



**Hella marine**



**WORLD LEADING MARINE LIGHTING**

**PRODUCT CATALOG**



**Hella marine** 

# take us on your next adventure

At Hella marine, we strive to be the beacon of innovation and reliability in the marine lighting industry, setting new standards for performance, safety, and environmental responsibility.

Guided by our unwavering commitment to excellence, we aim to be the first choice of boat builders, marine enthusiasts, and commercial operators worldwide. Through cutting-edge technology, we illuminate the seas with energy-efficient, durable, and aesthetically pleasing lighting solutions that enhance safety and optimize your marine experience.



UNDERWATER



NAVIGATION



LIGHT BARS



WORK LAMPS



COURTESY



INTERIOR / EXTERIOR

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# HELLA MARINE

## LIGHTING EXCELLENCE ASSURED

Hella marine is a leading brand of high performance lighting products that excel in harsh environments. The product range is manufactured in various global locations, with the majority coming from our world class facility in New Zealand.

With a rich heritage spanning over a century, and more than 3 decades of experience with LEDs, Hella marine has always been consistently committed to the design and manufacturing of high-quality lighting products. The company has witnessed a significant expansion over the past five decades, owed to the adoption of modern production methods and substantial investments in pioneering lighting technology.

In light of New Zealand's prolific maritime history and world-class yacht manufacturing prowess, HELLA New Zealand was designated as the global headquarters for Hella marine in 2004. The NaviLED lamp series elevated our status as pioneers in marine navigation lighting.

One of our earliest accomplishments includes being the first company globally to secure the European 'BSH\*' compliance for a navigation light using LEDs, in the form of the NaviLED PRO series. This approach to ongoing design and development has positioned us as a trusted partner globally.

\* Bundesamt für Seeschifffahrt und Hydrographie



### HELLA TODAY

With Faurecia's successful bid and acquisition of HELLA globally, Forvia was born. The newly named Forvia is now the 7th largest Automotive supplier in the world. One vision, speaking with one voice, working as one team.



150,000  
employees



42 Countries



300 distribution,  
manufacturing,  
R&D sites

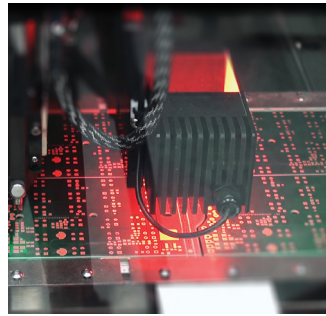


Product available  
in over 70 countries



Our dedicated in-house team of product development specialists comprises of skilled engineers who are authorities in electronic and optical design.

Committed to utilizing cutting-edge materials to create innovative products that are not only reliable but also energy-efficient. By integrating the latest LED technology, our products embody excellence in performance and sustainability.



Spanning 7,500 square meters, our manufacturing premises are a testament to modern engineering with highly automated production capabilities.

Our electronics plant is equipped with the most recent automated, precision Surface Mount Technology (SMT) assembly systems. In 2013, the facility achieved self-sufficiency in Printed Circuit Board Assemblies (PCBAs) production. To illustrate its productivity, the plant places 53,000 LEDs daily, which amounts to 12.8 million LEDs per annum.



On-site testing facilities subject our products to cycles of extreme temperatures, intense UV light, chemical exposure, as well as humid and salt-laden, corrosive conditions. Impact and vibration testing ensures that they perform under stresses that greatly exceed those of most real-world situations.

Our purpose built light tunnel, measures every beam of light emitted, to make sure we meet any necessary standards, and can guarantee quoted light output in all conditions. EMC testing enables us to guarantee our products won't interfere with any sensitive radio or navigation equipment.



## LONG TERM SUSTAINABILITY

HELLA as a global company is committed to sustainability and environmental protection. HELLA wants to further accelerate its own efforts against climate change and send a clear signal for climate protection. For example, by 2025, all production sites worldwide are to manufacture in a CO2-neutral manner. Carbon neutrality is to be achieved through direct energy savings, and the purchase of green electricity. In addition, HELLA aims to ensure a consistently climate-neutral supply chain, by 2050 at the latest, and to supply customers worldwide with CO2-neutral products.

We at Hella marine are committed to playing an active role in protecting the environment, preventing pollution, minimizing waste and avoiding adverse environmental impacts of our activities and products. We will achieve this by means of creating innovative, long lasting, energy efficient products, and applying operational excellence throughout the organization to ensure long term sustainability. Our Auckland, New Zealand factory today uses 100 per cent renewable energy and 95 per cent of waste material generated during the moulding process gets recycled. Hella marine has a large percentage of electric BEV and hybrid HEV vehicles in its fleet, and this number increases year on year.



**APELO**  
Underwater Lighting Brilliance

**SPECTACULAR  
COLOR  
ILLUMINATING  
YOUR LIFESTYLE**



As the sun sets, Apelo Underwater Lights come alive. Rich vibrant color emblazes your transom, setting the scene for the night ahead. Whether entertaining, or attracting the next trophy catch, Apelo has it all.

Choose either vibrant blue or intense white transom lighting, or take control and set the stage with stunning full spectrum RGB color at your fingertips.

Distinctive glowing signatures of Apelo's innovative Edge Light elegantly illuminates the border of the lamp front. The Edge Light functions in or out of the water and highlights the stern of the boat even when it's on the trailer.

Apelo Underwater Lights are made in New Zealand and backed by Hella marine's industry leading 5 year warranty.

Top image: Apelo A2 shown, see page 11.

### Advanced materials

Apelo A1 uses a thermal polymer housing, a material completely resistant to corrosion and suitable for any hull material. Hella marine has employed thermal polymers for decades and built-up substantial experience. Thermal polymer draws heat away from the internal electronics to support the brightest polymer underwater lamps on the market.

### Electronic protection

Inside every Apelo lamp are intelligent drive circuits that sense their environment to regulate the power and control the heat inside. Apelo is as happy running out of the water as in it. We call this dry running protected.

### Sealing confidence

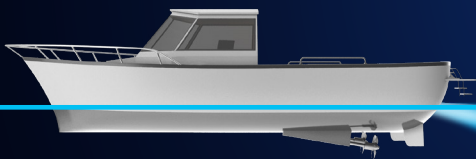
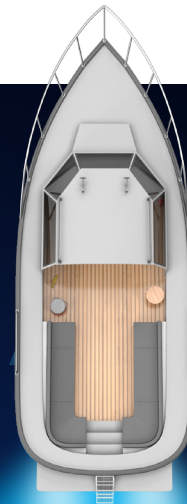
Robotic gluing delivers an incredible sealing accuracy of the glue mix and pinpoint placement batch after batch with near infinite repeatability. For confidence, Apelo is certified to IP68 and IP69.

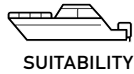


## OPTICAL INTELLIGENCE FOR SUPERIOR BRIGHTNESS

Expert optical design delivers more light with a wide horizontal spread and a narrow vertical distribution for high lux levels where it counts instead of sending light too high or too low where it becomes invisible.

For the lumen rating on offer, Apelo competes with lamps offering higher lumen ratings using less energy to achieve the same intensity levels.





SUITABILITY

- FIBERGLASS
- TIMBER
- STEEL
- COMPOSITE
- ALUMINUM



## Apelo A1 Underwater Light Polymer 1800 Lumen

The Apelo A1 is the most powerful light in its class, delivering vibrant blue or intense white, or full spectrum RGB\* color experiences. All Apelo models use intelligent optical design to get impressive illumination levels that outshines the competition.

The A1 RGB\* light gives you complete control to choose any color you wish, with Apelo's optical intelligence creating an even distribution of color across the transom.

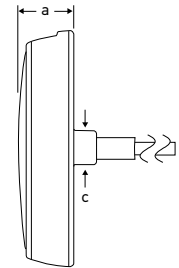
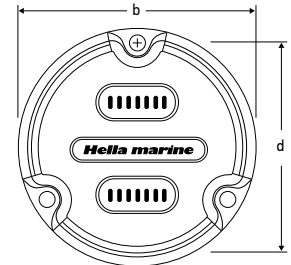
A completely sealed, corrosion resistant, thermal polymer housing ensures ongoing protection against the harshest environments. The A1 is suitable for mounting to any hull material. All Apelo models are equipped with an advanced thermal management system to allow operation in or out of the water, and are backed by a 5 year warranty.



White / Blue



RGB



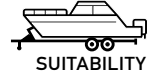
Light Color	White Lens	Charcoal Lens
White / Blue	016145011	016145001
RGB	016146011	016146001

*Packaging* Retail carton for single pack. PN shown in table above  
Trade Carton Pack 4pc multiple, replace final PN digit '1' with '2'

Lumen	1800 (White)	
Lens Material	Grilamid® plastic, impact and UV resistant	
Base Material	Corrosion proof thermal polymer	
Color Temperature	5000K (White)	
Cable	2.5m / 8.2ft, tinned marine cable	
Operating Voltage	Multivolt™ 9-32V DC, 12/24V DC Nominal	
Power Consumption	Blue / White	20W / 1.7A @ 12V, 0.9A @ 24V
	RGB	15W / 1.25A @ 12V, 0.7A @ 24V
Protection	IP68 / IP6K9K	
Weight (incl. cable)	White / Blue	250g
	RGB	300g
Compliance	EN55015 / CISPR 15, IEC60533, IEC61547, ICES-5	

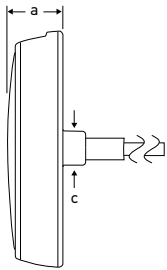
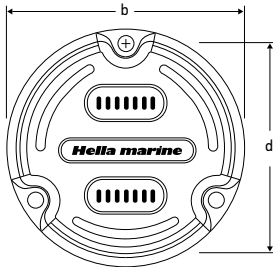
\*Connect Apelo RGB lights to an RGB lighting controller for unlimited color selection (Not supplied).

**Dimensions:**  
a = 23.5mm (0.92")  
b = 95mm (3.74")  
c = 15.5mm (0.61") (Cable Hole)  
d = 83.5mm (3.29") (PCD)



ALUMINUM

## Apelo A2 Underwater Light Aluminum 3000 Lumen



### Dimensions:

- a = 23.5mm (0.92")
- b = 95mm (3.74")
- c = 15.5mm (0.61") (Cable Hole)
- d = 83.5mm (3.29") (PCD)

Boasting an incredibly bright 3000 lumen light output, the Apelo A2 offers not only more light, but more features. The Apelo A2 is available in either a vibrant blue or intense white combination, or full spectrum RGB\*. The additional stylish Edge Light illuminates your transom with distinctive glowing signatures bordering the lamp front. 'Fish mode' strobe function on the A2 Blue / White version is a sure fire way to attract attention, including from your next big catch.

Apelo A2's corrosion resistant, hard anodized, aluminum housing ensures even greater ongoing protection against the harshest environments. All Apelo Underwater Lights are completely sealed for total peace of mind and are backed by a 5 year warranty. The A2's aluminum housing is tailored specifically for aluminum hulls which are not permanently submerged in salt water.

Light Color	Charcoal Lens
White / Blue	016147001
RGB	016148001

*Packaging Retail carton for single pack. PN shown in table above  
Trade Carton Pack 4pc multiple, replace final PN digit '1' with '2'*

Lumen	3000 (White)	
Lens Material	Grilamid® plastic, impact and UV resistant	
Base Material	Hard Anodized Aluminum	
Color Temperature	5000K (White)	
Cable	2.5m / 8.2ft, tinned marine cable	
Operating Voltage	Multivolt™ 9-32V DC, 12/24V DC Nominal	
Power Consumption	Blue / White	30W / 2.5A @ 12V, 1.3A @ 24V
	RGB	30W / 2.5A @ 12V, 1.3A @ 24V
	Edge Light	<2W / <0.2A@12V, <0.1A @ 24V
Protection	IP68 / IP6K9K	
Weight (incl. cable)	White / Blue	310g
	RGB	360g
Compliance	EN55015 / CISPR 15, IEC60533, IEC61547, ICES-5	

\*Connect Apelo RGB lights to an RGB lighting controller for unlimited color selection (Not supplied).



White / Blue



RGB



### Edge Light Technology

Apelo A2 and A3 models showcase Edge Light, distinctive glowing signatures of elegant illumination bordering the lamp front.



### Lightspeed™ Recommended

Hella marine recommends Lightspeed™ by Propspeed®, a foul-release coating to protect Apelo Underwater Lights and maintain their underwater brilliance. Lightspeed™ is tested to provide no decrease in light intensity, no color shift and no other adverse performance decreases.



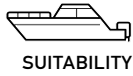
### Optical Intelligence

Apelo's precision optical distribution system projects light with spectacular effect. An asymmetrical, wide 90° horizontal spread and shallow 24° vertical beam height, means the light is able to efficiently spread further through the water.



### Dry Running Protected

Advanced thermal management ensuring ongoing protection and no damage by operation out of the water.



SUITABILITY

- ▶ FIBERGLASS
- ▶ TIMBER
- ▶ STEEL
- ▶ COMPOSITE



## Apelo A2 Underwater Light Bronze 3000 Lumen

The A2 Bronze stands out with its corrosion resistance properties, in addition to the Apelo A2 features of vibrant blue or intense white, or full spectrum RGB\* color experiences, signature Edge Light, and strobe function.

A marine grade bronze housing delivers the ultimate in protection from harsh conditions, while offering superior durability and thermal management properties, and backed by Hella marine's 5 year warranty.

All the features and power of the A2 model in a no-compromise package makes this the preferred choice for permanent submersion. Suitable for fiberglass, timber, steel, and composite hulls (not aluminum).



White / Blue



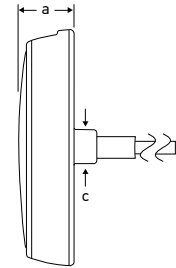
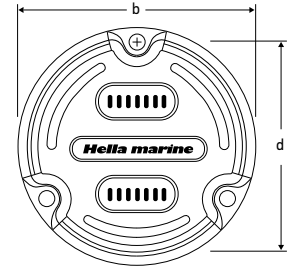
RGB

Light Color	White Lens
White / Blue	016147101
RGB	016148101

*Packaging Retail carton for single pack. PN shown in table above  
Trade Carton Pack 4pc multiple, replace final PN digit '1' with '2'*

Lumen	3000 (White)	
Lens Material	Grilamid® plastic, impact and UV resistant	
Base Material	Marine grade bronze	
Color Temperature	5000K (White)	
Cable	2.5m / 8.2ft, tinned marine cable	
Operating Voltage	Multivolt™ 9-32V DC, 12/24V DC Nominal	
Power Consumption	Blue / White	30W / 2.5A @ 12V, 1.3A @ 24V
	RGB	30W / 2.5A @ 12V, 1.3A @ 24V
	Edge Light	<2W / <0.2A @ 12V, <0.1A @ 24V
Protection	IP68 / IP6K9K	
Weight (incl. cable)	White / Blue 600g	RGB 650g
Compliance	EN55015 / CISPR 15, IEC60533, IEC61547, ICES-5	

\*Connect Apelo RGB lights to an RGB lighting controller for unlimited color selection (Not supplied).



### Dimensions:

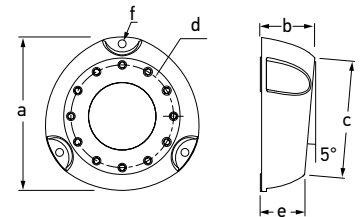
- a = 23.5mm (0.92")
- b = 95mm (3.74")
- c = 15.5mm (0.61") (Cable Hole)
- d = 83.5mm (3.29") (PCD)



## Apelo Surface Mount Spacer Underwater Light Mounting Accessory

The APELO surface mount spacer offers positioning flexibility and optimum cabling routing when mounting your APELO underwater lights. Rather than drilling holes into the transom, cable can be routed through the side to an above water position or somewhere that internal access is far more favorable.

The spacer features a 5 degree surface to allow for fine tuning the lighting direction: useful if you prefer the light to be directed out towards the side, or to avoid an obstruction, such as an outboard motor or trim tab, from blocking some of the light. This angle can also be used to offset a transom angle. Compatible with all APELO A1 and A2 models.

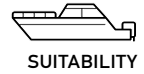


### Dimensions:

- a = Ø125mm (4.93") Dia
- b = 45mm (1.78")
- c = Ø95mm (3.75") Dia
- d = Ø83.5mm (3.39") PCD
- e = 35mm (1.38")
- f = Ø5.5mm (0.22")

Description	Part Number
Surface Mount Spacer Underwater Light Mounting Accessory	280801001

*Packaging Trade Carton for Single Pack*



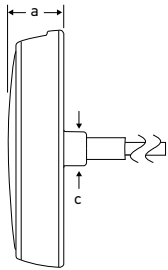
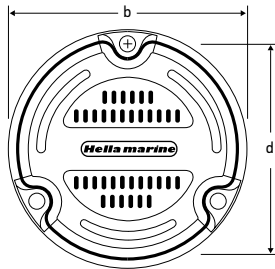
- ▶ FIBERGLASS
- ▶ TIMBER
- ▶ STEEL
- ▶ COMPOSITE

## Apelo A3 Underwater Light Bronze

### 6000 Lumen

The ultimate in the Apelo Underwater Light range, and supercharged with 6000 lumen light output, and a larger overall size than the Apelo A2 Bronze. The A3 model has an improved formula with double the light output, maximizing the vibrant blue or intense white, or full spectrum RGBW\* color. The blue or white model retains the strobe functionality, while the RGBW version includes dedicated white light emitting LEDs, adding brighter and more intense white light to your RGB underwater lighting. Both versions have Edge Light.

With the addition of Nickel-silver to the extremely corrosion resistant housing, the Apelo A3 is perfect for permanently submerged installations on larger boats and ships. Suitable for fiberglass, timber, steel, and composite hulls. Only mount on aluminum hulled vessels with a suitable isolation spacer.



**Dimensions:**  
a = 23.5mm (0.92")  
b = 130mm (5.12")  
c = 15.5mm (0.61")  
d = 117.5mm (4.63") (PCD)

Light Color	White Lens
White / Blue	016830001
RGBW	016831001
<i>Packaging Retail Carton for Single Pack</i>	
Lumen	6000 (White)
Lens Material	Grilamid® plastic, impact and UV resistant
Base Material	Marine grade bronze
Color Temperature	5000K (White)
Cable	2.5m / 8.2ft, tinned marine cable
Operating Voltage	Multivolt™ 9-32V DC, 12/24V DC Nominal
Power Consumption	Blue / White 70W / 5.9A @ 12V, 2.9A @ 24V RGBW 70W / 5.9A @ 12V, 2.9A @ 24V Edge Light <5W / 0.37A @12V, 0.2A @ 24V
Protection	IP68 / IP6K9K
Weight (incl. cable)	White / Blue 1020g RGBW 1080g
Compliance	EN55015 / CISPR 15, IEC60533, IEC61547, ICES-005



\*Connect Apelo RGBW lights to an RGBW lighting controller for unlimited color selection (Not supplied).  
† Allow up to 200% of power consumption to account for momentary peak.





# Sea Hawk Light Bars

## SLEEK, POWERFUL & ULTRA DURABLE

**When outstanding light intensity and proven reliability is needed to safely get you home, the Sea Hawk Light Bars are the preferred choice.**

These light bars are meticulously crafted using premium materials and construction techniques, guaranteeing their durability and appearance over an extended period of use.

Offering a range of beam patterns tailored to enhance night-time operations. Whether your priority is achieving the best distance-to-power ratio or achieving the widest light spread, you'll discover a Sea Hawk Light Bar that perfectly aligns with your specific requirements.

### **Choosing the Right Light Pattern**

A selection of Lux diagrams are on the right hand side of the page. These show the distance the beam will travel down to 1lux, as well as the width of the beam at any given distance. You can generally consider half or a quarter of this distance as the usable range at which you need to see objects at night. As a general rule, we can classify this purpose into two main categories: close-range and long-range.



### **Close Range Lighting**

When you need to illuminate the local area, you can rely on the 'Spread' or 'Diffuse Flood' light bars. These light bars resemble traditional work lights in a 'bar' form, making them versatile for mounting options. You can opt for the conventional hard top mount for forward-facing illumination or choose to mount on the rear or sides to replace smaller-style work lamps.

### **Long Range lighting**

The Sea Hawk long range light bar family offers exceptional distance patterns called Spot or Pencil. These are typically unsuitable for immediate area illumination, so it is important to ensure you get the right pattern to suit your use case. These lights are typically used in front facing situations, mounted onto the hard top.

The Work Light section on page 18 also provides valuable insights for selecting the appropriate work lamp.

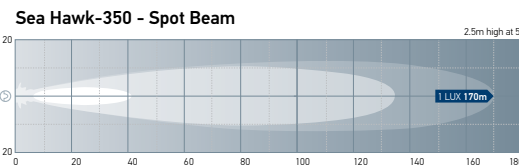
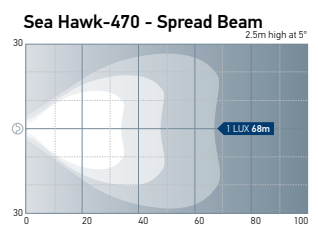
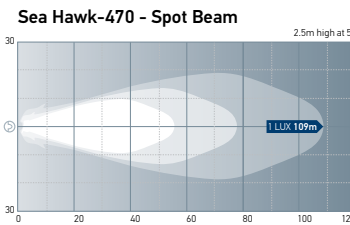
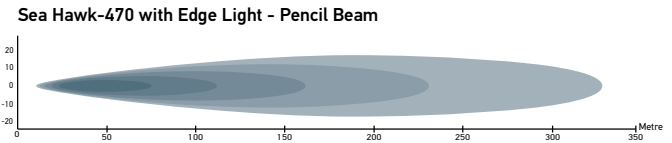
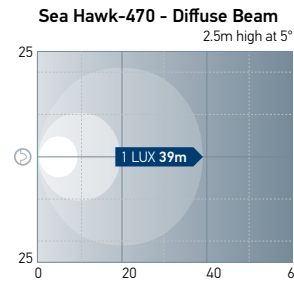
**Sea Hawk 470 Diffuse Flood:** Serves as an excellent immediate area floodlight. It is also a highly effective replacement for fluorescent lighting due to its wide and smooth light distribution.

**Sea Hawk 470 Pencil Beam with Edge light:** Offers an impressive 1 lux distance of 330 meters, a remarkable feat considering its low power consumption. This provides a substantial safety margin for detecting objects directly ahead, especially when navigating at high speeds in low-light conditions.

**Sea Hawk 470 Spot Beam:** This versatile light strikes a balance between wide and narrow illumination with its 30x30 degree beam. While it still provides a good reach, its beam width makes it particularly handy for slower navigation, through channels trying to pinpoint channel markers.

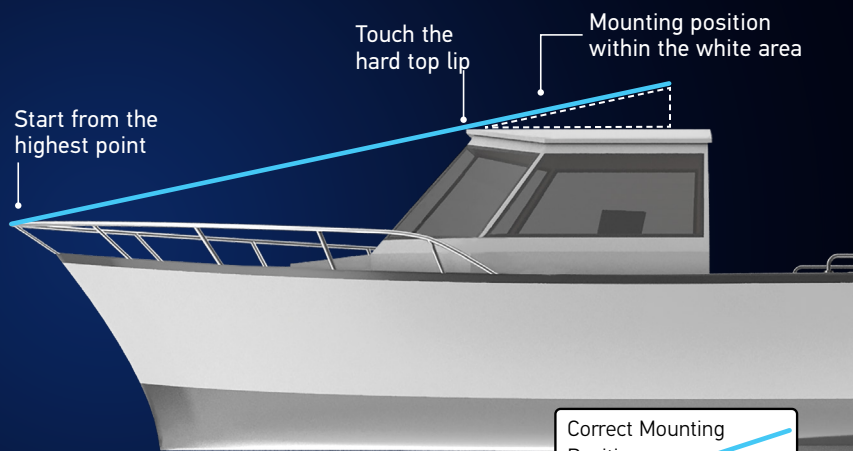
**Sea Hawk 470 Spread Beam:** Maintains the beam height at 30 degrees, but doubles the width to 60 degrees. The result is less center punch, but much higher visibility to the sides. Great for operations such as maneuvering through tight marina berths.

**Sea Hawk-350 Spot Beam:** A highly popular lamp that offers amazing distance for its compact size, the beam maintains width at medium distances making it a great all purpose choice.



## MOUNTING LOCATION FOR SUPERIOR PERFORMANCE

Often overlooked, the mounting location is crucial to the application. Often times 'distance' beam light bars are mounted right at the lip of the hardtop, which causes reflections when turned on. These reflections draw the eyes to the bow and minimize the advantage of having the lights.



## MOUNTING INSTRUCTIONS:

- Make a string line off the highest point of the bow rail.
- Take this line over the roof, and lower it until it just touches the hard top lip.
- Note the height of the string as it moves further back on to the roof.
- This dotted triangle shown is the location for the light bar.
- Since light moves in straight lines, it is now impossible for the light to reflect and reduce visibility.



## Sea Hawk-470 Pencil Beam with Edge Light

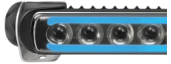
The Sea Hawk-470 Pencil Beam with Edge Light combines long distance light performance capable of picking out even the most distant objects, and a striking Edge Light using light pipe technology.

Edge Light has been integrated into this powerful long distance light bar to give a distinctive glowing signature whilst also providing gentle ambient lighting. The Edge Light is available in both blue or white to give your vessel a unique appearance.

The unique corrosion proof housing provides exceptional durability and long-term reliability. The heavy duty Grilamid® lens offers an unbeatable combination of properties including toughness against impact, long term UV stability. Grilamid® will not lose its luster or embrittle over time and will remain clear for the life of the product.



958140501



958140521



958140511

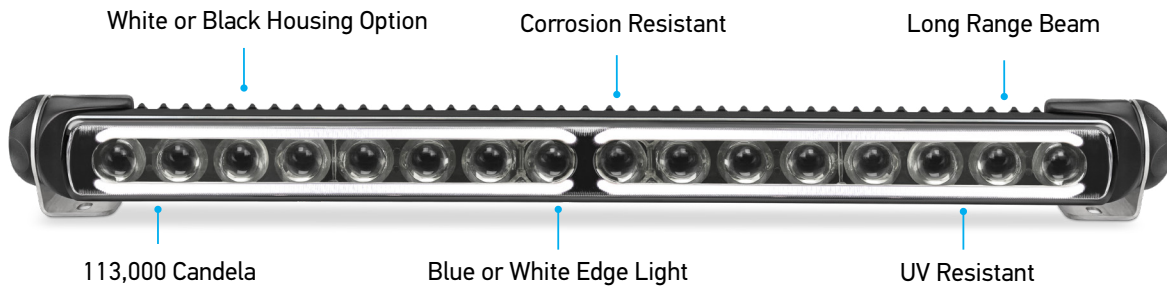


958140531



Description	Black Housing	White Housing
White Edge Light	958140501	958140511
Blue Edge Light	958140521	958140531
Packaging	Trade Carton for Single Pack	
Voltage	Multivolt™ 12/24V DC	
Maximum Power Consumption	Pencil Beam: 36W (2.7A @ 12V / 1.4A @ 24V) Edge Light: 4W (300mA @ 12V / 150mA @ 24V)	
Maximum Luminous Intensity	113,000 candela	
Light Performance	1 Lux @ 330m	
Beam Angle	8° x 4°	
Protection	Reverse polarity and transient spike protection IP6K7 (Protection against dust and temporary water immersion) IP6K9K (Protection against dust and high-pressure/steam jet cleaning)	
Cable	2.5m of tinned multi-core marine cable	
Body Material	Corrosion proof thermal polymer	
Lens Material	Grilamid® plastic, impact and UV resistant	
Compliance	CE, ECE R10	

Note: Dimensions as Sea Hawk-470 on the opposite page



### ACCESSORIES

#### Double Mounting Bracket

Optional double bracket enables multiple lamps to be stacked to increase the light output or spread of light.



Description	Part Number
Double Bracket	958128811

#### LED Light Bar Joiner

Connect multiple HELLA LED Light Bars. Suitable for Sea Hawk-350 and Sea Hawk-470 series with HD brackets



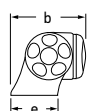
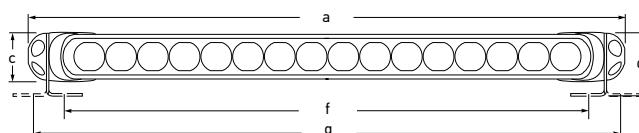
Description	Part Number
LED Light Bar Joiner	958139881

## Sea Hawk-470 Light Bars

The sleek and powerful Sea Hawk-470 range features multiple lens options. Multivolt™ circuitry operating between 9 to 33V can be used with 12V or 24V DC supply.

A thermally conductive polymer housing, and the toughness of a UV, chemical and impact resistant Grilamid® lens, the Sea Hawk-470 is the natural choice when durability and long term reliability is needed.

Lens Type	Black Housing	White Housing
Spread	958130601	958130611
Spot	958130631	958130641
Diffused	958130501	958130511
Combi	958130441	958130451
<i>Packaging</i>	<i>Trade Carton for Single Pack</i>	
<b>Voltage</b>	<b>Multivolt™ 12 / 24V DC</b>	
<b>Power Consumption</b>	<b>35W (High) 4W (Low)</b>	
<b>Lumen</b>	<b>3600 (Diffused) 2800 (Spot/Spread)</b>	
<b>Cable</b>	<b>2.5m of tinned multi-core marine cable</b>	
<b>Body Material</b>	<b>Corrosion proof thermal polymer</b>	
<b>Lens Material</b>	<b>Grilamid® plastic, impact and UV resistant</b>	
<b>Compliance</b>	<b>CE, RCM</b>	



### Dimensions:

a = 528mm (20.79")	e = 42mm (01.65")
b = 67mm (02.64")	f = 460mm (18.11")
c = 44mm (01.73")	(Mounting Hole)
d = 57mm (02.24")	g = 524mm (20.63")
	(Mounting Hole)



Spread Lens



Spot Lens



Diffused Lens



Combi Lens  
Spot with spread on the sides



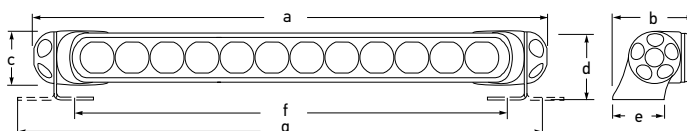
WATCH  
THE VIDEO



## Sea Hawk-350 Light Bars

The Sea Hawk-350 floodlights generate over 2200 lumens of crisp, white light to illuminate the hardest to see places. Advanced electronics ensure constant and reliable light output and lamp protection even under severe voltage fluctuations and low battery voltages.

Lens Type	Black Housing	White Housing
Spread	958040701	958040711
Spot	958040651	958040661
Pencil	958040221	958040-231
<i>Packaging</i>	<i>Trade Carton for Single Pack</i>	
<b>Voltage</b>	<b>Multivolt™ 12 / 24V DC</b>	
<b>Power Consumption</b>	<b>25W (High) 5W (Low)</b>	
<b>Lumen</b>	<b>2200 (High)</b>	
<b>Cable</b>	<b>2.5m of tinned multi-core marine cable</b>	
<b>Body Material</b>	<b>Corrosion proof thermal polymer</b>	
<b>Lens Material</b>	<b>Grilamid® plastic, impact and UV resistant</b>	
<b>Compliance</b>	<b>CE, RCM</b>	



Spot Lens



Spread Lens

### Dimensions

a = 408mm (16.06")	f = 340mm (13.38")
b = 67mm (02.64")	(Mounting Hole)
c = 44mm (01.73")	g = 404mm (15.91")
d = 57mm (02.24")	(Mounting Hole)
e = 42mm (01.65")	



# Work Lamps

## DEFINE HOW YOU WORK

**Hella marine's extensive range of work lamps are designed to meet the needs of marine enthusiasts, professionals, and adventurers alike.**

We have a wide range of beam patterns that significantly enhance nighttime operations. Whether you're seeking compact, low-power draw solutions or the largest, most robust lamps designed for extreme environments, we have you covered. Fisherman, commercial operators all recognize the 'non-glare' night vision preservation advantages of red lighting.

### Choosing the right lamp - Lux Level

The crucial element to selecting the right work lamp is to first determine the tasks required beneath this lighting. Low level ambient lighting for walkways might only require 25 lux, but where high accuracy work in the cockpit could be upwards of 3-500 lux. When considering lux calculations, it's essential to note that these values are cumulative, meaning that two lights with 100 lux each would result in a combined total of 200 lux.

### Area to be Lit

Measure the length and width of the area you require to be lit, but taking note of the area within the area where the work might be required. This will guide you as to whether the lux ratings are required right out to the edge of the area, or more in the middle.



Red lighting is perfect for preserving your night vision.

### Lux Charts

Lighting lux charts give an idea as to how much lux each light will offer over what distance and width. Once you have all of the information, the lux charts should make a lot more sense. Feel free to reach out to your local agent if you need further assistance.



### Lighting Examples

Sea Hawk-XL Dual Color LED Floodlights are ideal when changing between white light and colored light is desired. Red is perfect for preserving your night vision, blue is popular to show off white gel coat, while warm white creates added comfort when you want to relax or match the rest of your interior lighting.

Sea Hawk-XLR LED Floodlights offer big lighting performance in a small size. The Spread pattern is perfect for lighting up cockpits of any size, while the Spot beam can be mounted much higher on a mast or spreader to light up a deck from directly above. Both lamps have a dual intensity mode for when only ambient lighting is required, or very low power draw is necessary.

FMS Deck Lamps are a great solution where only vertical mounting surfaces exist, and space is tight. Alternatively, these can mount upside down and out of the way in a corner, meaning head clearance is not impaired. These innovative lamps direct the light out and down at 45 degrees with no requirement for a bracket. Their spread beam pattern gives great coverage over a wide area.

### Mounting

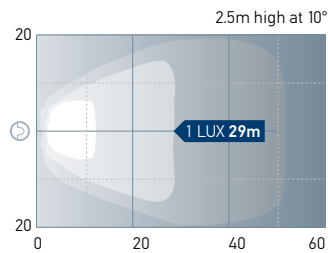
The next consideration when selecting a work lamp is to assess the mounting environment. Various lamps provide different bracket options, that can be configured for upright or pendant mounting, offering maximum flexibility. Additionally, for more compact Sea Hawk lamps, there is the option of a recessed mount version if it aligns better with your specific application.

The specific mounting location will also dictate the height above the area to be lit, and this will affect the lux levels at the ground. If the mounting platform is high by necessity, then a narrow beam or spot lamp might be the most suitable, as this would 'throw' the light to where it needs to be.

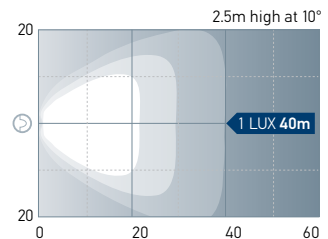
### Dual Light Sources

One aspect that is frequently overlooked is the presence of objects that can obstruct the light, and more commonly, these objects are people. In such situations, having two lower-powered light sources positioned at opposite ends of the illuminated area proves far more practical than relying on a single source. This arrangement allows the light beams to intersect, significantly minimizing the potential for shadows to form.

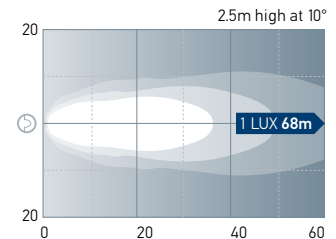
Sea Hawk-XL Dual Color - Spread



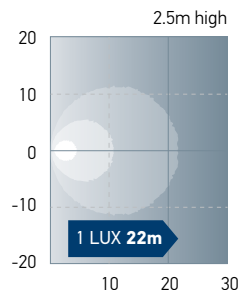
Sea Hawk-XLR - Spread



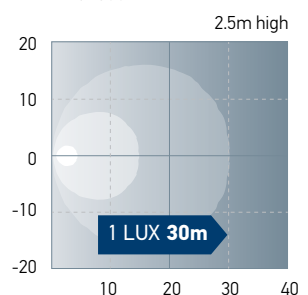
Sea Hawk-XLR - Spot



FMS1200



FMS2500

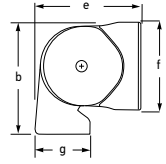
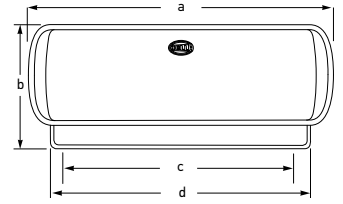




## Sea Hawk-XL Dual Color LED Floodlights Spread Beam

Professional sports fisherman, commercial operators, and ocean racers all recognize the 'non-glare' night vision preservation advantages of red lighting. Two rows of bright white light is ideal when working, docking or landing the big one while the third row of secondary color adds versatility. Red is perfect for preserving your night vision, blue is popular when a point of difference is needed, while warm white creates added comfort when you want to relax or match the rest of your interior lighting.

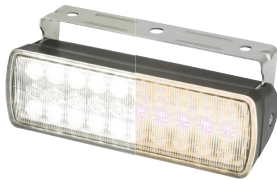
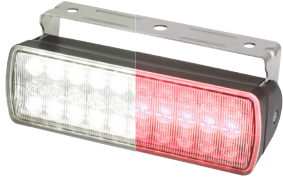
A heavy duty Grilamid® lens provides exceptional impact resistance. The unique ceramic thermal polymer housing distributes heat away from internal components and avoids potential corrosion issues associated with metal housings.



### Dimensions

a = 170mm / 6.69"    e = 58mm / 2.28"  
 b = 68mm / 2.68"    f = 55mm / 2.17"  
 c = 120mm / 4.72"    g = 30mm / 1.18"  
 d = 154mm / 6.06"

Note: Dimensions for Sea Hawk-XL Dual Color and Sea Hawk-XLR.



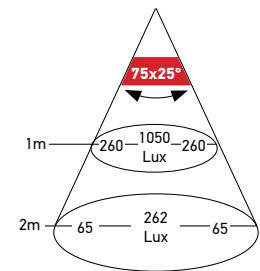
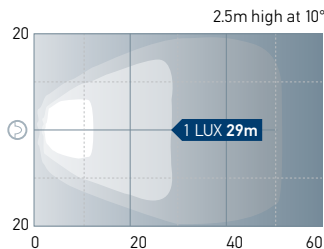
LED Colors	Housing Color	Part Number
White / Red	Black Housing	980950041
White / Red	White Housing	980950051
White / Blue	Black Housing	980950061
White / Blue	White Housing	980950071
White / Warm White	Black Housing	980950081
White / Warm White	White Housing	980950091

Packaging Retail blister for single pack. PN shown in table above  
 Trade Carton Pack 18pc multiple, replace final PN digit '1' with '7'

Housing Material	Corrosion proof thermal polymer
Lens Material	Grilamid® plastic, impact and UV resistant
Bracket Material	316 Stainless Steel
Lumen	750 lumen
Color Temperature	5000K (White), 2700K (Warm White)
Operating Voltage	Multivolt™ 12 / 24V DC
Power Consumption	12W - White LEDs, 4W - Warm White LEDs, 4W - Blue LEDs, 2W - Red LEDs
Cable	2.5m tinned marine cable
Protection	IP67 (Completely sealed)
Compliance	CE, RCM



### Beam Pattern Dual Color - Spread

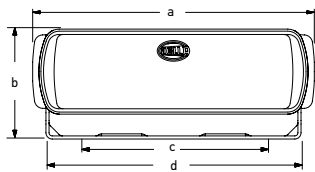
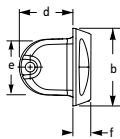


Sea Hawk Dual Color



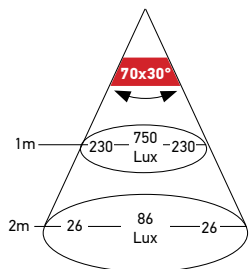
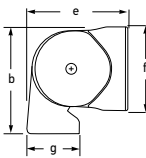
**Dimensions**

- a = 175mm / 6.90"
- b = 49mm / 1.93"
- c = 150mm / 5.91"
- d = 35mm / 1.38"
- e = 42mm / 1.65"
- f = 12mm / 0.47"



**Dimensions**

- a = 136mm (5.35")
- b = 53mm (2.08")
- c = 90mm (3.54")
- d = 123mm (4.85")
- e = 52mm (2.04")
- f = 42.0mm (1.66")
- g = 25mm (0.99")



Sea Hawk-R Recess & Bracket Mount Spread

## Sea Hawk-R LED Floodlights

### Recessed / Bracket Mount

Sea Hawk-R housings are 'Non-metal', precision injection moulded from thermally conductive ceramic polymer that is highly resistant to degradation, even under harsh UV. Effectively transferring heat away from internal electronics to external surfaces for reliable long-term operation.

The Sea Hawk-R offers 550 lumens for only 7W of consumption. The engineered optical system illuminates with a wide, close-range spread over cockpits, foredecks or working areas on commercial and recreational vessels. Mounting options include a Stainless Steel bracket for mounting upright or as a pendant, or mount it recessed where desired.

#### Recess Mount

Lens Type	Black Housing	White Housing
Spread	980577001	980577011
Spot	980577201	980577211

#### Bracket Mount

Light Color	Black Housing	White Housing
White	980573011	980573021
Warm White	980573051	980573061

*Packaging Retail blister for single pack. PN shown in table above  
Trade Carton Pack 18pc multiple, replace final PN digit '1' with '7'*

Housing Material	Corrosion proof thermal polymer	
Lens Material	Grilamid® plastic, impact and UV resistant	
Bracket (0573 Series)	316 stainless steel	
Lumen	550 lumen	
Color Temperature	5000K (White) / 3000K (Warm White)	
Operating Voltage	Multivolt™ 12 / 24V DC	
Power Consumption	7W ( 0.58A@12V / 0.29A@24V )	
Cable	Recess: 500mm tinned marine cable Bracket: 2.5m tinned marine cable	
Protection	IP67 (Completely Sealed)	
Compliance	CE, RCM	



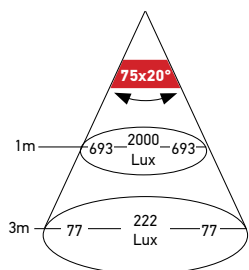
## Sea Hawk-XLR LED Floodlights

1500 lumens of crisp, white, darkness-busting illumination with the proven Sea Hawk-XLR. Housings are precision injection moulded from thermally conductive ceramic polymer. This advanced material draws heat from internal electronics for reliable long-term operation and eliminates the need for an aluminum housing in this class of floodlight, removing corrosion risks in the harsh marine environment.

Lens Type	Black Housing	White Housing
Spread	980740001	980740011
Spot	980740201	980740211

*Packaging Retail blister for single pack. PN shown in table above  
Trade Carton Pack 18pc multiple, replace final PN digit '1' with '7'*

Housing Material	Corrosion proof thermal polymer	
Lens Material	Grilamid® plastic, impact and UV resistant	
Bracket Material	316 Stainless Steel	
Lumen	1500 lumen	
Color Temperature	5000K	
Operating Voltage	Multivolt™ 12 / 24V DC	
Power Consumption	18W (High) 2W (Low)	
Cable	2.5m tinned marine cable	
Protection	IP67 (Completely Sealed)	
Compliance	CE, RCM	



Sea Hawk-XLR

Note: Dimensions same as Sea Hawk-XL  
Dual Color.



## FMS Deck Lamps

Hella marine introduces the low profile and powerful FMS LED deck lamps. These surface mount scene lamps are purpose designed to integrate discretely into tight spaces and exterior recesses, yet throw a huge amount of light wherever they are installed. With a protrusion of only 38mm, the FMS lamps are sleek and unobtrusive during the day, but make themselves very well-known at night!

Two light intensities are offered: the FMS1200 with 1200 lumens; and the FMS2500 with an even more powerful 2500 lumens. Both lamps offer even, close-range illumination directly underneath the lamp. The light is projected downwards at a fixed angle of 45 degrees, no brackets to adjust.

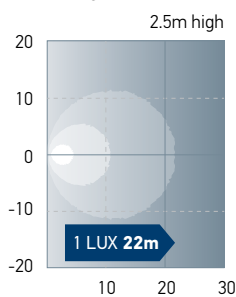
Energy efficient, completely sealed, shock and vibration resistant lighting. Advanced electronics provide consistent illumination and circuit protection across a range of inputs from 12/24V DC for an ultra-long service life.



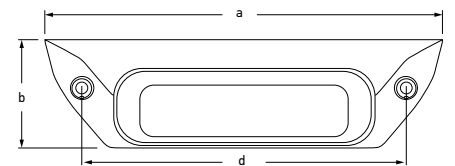
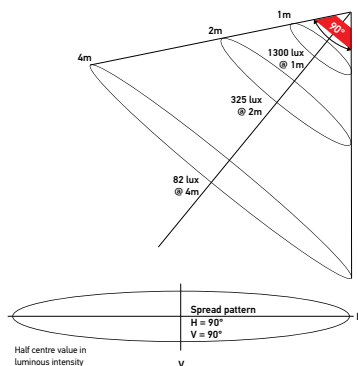
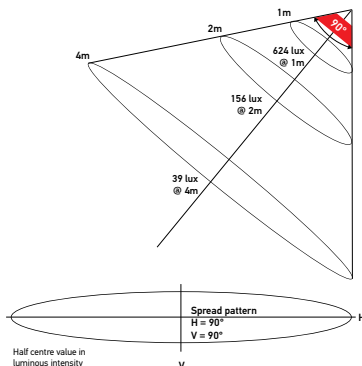
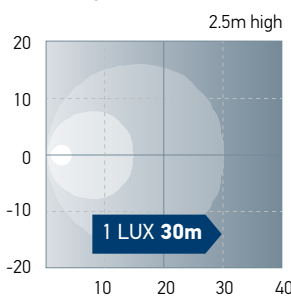
Lamp Type	Black Housing	White Housing
FMS1200	996098001	996098501
FMS2500	996098011	996098511
Packaging	Trade carton for single pack	

Housing Material	Die-cast aluminum, CoroSafe coating
Mounting	Surface mount
Lumen	FMS1200: 1200 lumen FMS2500: 2500 lumen
Color Temperature	6500K
Operating Voltage	Multivolt™ 12 / 24V DC
Power Consumption	FMS1200: 14W (1.17A@12V DC / 0.58A@24V DC) FMS2500: 28W (2.33A@12V DC / 1.17A@24V DC)
Cable	500mm of twin core cable
Protection	IP6K9K, IP6K8
Compliance	ECE, R10, RCM, ADR / GGVSEB

FMS1200 Light Distribution

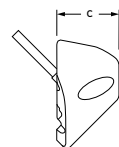


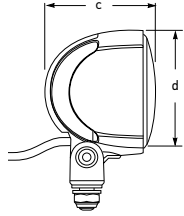
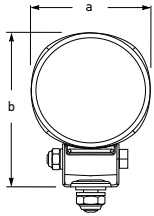
FMS2500 Light Distribution



**Dimensions**

- a = 243mm (9.57")
- b = 66mm (2.59")
- c = 38mm (1.49")
- d = 134mm (5.27")





**Dimensions**

- a = 83mm (3.27")
- b = 110mm (4.33")
- c = 74mm (2.91")
- d = 83mm (3.27")



## Module 70 & Module 70 PRO

The standard Module 70 offers an impressive 800 lumen of crisp white light illumination, while the Module 70 PRO steps this up to offer 3500 lumen, or over 4x the light output in the same size housing. A pair of 800 lumen Module 70 lamps is more than enough to light up your average cockpit, but these could be replaced by a single Module 70 PRO, or a pair if significant lighting in a larger area is needed.



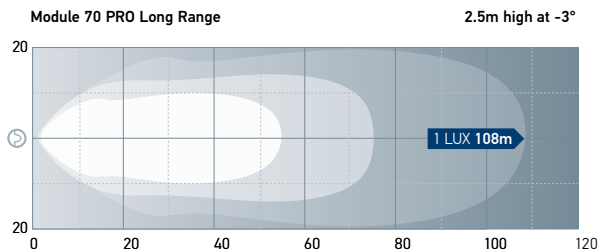
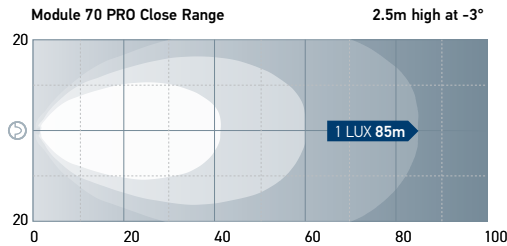
### Module 70

Lens Type	White Housing
Close Range	996276471
Packaging	Retail blister for single pack

### Module 70 PRO

Lens Type	Black Housing	White Housing
Close Range	996476211	996476191
Long Range	996476221	996476201
Packaging	Retail blister for single pack	

	Module 70	Module 70 PRO
Housing Material	UV and impact resistant plastic front housing. Die cast aluminum body, Glass lens	Aluminum, CoroSafe coating. Glass lens
Lumen	800 lumen	3500 lumen
Color Temperature	6500K	
Operating Voltage	Multivolt™ 12 / 24V DC	
Power Consumption	13W (<1.08A@12V DC / <0.54A@24V DC)	29W (2.4A@12V DC / 1.2A@24V DC)
Cable	2m tinned marine cable	
Protection	IP6K9K (Completely sealed)	

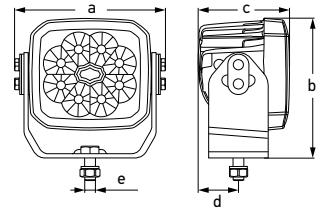




## RokLUME 280 N Gen. 2 Floodlight

The next Generation of RokLUME 280 floodlights build on their expertise for heavy duty marine applications. High quality materials offer superior impact, shock, vibration, UV and corrosion resistance. NanoSafe coating provides extra layers of non-stick corrosion protection.

Advanced optics ensure that the right amount of light reaches the area it is most needed, with beam patterns designed to generate even illumination and avoid bright spots, dark patches or stray light rays that serve no useful purpose. Each lamp is fully sealed against dust and water ingress, making these work lights suitable for the harshest environments and ensuring an ultra long service life.



**Dimensions:**  
 a = 142mm (5.6")  
 b = 131mm (5.2")  
 c = 86mm (3.4")  
 d = 38mm (1.5")  
 e = 10mm (0.39")



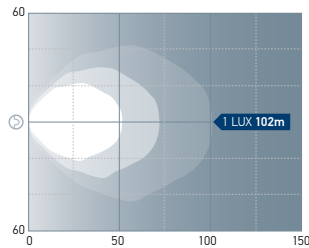
Close Range



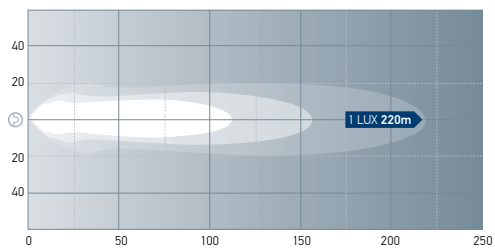
Long Range

Lens Type	Part Number
Close Range	995706501
Long Range	995706511
Packaging	Trade Carton for single pack
Housing Material	Die-cast aluminum with NanoSafe non-stick coating
Bracket Material	Heavy Duty Stainless Steel
Lumen	5000 lumen
Color Temperature	5000K
Power Consumption	50W Max
Operating Voltage	Multi-voltage (9 – 32 V)
Cable	DT socket (counter plug supplied)
Protection	IP6K8 & IP6K9K - (Protection against dust and high-pressure/steam jet cleaning)
Compliance	CE, ECE R10, RCM

Close Range 995706501



Close Range 995706511

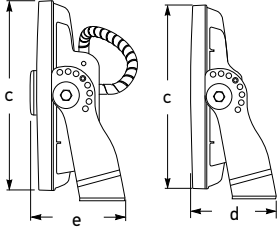
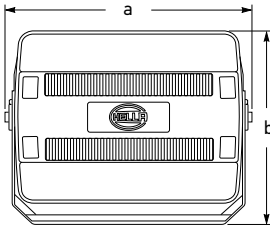


# HypaLUME Floodlighting

A quantum technology leap for commercial vessels, HypaLUME is Hella marine's most powerful floodlight. Designed for applications where high output lighting in extreme environments are required. Comprehensive sealing and anti-corrosion measures have been taken to ensure the lamps withstand the toughest conditions. The premium aluminum housing is corrosion resistant with a non-stick and easy to clean surface coating.

A heavy duty Grilamid® lens offers unbeatable toughness against impacts and vibration while providing long term UV stability and resistance to commonly used chemicals for the life of the product.

The HypaLUME is designed to operate over an extreme temperature range from -40°C to +50°C. The advanced thermal management draws heat away from the LEDs to maintain a long service life.



AC

DC

### Dimensions

#### 110 / 230V AC

a = 520mm (20.47")  
b = 380mm (15.9")  
c = 359mm (14.13")  
e = 180mm (7.08")

#### 24 / 48V DC

a = 520mm (20.47")  
b = 380mm (15.9")  
c = 359mm (14.13")  
d = 166mm (6.54")



Wieland RST Mini Connection



DT connection

## 110 / 230V AC LED Floodlights

Lens Type	Part Number
Close Range	958334011
Long Range	958334021
Extra Wide	958334031
Packaging	Trade Carton for single pack

Operating Voltage	100 to 240V AC
Power Consumption	300W
Lumen	28000 lumen
Connection	Wieland RST Mini - 16A
Cable	Supplied with 2.0m of easy plug-in sheathed cable
Protection	IP66 and IP67 (Protection against dust and high pressure water jets and temporary water immersion) Over-temperature protection
Compliance	CE, RCM, FCC, AS/NZS 60598.2.5

## 24 / 48V DC LED Floodlights

Lens Type	Part Number
Close Range	011872501
Long Range	011872511
Extra Wide	011872521
Packaging	Trade Carton for single pack

Operating Voltage	22 to 52V DC
Power Consumption	260W
Lumen	25000 lumen
Connection	4 Pin Deutsch plug
Cable	Supplied with 1.8m of easy plug-in sheathed cable
Protection	IP6K9K (Fully sealed against dust and high-pressure / steam jet cleaning) Advanced thermal management. Reverse polarity, transient spike and over voltage protection
Compliance	CE, RCM, FCC, ISO 13766, ECE R10



Close Range Lens



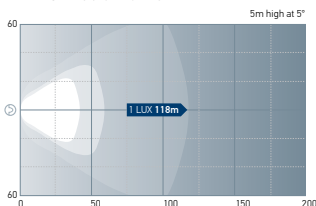
Long Range Lens



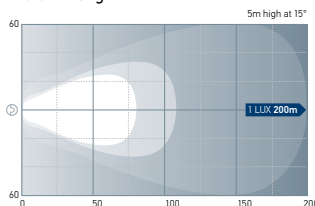
Extra Wide Lens



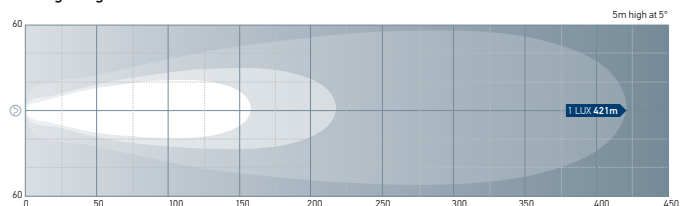
Extra Wide 011872521



Close Range 011872501



Long Range 011872511

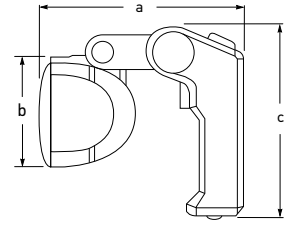




## LED Hand Held Search Light

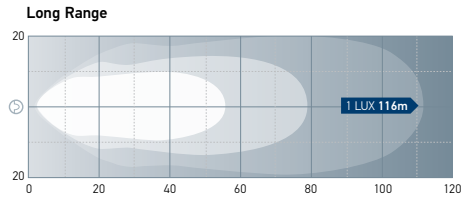
Hella marine hand held search lights are vital tools for night sailing and essential for spotting looming obstacles from a safe distance, or dependable light in an emergency. Integrated trigger switch and handle allows for Morse code signaling.

Rugged construction and a CoroSafe coating system is specifically designed for the harsh marine environments. Multivolt™ technology ensures reliable illumination and lamp protection even under severe voltage fluctuations and low battery conditions. Advanced electronics provide reverse polarity, spike and over-voltage protection for long life and reliable operation.



**Dimensions**  
 a = 160mm (6.30")  
 b = 83mm (3.30")  
 c = 145mm (5.71")

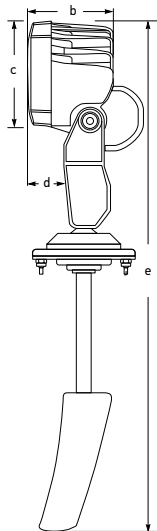
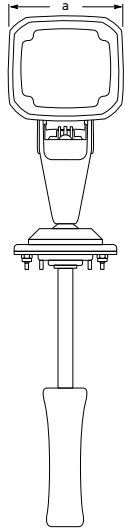
Lens Type	Black Housing
Long Range	996476502
Packaging	Retail blister for single pack
Housing Material	Die-cast aluminum, CoroSafe coating
Lumen	3500 lumen
Operating Voltage	Multivolt™ 12 / 24V DC
Cable	Spiral cable with cigarette plug (3.5m)
Power Consumption	29W (2.42@12V DC / 1.21A@24V DC)
Protection	IP6K9K, IP6K8 (Completely sealed)



Accessory	
Deck Mount Base	998519001

# Ultra Beam Search

## Cabin Controlled Search Light



### Dimensions

- a = 115mm (4.53")
- b = 86mm (3.39")
- c = 129mm (5.1")
- d = 38mm (1.5")
- e = 502mm (19.8")

The Ultra Beam search light is a through-roof mountable lamp, giving beam direction control from inside the cabin. The lamp features a powerful light output of 4400 lumen in a search light pattern for illumination distance of 310m @ 1 Lux. The proven mounting system offers operation in any direction from the comfort of the cabin or wheelhouse with 360° of rotation and 30° of vertical adjustment.

The unique corrosion proof housing provides exceptional durability and long-term reliability through unmatched corrosion resistance. Quality materials like the impact resistant polycarbonate lens and the premium aluminum housing ensure a long lifetime, and a maintenance-free lighting product.

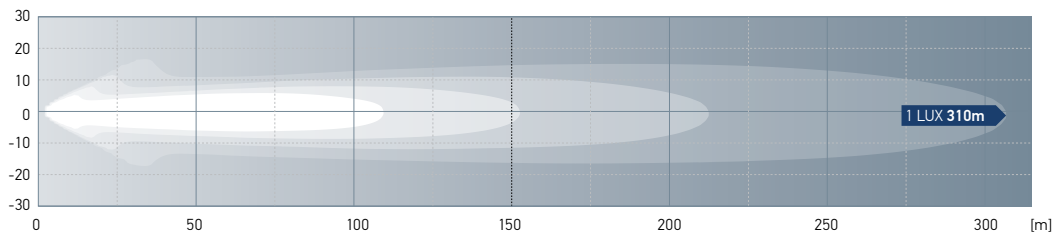
This LED search light uses the same footprint and mounting situation as the Halogen series 99850202x. An upgrade is easily possible.

Lens Type	Part Number
Spot illumination	995606091
Packaging	Trade Carton for single pack
Installation	Designed for installations through cabin roofs
Lens Material	High impact PC lens
Color Temperature	6500K
Light Output	4400 Lumen
Operating Voltage	Multivolt™ 12 / 24V DC
Power Consumption	50W (2.1A@12V/4.2A@24V)
Cable	350mm of cable, grommet sealed, o-ring included
Protection	Lamp: IP6K9K (Protection against dust and high-pressure/steam jet cleaning) Handle: IPx4 (Protection from splashing water from any direction)
Compliance	CE, EMC, RCM



Ultra Beam Search

2.5m high - 3 degrees





# NaviLED Navigation Lights

## SETTING THE STANDARD

**Hella marine's NaviLED range are the leaders in the marine Navigation signal lighting industry, having established an enviable reputation for superior light control and reliability.**

Proven on the harshest waters worldwide, Hella marine LED Navigation Lamps provide power saving, highly visible and ultra durable lighting.

Navigation Lamps, often overlooked, are an essential component for any boat. Various rules dictate which lights are necessary for different types of vessels. For detailed information, refer to our Navigation Lamp Guide on page 30.



### **NaviLED, Superior Performance**

Advanced LED optics deliver optimal horizontal and vertical light distribution according to international standards. Cut-off angles are ultra precise, clearly indicating a vessel's movement and heading.

Each Hella marine LED lamp is a completely sealed opto-electronic device. Proven design, precision engineering, and the use of high impact acrylic materials ensures superior resistance to water, impact, UV and general wear and tear.

All our Navigation Lamps feature extra thick lenses. Taking ultra durable lighting to a new level, Hella marine specifies Grilamid®, a high performance polyamide as a standard or optional lens choice. Grilamid® is a revolutionary transparent plastic with an exceptionally high impact strength and resistance to UV and chemical damage.

Multivolt™ circuitry provides a uniform level of intensity for reliable and safe illumination across a range of DC inputs such as 9-33 volts. Multivolt™ LED lamps can be connected to 12 or 24 volt systems without modification, providing full light performance and automatic compensation for low battery voltages and voltage drop over long cables and connections. Multivolt™ LED lamps are also reverse polarity and spike protected for enhanced durability even under severe voltage fluctuations.

We design our products to suppress electromagnetic interference, complying with the emission and immunity limits prescribed in international standards. This protects the radio, communication, navigation and other electrical equipment onboard from possible interference with our products.

## Photometric Testing

NaviLED lamps are photometrically verified in our facility by a sophisticated goniometer to ensure compliance with the intensity and cut-off requirements of international navigation lamp standards.

After passing photometric testing and where required, 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.



## Navigation Lamp Approvals

Hella marine navigation lamps comply with the International Regulations for Prevention of Collisions at Sea (IMO COLREG 72). Refer to our Navigation Lamp Guide on page 30.

This IMO compliance, together with supplementary national or regional requirements, is listed with each navigation lamp series throughout the catalog.

### Approval types:



Complies with IMO (International Maritime Organization) requirements under the International Regulations for the Prevention of Collisions at Sea. (IMO COLREG 72). IMO COLREG 72 forms the international basis for legal navigation lighting on vessels.



Complies with USCG (United States Coast Guard) requirements. Lamps carry a marking for minimum visible distance in nautical miles, e.g. USCG 2NM.



Approved under the Marine Equipment Directive (MED) 96/98/EC last modified by directive 2008/67/EC for use throughout Europe in all EC member states for both pleasure and commercial vessels.



Complies with ABYC (American Boat and Yacht Council) Navigation Lamp Standard C-5.



Suitable for vessels compliant with RCD (Recreational Crafts and Personal Watercraft Directive) 2013/53/EU. RCD promotes a single set of EU safety and technical requirements for new recreational vessels less than 24m in length within the European Community.



Approved for placement on UK ships. Carries the UK conformity mark for marine equipment, the 'Red Ensign'. Required from 1st January 2023.

### Certifying bodies:



Approved by the German BSH (Bundesamt für Seeschifffahrt und Hydrographie) and carry BSH type approval numbers. BSH was formerly called DHI (Deutsches Hydrographisches Institut).



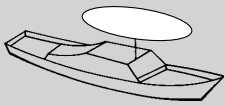
Approved by the Italian RINA (Registro Italiano Navale) authority.

# IMO COLREG 72 Lights and Visibility - Powerboats

IMO COLREG requirements for navigation lighting on powerboats less than 50m (164ft) LOA (Length Overall).

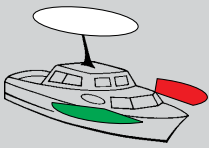
Note - Sailboats under motor adopt the rules for Powerboats.

**Powerboats up to 7m (23ft).**  
*Not capable of more than 7 knots*



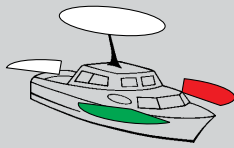
- 1x All Round White

**Powerboats up to 12m (39.6ft)**  
*Where Separate Masthead and Stern cannot be mounted*



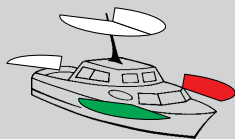
- 1x Port lamp (2NM)
- 1x Starboard lamp (2NM)
- OR
- 1x Bi-Color lamp (2NM)
- 1x All Round White lamp (2NM)

**Powerboats up to 12m (39.6ft)**




- 1x Port lamp (2NM)
- 1x Starboard lamp (2NM)
- OR
- 1x Bi-Color lamp (2NM)
- 1x Masthead lamp (2NM)
- 1x Stern lamp (2NM)
- 1x All Round White lamp (2NM) for vessels at anchor

**Powerboats more than 12m (39.6ft), but less than 20m (66ft)**



- 1x Port lamp (2NM)
- 1x Starboard lamp (2NM)
- OR
- 1x Bi-Color lamp (2NM)
- 1x Masthead lamp (3NM)
- 1x Stern lamp (2NM)
- 1x All Round White lamp (2NM) for vessels at anchor

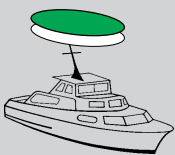
**Powerboats more than 20m (66ft), but less than 50m (164ft)**



- 1x Port lamp (2NM)
- 1x Starboard lamp (2NM)
- 1x Masthead lamp (5NM)
- 1x Stern lamp (2NM)
- 1x All Round White lamp (2NM) for vessels at anchor

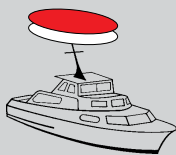
The following images depict **ADDITIONAL** lighting requirements for specific activities:

**A vessel less than 50m (164ft) engaged in trawling**



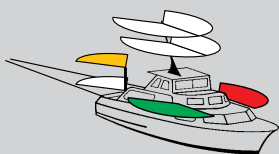
- 1x All Round Green lamp (2NM)
- 1x All Round White lamp (2NM)
- Mounted above one another

**A vessel less than 50m (164ft) engaged in fishing, other than trawling**



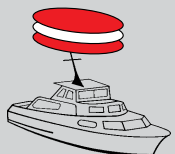
- 1x All Round Red lamp (2NM)
- 1x All Round White lamp (2NM)
- Mounted above one another

**Powerboats towing with a tow length of less than 200m**



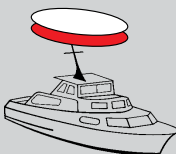
- 1x Towing lamp (2NM) Mounted above Stern lamp
- 2x Masthead lamps in a vertical line. (When the tow length exceeds 200m, 3x Masthead lamps in a vertical line)

**A vessel engaged in diving operations**



- 1x All Round Red lamp (2NM)
- 1x All Round White lamp (2NM)
- 1x All Round Red lamp (2NM) Mounted above one another

**A vessel engaged in pilotage duty**

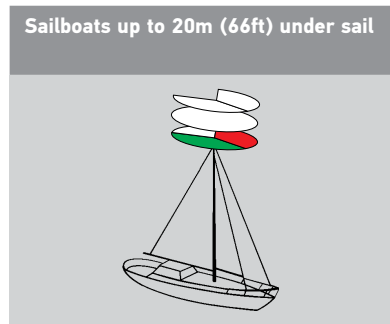





- 1x All Round White lamp (2NM)
- 1x All Round Red lamp (2NM) Mounted above one another

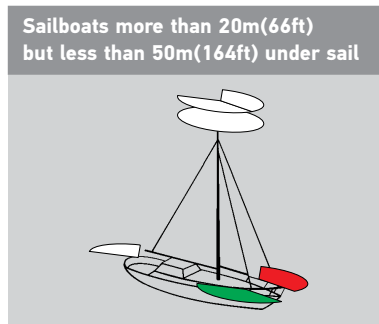
# IMO COLREG 72 Lights and Visibility - Sailboats







IMO COLREG requirements for navigation lighting on sailboats less than 50m (164ft) LOA (Length Overall).

Note - Sailboats under motor adopt the rules for Powerboats.

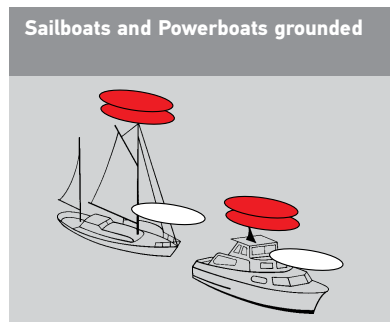




-  1x Tri-Color lamp (2NM)
-  1x Masthead lamp (3NM)
-  1x All Round White lamp (2NM)  
for vessels at anchor

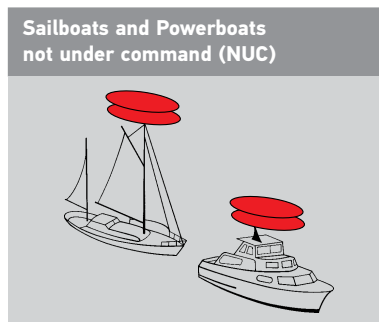



-  1x Port lamp (2NM)
-  1x Starboard lamp (2NM)
- OR
-  1x Bi-Color lamp (2NM)
-  1x Stern lamp (2NM)
-  1x Masthead lamp (5NM)
-  1x All Round White lamp (2NM)  
for vessels at anchor

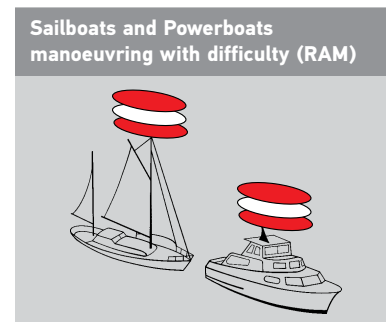
The following images depict ADDITIONAL lighting requirements for specific activities:






-  1x All Round White lamp (2NM)
-  2x All Round Red lamp (2NM)  
Mounted above one another



-  2x All Round Red lamp (2NM)  
Mounted above one another



-  1x All Round Red lamp (2NM)
-  1x All Round White lamp (2NM)
-  1x All Round Red lamp (2NM)  
Mounted above one another

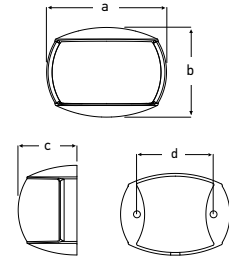


## NaviLED Compact 2NM

Hella marine NaviLED products are the leaders in the marine navigation signal lighting industry, having established an enviable reputation for superior light control and reliability. NaviLED Compact Port, Starboard and Stern lamps, with their 2NM visibility, cover vessel requirements up to 50m.

Designed with components that suppress possible interference, both emission as well as susceptibility to emissions, to the limits prescribed in international standards. This prevents possible interference with radio, communication, navigation and other electrical equipment on board.

Hella marine lamps are rated at IP67 and completely sealed. UV from the sun, corrosive salt air and constant vibration: these lamps are impervious to the marine environment.



**Dimensions**  
a = 71mm (2.80")  
b = 53mm (2.09")  
c = 33mm (1.30")  
d = 50mm (1.97")



### Single Lamps

Lamp Type	Lens	Cable	Black Shroud	White Shroud
Port	Color	120mm	980520001	980520011
Port	Clear	120mm	980520101	980520111
Port	Color	2.5m	980520031	980520041
Port	Clear	2.5m	980520131	980520161
Starboard	Color	120mm	980520201	980520211
Starboard	Clear	120mm	980520301	980520311
Starboard	Color	2.5m	980520231	980520241
Starboard	Clear	2.5m	980520331	980520361
Stern	Clear	120mm	980520501	980520511
Stern	Clear	2.5m	980520531	980520541

*Packaging Retail blister for single pack. PN shown in table above  
Trade Carton Pack 10pc multiple, replace final PN digit '1' with '7'*

### Port & Starboard Pairs

Lamp Type	Lens	Cable	Black Shroud	White Shroud
Port & Starboard	Color	120mm	980520801	980520811
Port & Starboard	Clear	120mm	980520901	980520911

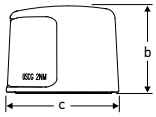
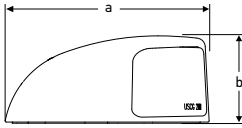
*Packaging Retail blister for single pack. PN shown in table above  
Trade Carton Pack 10pc multiple, replace final PN digit '1' with '7'*



Housing Material	UV Resistant ASA polymer
Lens Material	Enhanced impact, UV resistant acrylic
Minimum Visible Distance	2NM (Yachts and Powerboats)
Operating Voltage	Multivolt™ 12 / 24V DC
Voltage Protection	Spike protected to +500 volts Reverse polarity protected to -700 volts
Power Consumption	Port / Starboard <2W combined - Stern <2W
Cable	Tinned marine cable
Protection	IP67 (Completely Sealed)
Compliance	IMO COLREG 72, USCG, ABYC C-5, RCM, Maritime NZ, CE, RINA

## NaviLED Deck Mount 2NM Pair

NaviLED Deckmount Port and Starboard lamps, with their 2NM visibility, cover vessel requirements up to 50m. Ultra low power consumption from the highly efficient LED light source, these lamps also provide exacting light intensity across a wide range of voltage inputs from 9V DC to 32V DC.



### Dimensions:

a = 90mm (3.54")  
b = 38.5mm (1.52")  
c = 50mm (1.97")

Lamp with Colored Lens	Black Housing	White Housing
Port & Starboard (2NM)	980620801	980620811
Lamp with Clear Lens	Black Housing	White Housing
Port & Starboard (2NM)	980620901	980620911

*Packaging Retail blister for 1 pair of lamps. PN shown in table above  
Trade Carton Pack 5pc multiple, replace final PN digit '1' with '7'*

Housing Material	UV Resistant ASA polymer
Lens Material	Enhanced impact, UV resistant acrylic
Minimum Visible Distance	2NM (Yachts and Powerboats)
Operating Voltage	Multivolt™ 12 / 24V DC
Voltage Protection	Spike protected to +500 volts Reverse polarity protected to -700 volts
Power Consumption	Port / Starboard <2W combined.
Cable	500mm of tinned marine cable
Protection	IP67 (Completely Sealed)
Compliance	IMO COLREG 72, USCG, ABYC A-16, RINA, Maritime NZ



## NaviLED Tri-Color 2NM

NaviLED Tri-Color includes a 2NM rated Port, Starboard, Stern and separate Anchor function for sailing vessels under sail. Designed with components that suppress possible interference, both emission as well as susceptibility to emissions, to the limits prescribed in international standards. This prevents possible interference with radio, communication, navigation and other electrical equipment on board.

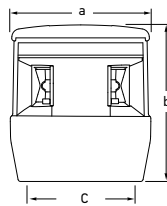
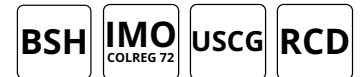
Hella marine lamps are rated at IP67 and completely sealed. UV from the sun, corrosive salt air and constant vibration, these lamps are impervious to the marine environment.

### Tri Color Lamp with Anchor

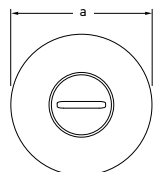
Visibility	Black Base
2NM	980650001

*Packaging Retail blister for single pack. PN shown in table above  
Trade Carton Pack 10pc multiple, replace final PN digit '1' with '7'*

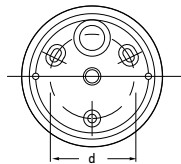
Housing Material	UV resistant, high impact nylon
Lens Material	Grilamid® plastic, impact and UV resistant
Mounting Shaft	316 Stainless Steel
Minimum Visible Distance	2 NM (Yacht)
Operating Voltage	Multivolt™ 12 / 24V DC
Voltage Protection	Spike protected to +500 volts Reverse polarity protected to -700 volts
Power Consumption	Port, Starboard and Stern - <3.5W combined All Round White / Anchor - <1.5W
Cable	400mm of tinned marine cable
Protection	IP67 (Completely Sealed)
Compliance	BSH, IMO Col Reg 72, USCG, ABYC A-16, RCM, Maritime NZ, CE



Side profile



Top profile



Mounting Layout

### Dimensions

a = 85mm (3.35")  
b = 95mm (3.74")  
c = 75mm (2.95")  
d = Ø50.8mm (2")

NaviLED Trio Windex Adaptor Nut Part Number: 9NM 958 988-402

316 SS adaptor to install a Windex onto the Tri Color mounting shaft.





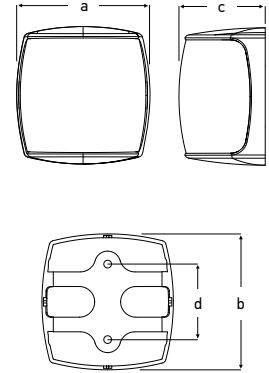
## NaviLED PRO

Hella marine NaviLED products are the leaders in the marine navigation signal lighting industry, having established an enviable reputation for superior light control and reliability.

NaviLED PRO Port, Starboard, and Stern lamps 2NM are now compliant with ABYC C-5, and cover vessel requirements up to 164ft (50m) LOA, while the 3NM versions cover vessel sizes greater than 164ft (50m) LOA.

Designed with components that suppress possible interference, both emission as well as susceptibility to emissions, to the limits prescribed in international standards. This prevents possible interference with radio, communication, navigation and other electrical equipment on board.

Hella marine lamps are rated at IP67 and completely sealed. UV from the sun, corrosive salt air and constant vibration, these lamps are impervious to the marine environment.



**Dimensions**  
 a = 87mm (3.43")  
 b = 90mm (3.54")  
 c = 57mm (2.25")  
 d = 50mm (1.97")



Lamp Type	Visibility	Black Shroud	White Shroud
Port	2NM	017460001	017460011
Port	3NM	017460101	017460111
Starboard	2NM	017461001	017461011
Starboard	3NM	017461101	017461111
Stern	2NM	017462001	017462011
Stern	3NM	017462101	017462111

*Packaging Retail sleeve for single pack. PN shown in table above  
 Trade Carton Pack 10pc multiple, replace final PN digit '1' with '7'*

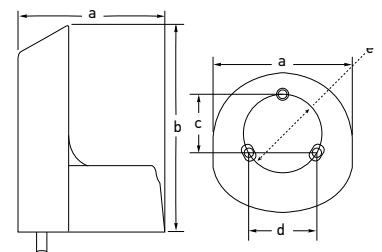
Visibility	2NM / 3NM Powerboat and Yacht
Lens Material	High impact and UV resistant acrylic
Operating Voltage	Multivolt™ 9–33V DC for 12 / 24V DC applications
Voltage Protection	Spike protected to +500 volts Reverse polarity protected to -500 volts
Power Consumption	<2W (0.17A@12V / 0.09A@ 24V DC)
Cable	2.5m of tinned marine cable
Protection	IP67 (Completely Sealed)
Compliance	ABYC C-5, Maritime NZ, CE, RCM

## NaviLED PRO Deck Mount Adaptor

The NaviLED PRO Deck Mount Adaptor allows the NaviLED PRO lamps to be mounted on a horizontal surface. MoQ: 2pc



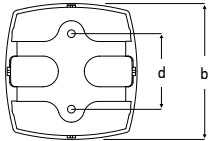
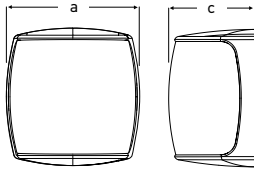
Black Housing	White Housing
241287802	241287812



**Dimensions**  
 a = 90mm (3.54")  
 b = 128mm (5.0")  
 c = 38mm (1.5")  
 d = 44mm (1.73")  
 e = 50.8mm (2.0")

## NaviLED PRO Masthead

NaviLED PRO Masthead lamps 3NM are now compliant with the new ABYC C-5 standards update, and cover vessel requirements up to 66ft (20m) LOA, while the 5NM versions cover vessel sizes 66–164ft (20–50m) LOA, while under sail.



### Dimensions

a = 87mm (3.43")  
 b = 90mm (3.54")  
 c = 57mm (2.25")  
 d = 50mm (1.97")

All Hella marine products are designed with components that suppress possible interference, both emission as well as susceptibility to emissions, to the limits prescribed in international standards. This prevents possible interference with radio, communication, navigation and other electrical equipment on board.

Hella marine lamps are rated at IP67 and completely sealed. UV from the sun, corrosive salt air and constant vibration, these lamps are impervious to the marine environment.

Lamp Type	Visibility	Black Shroud	White Shroud
Masthead	3NM	959940201	959940211
Masthead	5NM	959940401	959940411

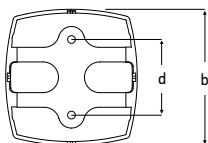
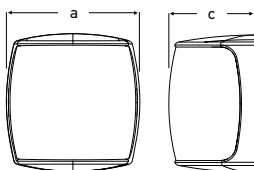
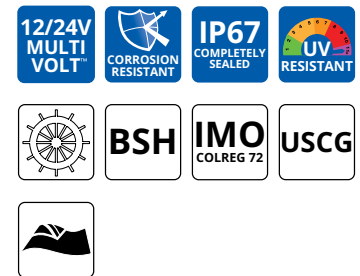
*Packaging Retail blister for single pack. PN shown in table above  
 Trade Carton Pack 10pc multiple, replace final PN digit '1' with '7'*

Visibility	3NM / 5NM Powerboat and Yacht
Lens Material	Grilamid® plastic, impact and UV resistant
Operating Voltage	Multivolt™ 12 / 24V DC
Voltage Protection	Spike protected to +500 volts Reverse polarity protected to -700 volts
Power Consumption	3NM <2.5W (0.2A@12V / 0.1A@24V) 5NM 4W (0.33A@12V / 0.17A@24V)
Cable	2.5m of tinned marine cable
Protection	IP67 (Completely Sealed)
Compliance	Wheelmark (MED), IMO COLREG 72, USCG, ABYC C-5, Maritime NZ, CE, RCM



## NaviLED PRO Bi-Color 2NM

NaviLED PRO Bi-Color lamps cover vessel requirements up to 50m. Designed with components that suppress possible interference, both emission as well as susceptibility to emissions, to the limits prescribed in international standards. This prevents possible interference with radio, communication, navigation and other electrical equipment on board.



### Dimensions

a = 87mm (3.43")  
 b = 90mm (3.54")  
 c = 57mm (2.25")  
 d = 50mm (1.97")

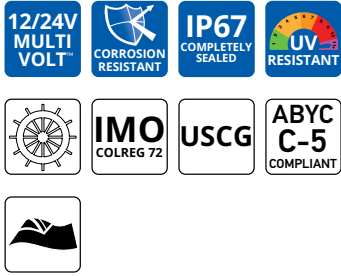
Hella marine lamps are rated at IP67 and completely sealed. UV from the sun, corrosive salt air and constant vibration, these lamps are impervious to the marine environment.

Lamp Type	Visibility	Black Shroud	White Shroud
Bi-Color	2NM	959941001	959941011

*Packaging Retail blister for single pack. PN shown in table above  
 Trade Carton Pack 10pc multiple, replace final PN digit '1' with '7'*

Visibility	2NM Powerboat and Yacht
Lens Material	Grilamid® plastic, impact and UV resistant
Minimal Visible Distance	2NM (Yachts and Powerboats)
Operating Voltage	Multivolt™ 12 / 24V DC
Voltage Protection	Spike protected to +500 volts Reverse polarity protected to -700 volts
Power Consumption	Less than 2 W (<0.17A@12V / <0.08A@24V)
Cable	2.5m of tinned marine cable
Protection	IP67 (Completely Sealed)
Compliance	Wheelmark (MED), BSH, IMO Col Reg 72, USCG, Maritime NZ, CE, Red Ensign, RCM





## NaviLED 360 Compact

### All Round White Navigation Lamp

NaviLED 360 PRO 2NM Series All Round Navigation Lamps have a low profile surface mount design, and are available in White, Green and Red.

Designed with components that suppress possible interference, both emission as well as susceptibility to emissions, to the limits prescribed in international standards. This prevents possible interference with radio, communication, navigation and other electrical equipment on board.

Ultra low power consumption from the highly efficient LED light source, these lamps also provide exacting light intensity across a wide range of voltage inputs from 12 / 24V DC.



#### Anchor Lamps with Compact Surface Mount Base

Height	Visibility	Black Base	White Base
56mm (2.2")	2NM	2LT 980 960-001	2LT 980 960-011

*Packaging Retail blister for single pack. PN shown in table above  
Trade Carton Pack 20pc multiple, replace final PN digit '1' with '7'*

#### Fixed Pole Anchor Lamps

Overall Length	Visibility	Black Base	White Base
167mm (6")	2NM	980960201	980960211
205mm (8")	2NM	980960231	980960241

*Packaging Retail blister for single pack. PN shown in table above  
Trade Carton Pack 20pc multiple, replace final PN digit '1' with '7'*

#### Fold Down Anchor Lamps

Overall Length	Visibility	Black Base	White Base
205mm (8")	2NM	980960281	980960291
315mm (12")	2NM	980960301	980960311
510mm (20")	2NM	980960321	980960331
605mm (24")	2NM	980960341	980960351
865mm (34")	2NM	980960361	980960371
1015mm (40")	2NM	980960461	980960471

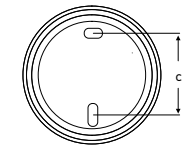
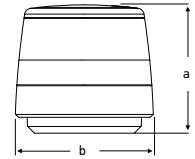
*Packaging Retail blister for single pack. PN shown in table above  
Trade Carton Pack 20pc multiple, replace final PN digit '1' with '7'*

#### Plug-in Pole Anchor Lamps

Overall Length	Visibility	Black Base	White Base
610mm (24")	2NM	980960401	980960411
1080mm (42")	2NM	980960421	980960431
1380mm (54")	2NM	980960441	980960451

*Packaging Retail blister for single pack. PN shown in table above  
Trade Carton Pack 20pc multiple, replace final PN digit '1' with '7'*

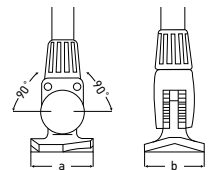
Housing Material	Corrosion, UV and impact resistant plastic
Lens Material	Grilamid® plastic, impact and UV resistant
Minimum Visible Distance	2NM
Operating Voltage	Multivolt™ 12 / 24V DC
Power Consumption	1W
Cable	2 core tinned marine cable
Protection	IP67 (Completely sealed)
Compliance	IMO COLREG 72, Wheelmark, USCG, ABYC C-5, Maritime NZ, CE, Red Ensign



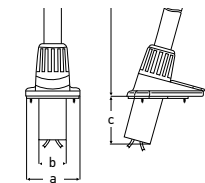
**Dimensions**  
a = 56mm (2.20")  
b = 60mm (2.36")  
c = 33mm (1.30")  
(mounting holes)



**Dimensions**  
a = 34mm (1.34")  
b = 75mm (2.95")



**Dimensions**  
a = 56mm (2.2")  
b = 52mm (2.05")



**Dimensions**  
a = 58mm (2.29")  
b = Ø30mm (1.19")  
c = 54mm (2.13")

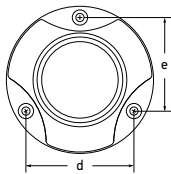
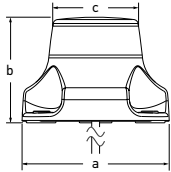
## NaviLED 360 PRO 2NM

### All Round White, Green and Red

NaviLED 360 PRO 2NM Series All Round Navigation Lamps have a low profile surface mount design, and are available in White, Green and Red.

All Hella marine products are designed with components that suppress possible interference, both emission as well as susceptibility to emissions, to the limits prescribed in international standards. This prevents possible interference with radio, communication, navigation and other electrical equipment on board.

Hella marine lamps are rated at IP67 and completely sealed. UV from the sun, corrosive salt air and constant vibration, these lamps are impervious to the marine environment.



#### Dimensions

- a = 90mm (3.54")
- b = 68mm (2.68")
- c = 53mm (2.09")
- d = 66mm (2.60")  
(mounting holes)
- e = 57mm (2.24")  
(mounting holes)

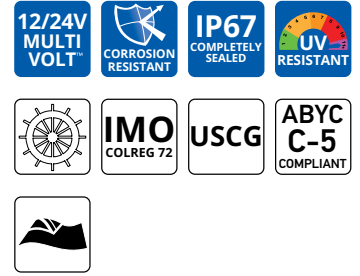
#### Anchor and All Round Lamps with Wide Base

Light Color	Visibility	Black Base	White Base
White	2NM	980910121	980910131
Red	2NM	980910521	980910531
Green	2NM	980910321	980910331

*Packaging Retail blister for single pack. PN shown in table above  
Trade Carton Pack 10pc multiple, replace final PN digit '1' with '7'*

#### COLREG and Wheelmark Certified All Round Lamps

Housing Material	Corrosion, UV and impact resistant plastic
Lens Material	Grilamid® plastic, impact and UV resistant
Minimum Visible Distance	2NM
Operating Voltage	Multivolt™ 12 / 24V DC
Power Consumption	1.5W
Cable	1.4m of tinned marine cable
Protection	IP67 (Completely sealed)
Compliance	IMO COLREG 72, Wheelmark, USCG, ABYC C-5, Maritime NZ, CE, Red Ensign





# Interior Lighting

## LIGHTING YOUR LIFESTYLE

**Designing or retrofitting your vessels lighting plays an important part of creating your perfect lifestyle / workspace environment.**

Hella marine's interior lighting range presents a versatile selection of luminaires designed to meet various applications. Every product in this range benefits from our three decades of expertise in LED technology, assuring you that you're choosing a lamp crafted by industry experts.

Choosing the perfect lighting solution demands thoughtful deliberation. Continue reading to uncover how Hella marine lights can genuinely transform your experience.

### **Light Output**

While lumens, measured in lumens, are often heavily promoted for modern downlights, they usually provide a poor indication of whether a light will meet your requirements. While total lumens do matter to some extent, there are more crucial factors to consider.

### **Beam Angle/Lux @ Distance**

For any given lumen count, a change to the beam angle will produce a higher lux, but over a smaller area. Narrow angle lamps are best when used to highlight a specific object with high intensity, or when the lamp is mounted up high. Wide beam angle lights are used for general purpose lighting to spread the light as wide as possible, and or where height is restricted and/or the lights need to spread as soon as possible.



### Color Temperature or 'CCT'

This is the measure of how 'Warm' or 'Cool' the light appears. Measured on a scale of Kelvin, similar to temperature, hence the association. Warmer tones, in the 2700K to 3000K range, replicate traditional halogen filament lighting and suit where the atmosphere is designed to be cozy and inviting; Saloons and Cabins. Cooler tone, in 4500K – 5500K range, would typically be where work is taking place, or where people need to be alert; Galleys, heads and cockpits.

### Color Rendering index or 'CRI'

LED lighting is significantly more efficient than traditional lighting sources, and a core reason for that is due to the fact that LEDs don't produce light on all spectrums. Isolated frequencies are produced that appear white to various degrees (see CCT above), but in doing so, can cause colors to appear washed out. Quality LED luminaires like the Hella marine interior range, will select LED chips that replicate more of the frequencies across the color spectrum, which in turn means that the reflected light will produce more vibrant colors, and similar to sunlight.

### Materials / Sealing

Hella marine interior lamps are all fully sealed, allowing for these lamps to be fitted to any interior or exterior space. Being sealed is only the start, as our lamps are impervious to UV and offer mainly polymer construction. Where metal trims are required, these are typically 316 Stainless Steel, which retains its look after many years with only the occasional wipe down.



Original cabin lighting.



EuroLED 75 lighting upgrade.

## Electro Magnetic Interference (EMI)

All active electronic devices, including LED products, create some degree of EMI. The danger comes when this interference occurs in the frequency range between 156 MHz and 165 MHz, used by marine VHF and AIS systems. This can potentially compromise communication, with major operational consequences posing a serious safety risk.



However, by utilizing LED products that are purposefully engineered to mitigate EMI, owners can pro-actively steer clear of potential issues. As a result, regional and international regulatory authorities have established precise standards for LED lighting utilized on boats, particularly in the context of maritime navigation and radio communications equipment.

In the interest of safety, boat owners should prioritize the verification of both exterior and interior LED lamps to ensure they adhere to maritime EMI standards. In cases where they do not meet these standards, upgrading to high-quality models that do can be a straightforward retrofit process. Moreover, such an upgrade offers additional advantages, including increased durability, brighter illumination, and an extended lifespan that these products provide.



## EuroLED 75 Down Lights

### Spring / Screw Mount

The EuroLED 75 uses a highly efficient optical system that produces a very wide and even illumination that is specifically designed to reduce individual light source glare, which can lead to discomfort and eye strain.

A high color rendering index of 85+ ensures object and surface colors are replicated naturally. EuroLED 75 is available in warm (2700K) or neutral (5000k) White light which will beautifully enhance the materials chosen for your vessel. Additional dual color option available with Red LEDs to allow a low light mode for navigation at night. Screw or spring mount options and using a standard 50mm / 2" cutout make new or refit installation a breeze.

Completely sealed so can be used for interior and exterior, wet or dry locations. These lamps are impervious to the marine environment and can be fitted throughout the vessel, maintaining a consistent appearance.



WATCH THE VIDEO



#### Screw Mount Lamps

Light Color	Voltage	Shape	White Plastic Trim	Stainless Steel Trim
White	12V	Round	958110511	958110521
White	24V	Round	958110611	958110621
Warm White	12V	Round	958109511	958109521
Warm White	24V	Round	958109611	958109621
Red / White	12V	Round	015247511	015247521
Red / Warm White	12V	Round	015247611	015247621

#### Spring Mount Lamps

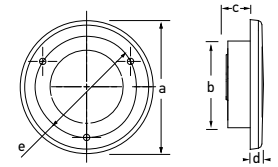
Light Color	Voltage	Shape	White Plastic Trim	Stainless Steel Trim
White	12V	Round	958110011	958110021
White	24V	Round	958110111	958110121
Warm White	12V	Round	958109011	958109021
Warm White	24V	Round	958109111	958109121
Red / White	12V	Round	015247011	015247021
Red / Warm White	12V	Round	015247111	015247121
White	12V	Square	015014011	015014021
White	24V	Square	015014111	015014121
Warm White	12V	Square	015014211	015014221
Warm White	24V	Square	015014311	015014321

**Packaging** Retail blister for single pack. PN shown in table above  
Screw Mount Trade Carton Pack 20pc multiple /  
Spring Mount Trade Carton Pack 18pc multiple,  
replace final PN digit '1' with '7'

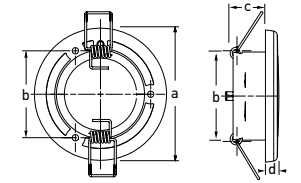
Trim material	UV resistant plastic or 316 Polished Stainless Steel
Lumen	190 lumen
Beam Angle	90°
CRI	85
Operating Voltage	12V DC or 24V DC voltage options
Power Consumption	<3W ( <0.19A @ 12V DC / <0.1A @ 24V DC)
Color Temperature	5000K (White), 2700K (Warm White)
Dimming	Via PWM or Voltage Resistive dimmer
Cable	120mm tinned marine cable
Protection	IP6K7 & IP6K9K (Completely sealed)
Compliance	CE, RCM, EN60945:2002

#### EuroLED 75 - Round

##### Screw Mount

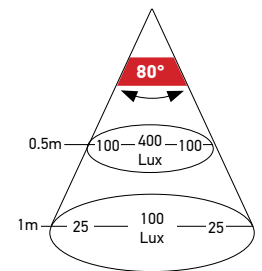
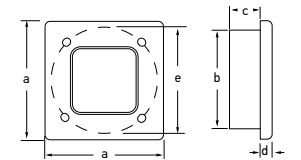


##### Spring Mount



	Round	Square
a	75mm (2.95")	60mm (2.36")
b	50mm (1.96") Screw	
b	54mm (2.12") Spring	
c	16mm (0.63) Screw	
c	21mm (0.82") Spring	
d	7mm (0.29")	
e	57mm (2.24")	64mm (2.51")

#### EuroLED 75 - Square



EuroLED 75

# EuroLED 95 Down Lights

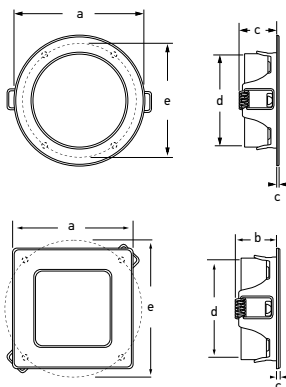
## Spring / Screw Mount



The low-profile stainless-steel trim, available in both square and round, is highly polished to super yacht standards, but without the super yacht price tag. EuroLED 95 down lights are readily dimmable and offer spring and screw mounting options designed for easy installation.

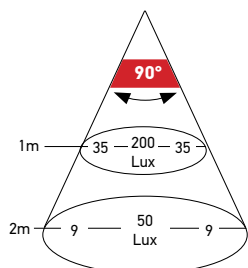
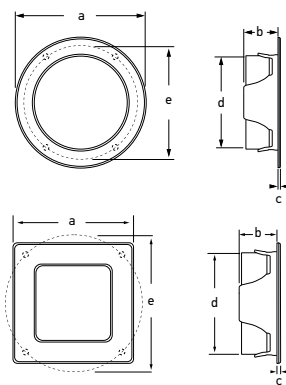
A high color rendering index of 85+ ensures object and surface colors are replicated naturally. The optional dual color lamp enhances the offering. Choose to combine with either Red, which enhances night-time visibility and functionality, or Blue, which creates a feeling of calm and adds 'wow-factor' to white gel coats. Low EMC noise ensures that these lamps won't interfere with radio communications.

Spring Mount, Stainless Trim



	Round	Square
a	95mm (3.74")	80mm (3.14")
b	30mm (1.11") Spring	
c	2mm (0.07") Spring	
d	6mm (0.23") Screw	
e	72mm (2.83")	
	80mm (3.14")	

Screw Mount, White/Stainless Trim



EuroLED 95

### Round Lamps - Spring Mount

Light Color	Mounting	Stainless Steel Trim
White / Red	Spring	958340101
Warm White / Red	Spring	958340121
White / Blue	Spring	958340111
Warm White / Blue	Spring	958340131
White	Spring	958340011
Warm White	Spring	958340021

### Square Lamps - Spring Mount

Light Color	Mounting	Stainless Steel Trim
White / Red	Spring	958340601
Warm White / Red	Spring	958340621
White / Blue	Spring	958340611
Warm White / Blue	Spring	958340631
White	Spring	958340511
Warm White	Spring	958340521

### Round Lamps - Screw Mount

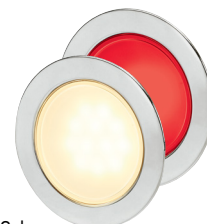
Light Color	Mounting	White Trim	Stainless Steel Trim
White / Red	Screw	958340061	958340161
White / Blue	Screw	958340081	958340181
Warm White / Red	Screw	958340071	958340171
Warm White / Blue	Screw	958340091	958340191

### Square Lamps - Screw Mount

Light Color	Mounting	White Trim	Stainless Steel Trim
White / Red	Screw	958340561	958340661
White / Blue	Screw	958340581	958340681
Warm White / Red	Screw	958340571	958340671
Warm White / Blue	Screw	958340591	958340691

Packaging Retail blister for single pack. PN shown in table above  
Trade Carton Pack 12pc multiple, replace final PN digit '1' with '7'

Trim Material	UV resistant plastic or 316 Polished Stainless Steel
Lumen	420 lumen
Beam Angle	90°
CRI	85
Operating Voltage	Multivolt™ 12 / 24V DC
Power Consumption	<6W (0.5A@12V / 0.25A@24V)
Color Temperature	5000K (White), 2700K (Warm White)
Dimming	Via PWM
Cable	120mm tinned marine cable
Protection	IP67 & IP6K9K (Completely sealed)
Compliance	CE, RCM, EN60945:2002



Dual Color



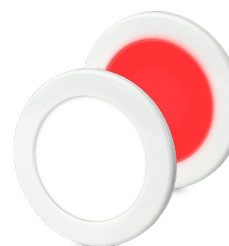
Single Color



Dual Color



Single Color



Dual Color



## EuroLED 130 Lamps

### Dual Color EuroLED 130 Lamps with Touch Switch

Light Color	White shroud	Black Trim
White / Red	959950121	959950111
White / Blue	959951121	959951111

### Single Color EuroLED 130 Lamps with Touch Switch

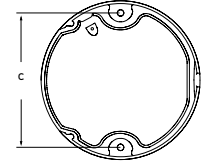
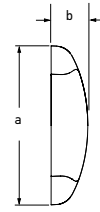
Light Color	White shroud	Black Trim
White	959950521	959950511

### Single Color EuroLED 130 Lamps without Switch

Light Color	White shroud	Black Trim
White	959820521	959820511

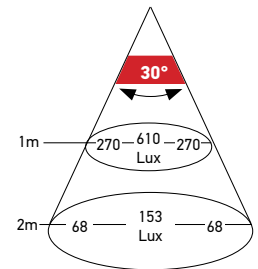
*Packaging Retail blister for single pack. PN shown in table above  
Trade Carton Pack 12pc multiple, replace final PN digit '1' with '7'*

Lens material	UV resistant enhanced impact acrylic
Trim material	Heavy duty nylon
Color Temperature	5000K (White)
Operating Voltage	Multivolt™ 12 / 24V DC
Power Consumption	4.0W ( 0.33A@12V / 0.16A@24V )
Cable	2.5m of tinned marine cable
Protection	IP67 (Completely Sealed)
Compliance	ISO 8846 (Ignition Protection)



#### Dimensions:

a = 129.5mm (5.10")  
b = 29.5mm (1.16")  
c = 110mm (4.33")



EuroLED 130



## EuroLED 150 Lamps

### Dual Color EuroLED 150 Lamps with Touch Switch

Light Color	White Plastic Trim	Stainless Steel Trim
White / Red	980630002	980630012
Warm White / Red	980630102	980630112
White / Blue	980630201	980630211

### Single Color EuroLED 150 Lamps with Touch Switch

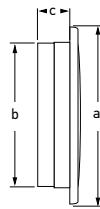
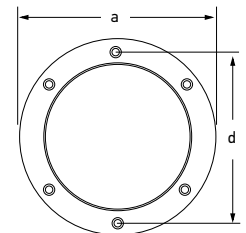
Light Color	White Plastic Trim	Stainless Steel Trim
White	980630501	980630511
Warm White	980630601	980630611

### Single Color EuroLED 150 Lamps without

Light Color	White Plastic Trim	Stainless Steel Trim
White	980631501	980631511
Warm White	980631601	980631611

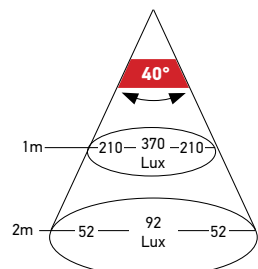
*Packaging Retail blister for single pack. PN shown in table above  
Trade Carton Pack 10pc multiple, replace final PN digit '1' with '7'*

Lens material	UV resistant enhanced impact acrylic
Trim material	UV resistant plastic or 316 Polished Stainless Steel
Color Temperature	5000K (White) 3000K (Warm White)
Operating Voltage	Multivolt™ 12 / 24V DC
Power Consumption	4.0W ( 0.33A@12V / 0.16A@24V )
Cable	500mm of tinned marine cable
Protection	IP67 (Completely Sealed)



#### Dimensions:

a = 150mm (5.90")  
b = 124mm (4.88")  
c = 20mm (0.79")  
d = 135mm (5.31")



EuroLED 150

Note - A white spacer ring is included with each EuroLED 150

## Surface Mount Strip Lamps

Offering exceptional light output, these low-profile lamps are an ideal replacement for bulky fluorescent lighting. Producing 250 lumen (White) and offering a leading CRI rating of 85, these LEDs will enhance the appearance of your vessel and provide bright and accurate illumination. With a choice of light temperatures between 5000K White and 2700K Warm White. Bright white LEDs are best for enhanced brightness in areas like galleys and the helm, while the warm white LEDs create a cozy atmosphere, bringing out the best in wooden furniture. Dual Color options are Red, for enhanced night vision, or Blue for the wow factor.

The sealed switch system prevents moisture and other contaminants from affecting electronics. Fastenings at each end of the lamp body are covered by Snap-On end caps for a clean and modern appearance.



### Surface mount strip lamps (with switch)

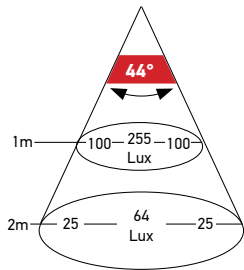
Light Color	12V	24V
White	958123001	958123401
White / Red	958121001	958121401
White / Blue	958121011	958121411
Warm White	958123101	958123501
Warm White / Red	958121101	958121501
Warm White / Blue	958121111	958121511

### Surface mount strip lamps (without switch)

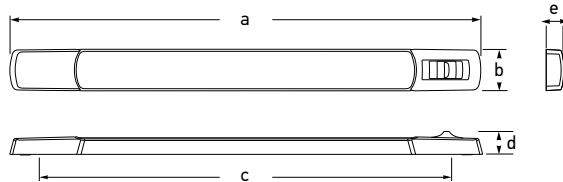
Light Color	12V	24V
White	958124001	958124401
Warm White	958124101	958124501

*Packaging* Retail blister for single pack. PN shown in table above  
Trade Carton Pack 20pc multiple, replace final PN digit '1' with '7'

Lens Material	UV resistant enhanced impact acrylic
Color Temperature	5000K (White), 2700K (Warm White)
CRI	85
Power Consumption	<3.0W (<0.25A @ 12V / <0.16A @ 24V)
Operating Voltage	12V DC or 24V DC
Dimming	Hella marine Dimmer 998572001 (Not recommended for 958121xxx Dual color lamp series)
Cable	500mm of tinned marine cable
Protection	IP67 (Completely Sealed)
Installation	Surface Mount
Compliance	CE



Surface Mount Strip Lamp



**Dimensions:**  
 a = 283mm (11.14")  
 b = 25mm (1.0")  
 c = 265mm (10.43")  
 d = 14mm (0.55") Switch Cap  
 e = 11mm (0.43") Plain Cap



### Strip Lamp Accessories

Accessory	Part Number
45° Mounting Bracket White	958000011
45° Mounting Bracket Charcoal	958000021



45° Mounting Bracket White

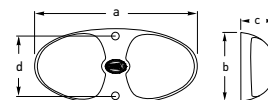


## DuraLED 12

The DuraLED 12 lamps are surface mounted and feature a unique installation system where the fastening load is taken up by a heavy-duty nylon bush to eliminate possible stress on the lamp housing. Purposely designed for engine rooms, storage lockers, lazarettes and applications where reliability must not be compromised.

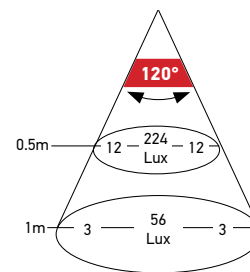
Low EMC noise ensures that these lamps won't interfere with radio communications. Completely sealed to ISO 8846 and have protection against ignition of surrounding flammable gases. This means they can be used in high risk areas, interior and exterior, wet or dry locations. These lamps are impervious to the marine environment and can be fitted throughout the vessel, maintaining a consistent appearance.

Light Color	Switch	Non Switch
White	980704001	959700101
<i>Packaging</i>	<i>Trade Carton for single pack</i>	
<i>Installation</i>	Surface mount with robust bush mount	
<i>Lens material</i>	UV resistant enhanced impact acrylic	
<i>Shroud Material</i>	Heavy duty nylon	
<i>Color Temperature</i>	5000K (White)	
<i>Power Consumption</i>	<2.5W ( <0.20A @ 12V / <0.10A @ 24V )	
<i>Voltage Protection</i>	Spike protected to +500 volts Reverse polarity protected to -700 volts	
<i>Operating Voltage</i>	Multivolt™ 12 / 24V DC	
<i>Cable</i>	500mm of tinned marine cable	
<i>Protection</i>	IP67 (Completely Sealed)	
<i>Compliance</i>	CE, ISO 8846 (Ignition protection)	



### Dimensions

a = 140mm (5.51")  
b = 65mm (2.56")  
c = 32mm (1.26")  
d = 47mm (1.85")



5000 K - 12 LED

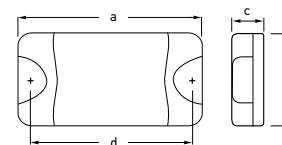


## DuraLED 20 / 36

DuraLED lamps provide powerful white light, a safe, energy efficient and reliable alternative to incandescent and fluorescent lighting.

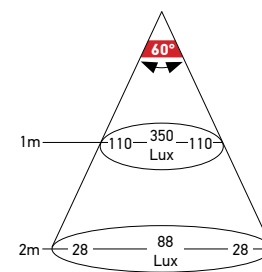
Low EMC noise ensures that these lamps won't interfere with radio communications. Completely sealed to ISO 8846 and have protection against ignition of surrounding flammable gases. This means they can be used in high risk areas, interior and exterior, wet or dry locations. These lamps are impervious to the marine environment and can be fitted throughout the vessel, maintaining a consistent appearance.

Light Color	20 / Spread lens	36 / Spread lens
White	980608001	959037521
<i>Packaging</i>	<i>Trade Carton for single pack</i>	
<i>Installation</i>	Surface mount with robust bush mount	
<i>Lens material</i>	UV resistant enhanced impact acrylic	
<i>Color Temperature</i>	6500K (White) DuraLED 20 5000K (White) DuraLED 36	
<i>Operating Voltage</i>	Multivolt™ 12 / 24V DC	
<i>Voltage Protection</i>	Spike protected to +500 volts Reverse polarity protected to -700 volts	
<i>Power Consumption</i>	20 LED <4W ( <0.33A @ 12V / <0.17A @ 24V ) 36 LED <7W ( <0.51A @ 12V / <0.28A @ 24V )	
<i>Cable</i>	2.5m of tinned marine cable	
<i>Protection</i>	IP67 (Completely Sealed)	
<i>Compliance</i>	CE, ISO 8846 (Ignition protection)	

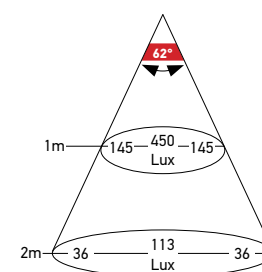


### Dimensions

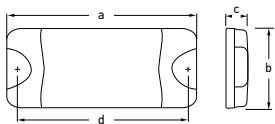
a = 177mm (6.97")  
b = 100mm (3.94")  
c = 30mm (1.18")  
d = 148mm (5.83")



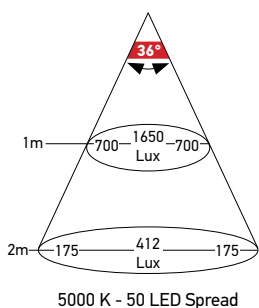
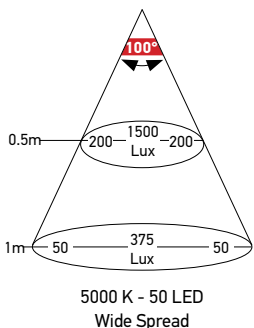
5000 K - 20 LED



5000 K - 36 LED



**Dimensions:**  
a = 222mm (8.74")  
b = 96mm (3.78")  
c = 25mm (0.98")  
d = 193mm (7.60")



## DuraLED 50 Low Profile

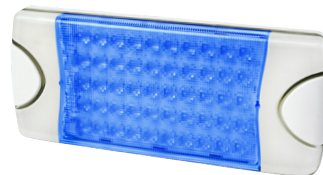
Purposely designed for engine rooms, storage lockers, lazarettes and heavy-duty applications where reliability must not be compromised. Advanced lens and optic engineering ensures an extremely wide spread of light without glare or harsh point sources.

Product reliability is second to none, proven worldwide in thousands of highly demanding applications. Each lamp is completely sealed, impact resistant and shock resistant, ensuring an ultra long service life. Low EMC noise ensures that these lamps won't interfere with radio communications.

The DuraLED 50 lamps are completely sealed to ISO 8846 and have protection against ignition of surrounding flammable gases. This means they can be used in high-risk areas, interior and exterior, wet or dry locations.

Light Color	Spread lens	Wide Spread lens
White	980629001	980629501
Blue	980629111	
<i>Packaging</i>		<i>Trade Carton for single pack</i>

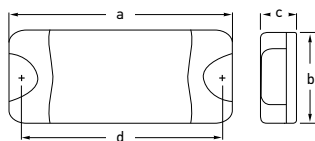
Installation	Surface mount with robust bush mount
Lens material	UV resistant enhanced impact acrylic
Color Temperature	5000K (White)
Operating Voltage	Multivolt™ 12 / 24 DC
Voltage Protection	Spike protected to +500 volts Reverse polarity protected to -700 volts
Power Consumption	<12W (<1.0A @ 12V / <0.5A @ 24V)
Cable	2.5m of tinned marine cable
Protection	IP67 (Completely Sealed)
Compliance	CE, ISO 8846 (Ignition protection)



## DuraLED 50 Red / White

DuraLED lamps provide powerful White or Red light, a safe, energy efficient and reliable alternative to incandescent and fluorescent lighting. The secondary red LED color also adds increased functionality by enhancing night time visibility.

Each lamp is completely sealed, impact resistant and shock resistant, ensuring an ultra long service life.



**Dimensions:**  
a = 222mm (8.66")  
b = 96mm (3.78")  
c = 31mm (1.22")  
d = 193mm (7.60")

Light Color	Spread lens
White / Red	980604061
<i>Packaging</i>	

Installation	Surface mount with robust bush mount
Lens material	UV resistant enhanced impact acrylic
Color Temperature	5000K (White) and Red
Operating Voltage	Multivolt™ 12 / 24 DC
Voltage Protection	Spike protected to +500 volts, Reverse polarity protected to -700 volts
Power Consumption	<10W (<0.80A @ 12V / <0.39A @ 24V)
Cable	0.5m of tinned marine cable
Protection	IP67 (Completely Sealed)
Compliance	CE, ISO 8846 (Ignition protection)





## LED Flexi Chart / Reading Lamps

LED Chart/Reading lamps offer energy efficient lighting for a variety of interior applications, including chart table and navigation area lighting, berth lighting and adjustable reading lights.

A UV and Impact resistant plastic housing, and a 316SS arm makes these lamps extraordinarily robust. Low EMC noise ensures that these lamps won't interfere with radio communications.

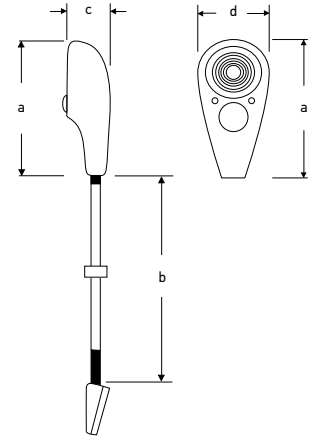
The chart lamps are rated IP53 and are suitable for areas that may be exposed to rain or similar wet environments.



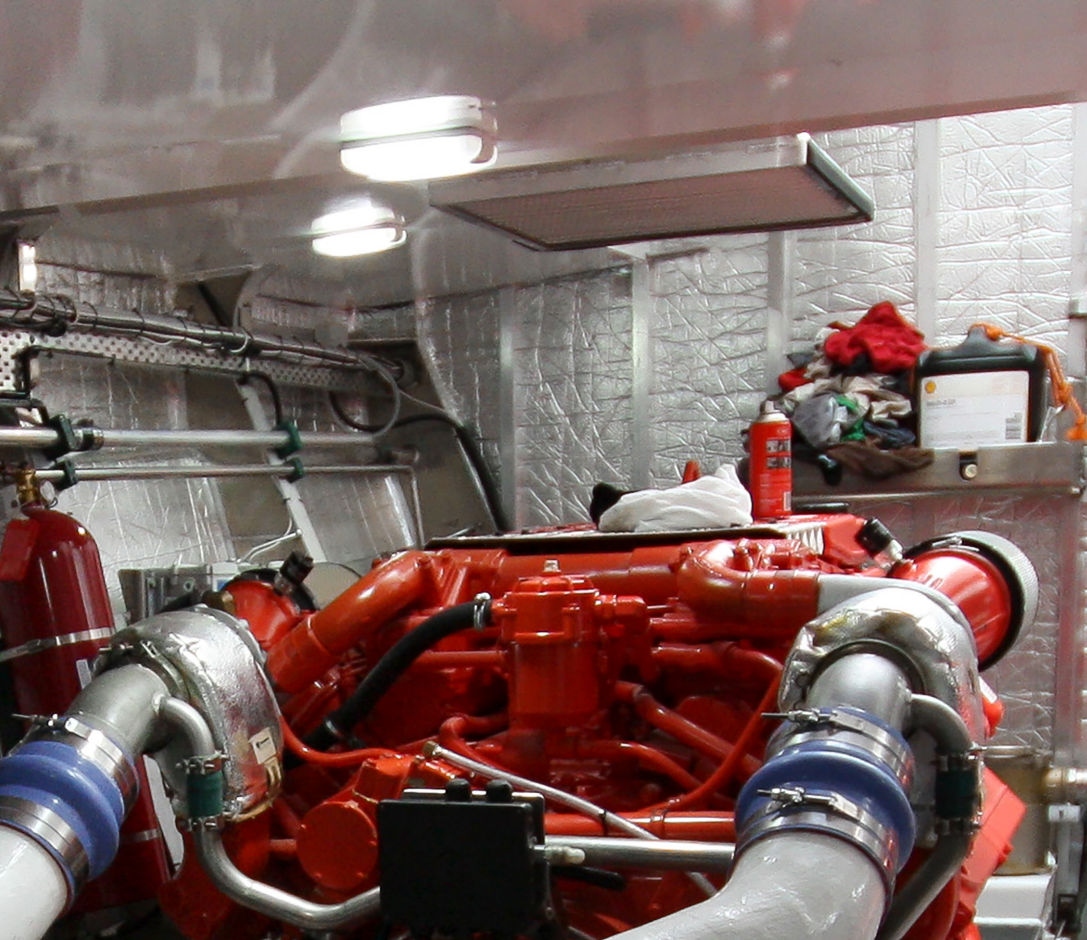
Dual color LED chart table lamps feature a rotary dial for on / off and red / white light control and dimming.

Light Color	150mm Shaft	400mm Shaft
White / Red	343720522	343720622
<i>Packaging Retail blister for single pack. PN shown in table above</i>		
<i>Trade Carton Pack 12pc multiple, replace final PN digit '1' with '7'</i>		

Housing Description	UV and impact resistant plastic
Arm material	Dual color red / white - 316 stainless arm
Operating Voltage	Multivolt™ 12 / 24V DC
Power Consumption	<2W ( <0.16A@12V / <0.08A@24V )
Cable	120mm of cable
Protection	IP53
Compliance	CE



**Dimensions:**  
a = 104mm (4.09")  
b = 150mm (5.91")  
400mm (15.75")  
c = 36mm (1.42")  
d = 46mm (1.81")



# DuraLED

## for Maximum Reliability

Purpose designed for engine rooms and heavy duty applications.  
Wide, even, glare-free illumination below decks and low vertical spaces.

Safety assured, even under severe voltage fluctuations, and ISO Ignition  
Protected for certified installation near flammable gas sources.

**For uncompromising reliability and safety,  
choose DuraLED.**



**COMPACT, ENERGY EFFICIENT, RELIABLE & ULTRA DURABLE**



# Courtesy Lighting

## CREATE YOUR STYLE

**Hella marine courtesy lamp series offer subtle ambient lighting to highlight specific areas in your vessel. Available in a range of attractive colorways, or with a highly polished stainless steel clip on cover.**

These lights are great to use during both day and night and are often installed in transom walkthroughs, gangways, inside smaller lockers, under gunnels or around the perimeter of the walk around. Other applications may include stairs, toe kicks, and storage areas.

Color options are available to match interior lighting color temperatures of either cool or warm white, or alternatively a red or blue option are available for utility or to create more interesting looks.

Each lamp is completely sealed, highly shock, impact and vibration resistant making them suitable for the demanding marine environment. Lamps can be installed on a vessel's interior or exterior, and operate in wet or dry conditions.

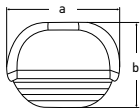
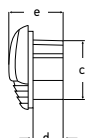
Hella marine courtesy lamps are reverse polarity protected, and Multivolt™ electronics ensure constant light output across a wide variety of voltage inputs from 9-32V DC, for nominal 12V or 24V DC systems.

The Hella marine courtesy lamp range is made in New Zealand and supported by a 5 year warranty for complete peace of mind.



Surface and flush mount models for unobtrusive safety lighting

## Easy Fit Step Lamps



### Dimensions:

a = 45mm (1.77")  
 b = 31.5mm (1.24")  
 c = 25.4mm (1.00")  
 d = 14mm (0.55")  
 e = 22.7mm (0.89")

Light Color	Chrome Plated Trim	White Plastic Trim	Stainless Steel Trim
White	958126001	958126011	958126031
Warm White	958126401	958126411	958126431
Blue	958126101	958126111	958126131
Red	958126201	958126211	958126231

*Packaging* Retail blister for single pack. PN shown in table above  
 Trade Carton Pack 20pc multiple, replace final PN digit '1' with '7'

Lens Material	UV resistant enhanced impact acrylic
Cap Material	White plastic, chrome plated plastic, polished 316 stainless steel
Operating Voltage	Multivolt™ 12 / 24V DC
Power Consumption	0.5W ( <0.04A@12V / <0.02A@24V )
Cable	100mm of tinned marine cable
Protection	IP67 (Completely Sealed)
Compliance	CE, RCM

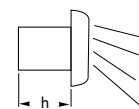
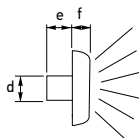
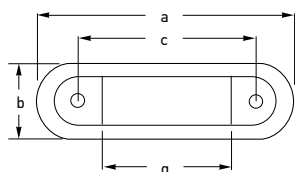


## Surface Mount Oblong Courtesy Lamps

Light Color	Stainless Steel Trim	White Body (Single)	White Body (Bulk)
White	980869301		980869317
Warm White	980869401		980869417
Blue	980869601	980855401	980869617
Red	980869501		980869517
Amber			980869717

*Packaging* Retail blister for single pack, Trade Carton Pack 24pc multiple, replace final PN digit '1' with '7' (Stainless Only).  
 White available as Bulk Pack Only, as shown

Lens Material	Impact resistant acrylic
Cap Material	316 stainless steel
Operating Voltage	Multivolt™ 12 / 24V DC
Power Consumption	0.5W ( <0.04A@12V / <0.02A@24V )
Cable	0.5m cable
Protection	IP67 (Completely Sealed)
Compliance	CE, RCM, UKCA



### Dimensions:

a = 84 mm / 3.31"  
 b = 29 mm / 1.14"  
 c = 58 mm / 2.28"  
 d = ø10 mm / 0.39"  
 e = 10 mm / 0.39"  
 f = 9 mm / 0.35"  
 g = 44 mm / 1.74"

## Flush Mount Oblong Step Lamps

Light Color	Stainless Trim
White	959680811
Warm White	959680411
Blue	959680611
Red	959680711
Accessory	Part Number
Polished 316 Stainless Steel Trim	998019001
Black Plastic Trim	959686002

*Packaging* Retail blister for single pack. PN shown in table above  
 Trade Carton Pack 24pc multiple, replace final PN digit '1' with '7'

Lens Material	Impact resistant acrylic
Cap Material	316 Stainless Steel
Operating Voltage	Multivolt™ 12 / 24V DC
Power Consumption	0.5W ( <0.04A@12V / <0.02A@24V )
Cable	120mm of tinned marine cable
Protection	IP67 (Completely Sealed)
Compliance	CE, RCM, UKCA





## Round Lamps

### White Light Round Lamps\*



Trim Finish	12V	24V
Stainless steel trim	980500521	980501521
White plastic trim	980500541	980501541

\*Includes a surface mounting spacer ring and stainless steel screws.

### Blue Light Round Lamps



Trim Finish	12V	24V
Stainless steel trim	980502221	980503221
White plastic trim	980502241	980503241

Lens Material	UV resistant enhanced impact acrylic
Trim Material	UV resistant plastic. 316 stainless steel
Dimming	Hella marine Dimmer 5XA 998 572-001
Operating Voltage	12V DC or 24V DC
Power Consumption	<0.5W ( <0.04A@12V / <0.02A@24V )
Cable	120mm of tinned marine cable
Protection	IP67 (Completely Sealed)
Mounting	Stainless steel screws included

### Warm White Round Lamps\*



Trim Finish	12V	24V
Stainless steel trim	980500721	980501721
White plastic trim	980500741	980501741

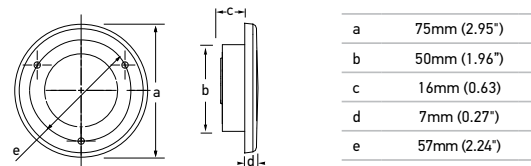
\*Includes a surface mounting spacer ring and stainless steel screws.

### Red Light Round Lamps



Trim Finish	12V	24V
Stainless steel trim	980507221	980508221
White plastic trim	980507241	980508241

*Packaging* Retail blister for single pack. PN shown in table above  
Trade Carton Pack 24pc multiple, replace final PN digit '1' with '7'



## Courtesy Strip Lamps

A shallow 10mm profile, completely sealed housings and class leading efficiency for illumination duties from interior downlighting to cockpit enhancing courtesy lighting.

These strip lamps provide a soft and uniform courtesy light pattern in white, warm white, blue or red. The range is ideal for interior or exterior applications including storage lockers, under cabinetry, under gunnels and more. Surface mount installation with fastenings in each end of the lamp body are covered by snap-on end caps for a clean and modern appearance.

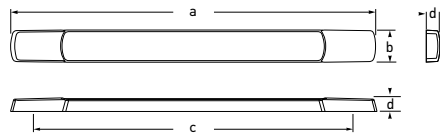
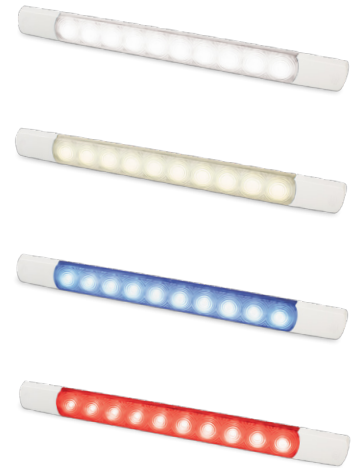


### Surface Mount Courtesy

Light Color	12V	24V
White	980881012	980881112
Warm White	980881212	980881312
Blue	980881402	980881502
Red	980881602	980881702

*Packaging* Retail blister for single pack. PN shown in table above  
Trade Carton Pack 20pc multiple, replace final PN digit '2' with '7'

Lens Material	UV resistant enhanced impact acrylic
Color Temperature	5000K (White), 2700K (Warm White)
Operating Voltage	12V DC or 24V DC
Power Consumption	White 1.5W (0.15A@12V / 0.06A@24V)
Cable	500mm of tinned marine cable
Protection	IP67 (Completely Sealed)



#### Dimensions:

a = 283mm (11.14")  
b = 25mm (1.0")  
c = 265mm (10.43")  
d = 11mm (0.43")

### Strip Lamp Accessories

Accessory	Part Number
45° Mounting Bracket White	958000011
45° Mounting Bracket Charcoal	958000021



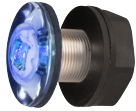
45° Mounting Bracket White



## LED Livewell / Courtesy Lamps

Livewell lamps are designed for installation into live bait tanks with a wall thickness up to 26mm. Supplied with a plastic nut and rubber gaskets for a watertight seal, installation is swift and secure into often inaccessible locations.

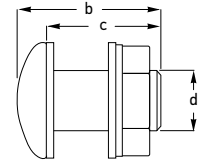
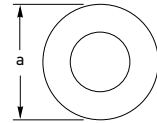
Often used as courtesy lamps due to their low power consumption and rugged construction. Fit these at ground level for a unique look in your vessel.



Lamp Color	Part Number
White	998543051
Blue	998543031
Amber	998543001
Red	998543021

*Packaging Retail blister for single pack. PN shown in table above  
Trade Carton Pack 50pc multiple, replace final PN digit '1' with '7'*

Housing Description	Heavy duty polycarbonate
Operating Voltage	12V DC
Power Consumption	0.5W ( <0.04A@12V )
Cable	120mm of cable
Protection	IP67 - Completely sealed
Mounting	Single hole. Rubber gaskets included



### Dimensions

a = 50mm / 1.97"

b = 49mm / 1.93"

c = 40mm / 1.57"

d = 26mm / 1.02"



# WORLD LEADING MARINE LIGHTING

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ENERGY EFFICIENT, RELIABLE & ULTRA DURABLE



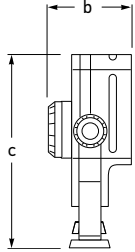
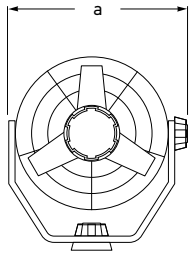
# ACCESSORIES



## Two Speed Hella marine Turbo Fans

Hella Turbo Fans offer ventilation into areas that may not have suitable airflow.

- Quiet operation
- 150mm diameter fan blade with guard
- High air moving capacity with low power consumption
- Two speed switch in front of the blade guard



### Dimensions

a = 188mm / 7.41"  
b = 95mm / 3.75"  
c = 195mm / 7.67"

Voltage	Housing Color	Part Number
12V	Black Housing	003361002
12V	White Housing	003361022
24V	Black Housing	003361012

Packaging Retail Carton for single pack

Material Description	Impact resistant plastic
Switch	Integrated 2 stage rotary
Output	Speed 1: 70 liter / sec. Speed 2: 95 liter / sec.
Power Consumption	6.5W



## Water Resistant Plugs and Sockets

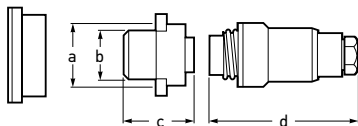
Add power to where you need it in exposed places of the vessel.  
Perfect for plugging in fishing reels. Cap supplied to cover when not in use.

Description	Pin	Material	Part Number
Plug & Socket	4 Pin	Metal	002957801
Plug & Socket	7 Pin	Plastic	006807801
Deck Glands		Chrome Plated Brass	004208001

Plug Socket Type	Chrome Brass	Plastic
Material Description	Chrome brass housings Brass contacts	Impact resistant plastic housing. Silver contacts.
Maximum Load	10A at 12V	16A at 12V
Installation	Screw terminals	



006807801  
Plastic Plug for cable up to 8.0mm diameter.



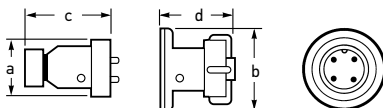
006807801  
Plastic Plug & Socket

### Dimensions

a = 31mm / 1.23"  
b = 22mm / 0.87"  
c = 33mm / 1.30"  
d = 68mm / 2.68"



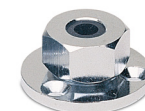
002957801  
Metal Plug & Socket suitable for cable up to 6.5mm diameter.



002957801  
Metal Plug & Socket

### Dimensions

a = 25mm / 0.99"  
b = 38mm / 1.50"  
c = 37mm / 1.46"  
d = 31mm / 1.23"

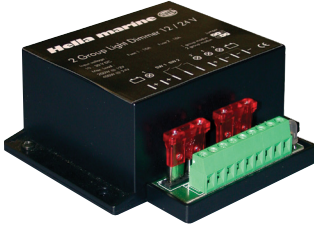


004208001  
Chrome Plated Brass Deck Gland suitable for cable up to 8mm diameter.

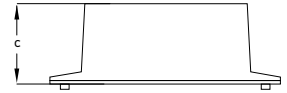
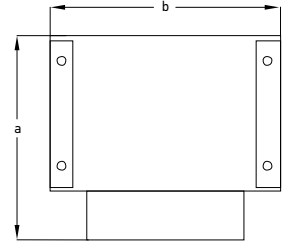
## 2 Group Light Dimmer

The 2 Group LED Dimmer provides precise dimming control for one or two separate light groups, via PWM technology. Please check the specific lamp suitability to this type of dimming.

The dimmers low voltage protection also protects against deep battery discharge. Lights will turn off automatically when battery voltage is lower than 9V on a 12V system or lower than 18V on a 24V system.



Part Number	
998572001	
Max. Load	200W at 12V and 400W at 24V
Max. Load Per Group	100W at 12V and 200W at 24V
Input Voltage Range	8 – 30V DC
System Voltage	12V or 24V DC
Switches Per Group	Unlimited
Switch Type	Momentary normally open
Protection	Overload, Temperature, Low voltage
Fuse	2 x 10A
PWM Frequency	400Hz



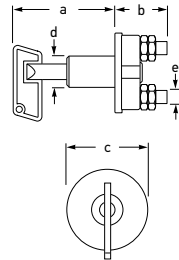
**Dimensions**  
a = 89mm / 3.51"  
b = 99mm / 3.90"  
c = 41mm / 1.62"

## Battery Master Switches

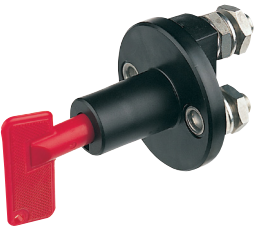
These heavy duty battery switches are perfect for switch 100/150A depending on the model. They offer a removable key, which can be removed in the OFF position, when the current is interrupted. This ensures that loads cannot be applied accidentally. Positive or negative cable can be switched as required.

### 150 Amp Battery Master Switch

Part Number	Spare Key Number
002843051	706729011
Housing Material	Impact resistant plastic
Cable Connection	2 screw terminals, M10
Protection	IPX4
Max load - Continuous	150A
Max load - 10s	500A (Compliant with VDA 72750)

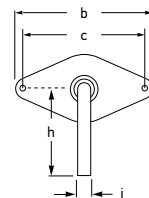
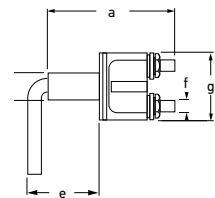


**Dimensions**  
a = 66mm / 2.60"  
b = 40mm / 2.58"  
c = 57mm / 2.25"  
d = 22mm / 0.87"  
e = 10mm / 0.40"

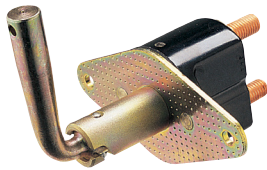


### 100 Amp Battery Master Switch

Part Number	Spare Key Number
001559001	042991001
Housing Material	Steel key and mounting plate
Cable Connection	2 screw terminals, M10
Protection	IPX4
Max load - Continuous	100A
Max load - 10s	2500A (Compliant with VDA 72750)



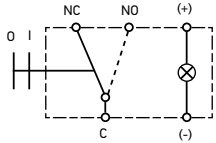
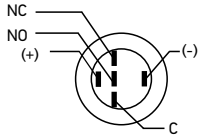
**Dimensions**  
a = 109mm / 4.30"  
b = 120mm / 4.73"  
c = 100mm / 4.94"  
d = 22mm / 0.87"  
e = 62mm / 2.45"  
f = 10mm / 0.40"  
g = 58mm / 2.29"  
h = 75mm / 2.96"  
i = 10mm / 0.40"



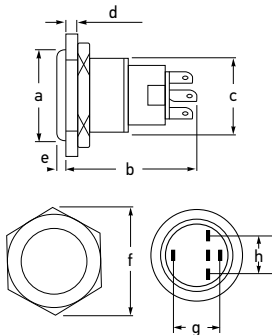
## Stainless Steel LED Switches

Attractive stainless steel switches featuring an appealing ring of LED light. Manufactured from 304 stainless steel, these through panel mount switches are IP67 rated when installed and ideal for switching lighting or installing into custom switch panels.

The light rings may be wired to show power to a system or signal circuit activation. The range also includes matching stainless steel warning buzzers with LED light rings.

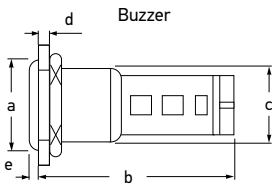


Switch

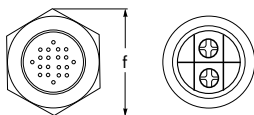


### Dimensions

- a = 22mm / 0.87"
- b = 37mm / 1.46"
- c = M19x1 / 0.75"
- d = 10mm / 0.40" Max
- e = 2mm / 0.08"
- f = 25mm / 0.99"
- g = 12mm / 0.48"
- h = 10mm / 0.40"



Buzzer



### Dimensions

- a = 22mm / 0.87"
- b = 53.6mm / 2.12"
- c = M19x1 / 0.75"
- d = 10mm / 0.40" Max
- e = 2mm / 0.08"
- f = 25mm / 0.99"

### Latching Switches with LED Ring

Light Color	Voltage	Operation	Part Number
Red	12V DC	On / Off	958455001
Blue	12V DC	On / Off	958455011
Red	24V DC	On / Off	958455101
Blue	24V DC	On / Off	958455111



### Momentary Switches with LED Ring

Light Color	Voltage	Operation	Part Number
Red	12V DC	Momentary	958455201
Blue	12V DC	Momentary	958455211
Red	24V DC	Momentary	958455301
Blue	24V DC	Momentary	958455311



### Buzzers with LED Ring

Light Color	Voltage	Operation	Part Number
Red	12V DC	Buzzer	958456001
Red	24V DC	Buzzer	958456101



Body Material	304 Stainless Steel
Contact Material	Silver Alloy
Terminal Type	5 Pin (2.8 x 0.5mm) switches 2 screws for buzzer
Panel Thickness	1 - 10mm
Operating Temp	-20°C - +55°C
Insulation Resistance	≥1000mΩ
Contact Resistance	≤50mΩ
Max. Switch Rating	5A
Protection	IP65 for switches (Front only) IP50 for buzzer (Front only)
Buzzer sound intensity	>80dB (1m)

Accessory	Part Number
Marine Switch Pigtail Loom	990258021



# Hella marine Warranty

## Standing behind our product

All LED based lighting products supplied by Hella marine carry a Five-Year Warranty from end user purchase covering faults in materials, components or workmanship, with the exceptions as stated below:

- Hella marine NaviLED TRIO Tri Color LED navigation lamps carry a Seven-Year Warranty

In the unlikely event that you should experience a confirmed warranty related problem with your purchase, Hella marine will, at its discretion, either repair, replace or refund the purchase price of the product.


Warranty services may be obtained by returning the product within the warranty period to the Hella dealer where the product was originally purchased.

This warranty is in addition to and does not preclude any other rights or remedies available to the consumer under any local legislation related to the provision of goods or services.

### This warranty does not cover:

1. Claim(s) as a result of normal wear and tear or of any modifications and/or alterations to the product in any shape or form.
2. Claim/s as a result of non-compliance of the assembly, service and operating instructions and/or any unfit or improper use.
3. Any expenses incurred in the process of making the claim.





# Quick Reference Technical Advantages



## Multivolt™

Can be connected to either 12 or 24 volt DC electrical systems.



## Heavy Duty Grilamid® Lens

A revolutionary transparent plastic with exceptionally high impact strength and resistance to UV and chemical damage.



## IP67 - Completely Sealed

Preventing moisture from corroding electronics is vital for long term durability. Hella marine products are completely sealed for interior or exterior use, wet or dry.



## Corrosion Resistant

For the ultimate in longevity under salt water conditions.



## IP6K9K - Completely Sealed

Protection from dust and high-pressure/steam jet cleaning.



## Dual Color

Dual color lamps offering a selection of White light, paired with either night vision preserving red light, or a cool blue aesthetic.



## Outstanding UV Resistance

Advanced UV resistant polymers that will not yellow or deteriorate in the harshest marine conditions.



## Heavy Duty Mount

Designed for heavy duty mounting.



## CE

The Conformité Européene (CE) Mark is defined as the European Union's (EU) mandatory conformity marking for regulating the goods sold within the European Economic Area (EEA) since 1985.



## Edge Light

Use your lights more. Edge light enhances utility by having a low power operating mode for ambient lighting requirements. This lighting won't affect batteries but creates a visual difference when anchored or cruising.



Experience Endless  
**Adventures**  
with Safety and Style

**Hella marine USA**

201 Kelly Drive, Peachtree City, GA 30269, USA

For Distributors in other regions, please contact [info@hellamarine.com](mailto:info@hellamarine.com)

Phone (770) 631-7500  
Email [soe.sales@hella.com](mailto:soe.sales@hella.com)



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