installation onto different surface cambers.



2 Nautical Mile All Round White Lamps - Plug-in pole mount

Overall Length	Visibility	Black Base	White Base
610 mm	2 NM	2LT 959 910-431	2LT 959 910-531
1070 mm	2 NM	2LT 959 910-451	2LT 959 910-551



Pole plugs into lamp base and is fixed into position with locking collar. Rubber cap covers hole when pole is removed.



2 Nautical Mile All Round White Lamps - Telescopic pole mount

Overall Length	Visibility	Black Base	White Base
610 mm	2 N M	2LT 959 910-231	2LT 959 910-331



Pole slides out of base and is fixed in its fully extended position with locking collar.