

- → NEW PRODUCTS
- → NAVIGATION LAMPS
- → DECK FLOODLIGHTS
- → INTERIOR LIGHTING
- → COURTESY LIGHTING
- → UTILITY LIGHTING



























At sea, power is often a scarce resource. Highly efficient and durable LED lighting has a substantial role to play in conserving energy and enhancing a vessel without sacrificing functionality or compromising safety.

Our vision is to provide world leading products that set benchmarks for quality, reliability, safety and energy efficiency while satisfying customer expectations for outstanding service and support. Hella marine 'Fit and Forget' LED lighting is firmly established as the solution of choice that meets long term reliability and economic considerations for astute owners and operators.

#### Hella marine benefits



#### 5 Year Warranty

All Hella marine LED based lighting products carry a 5 Year Warranty providing peace of mind that the product will stand the test of time. For more information visit: hellamarine.com/en/about/warranty







#### IP67 - Completely Sealed

Preventing moisture from corroding internal LED electronics is vital for long term durability in the harsh marine environment.

Hella marine products are completely sealed and purpose designed for interior or exterior use, wet or dry.





#### Electromagnetic Compatibility (EMC)

All Hella marine LED 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.





#### Class Leading Efficiency

Combining efficient LED sources with advanced optic technology, Hella marine LED products deliver more light output per watt than incandescent based lamps with significant energy savings.

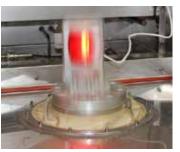
Ultra low heat signatures reduce heat on board and prevent damage to surrounding materials.





#### Outstanding UV and Impact Resistance

Hella marine lamps utilise advanced impact resistant polymers that will not yellow or deteriorate in the harsh marine environment.



## Not all LED lights are created equal



It is common knowledge that LEDs offer many advantages over traditional incandescent bulbs including significantly reduced power consumption, increased reliability, a reduction in radiated heat and attractive ambient effects. But it's important to know not all LEDs are created equal.

When comparing one LED product to another it is important to not just look at the initial purchase cost but consider the full life expectancy and what attributes combine to make a quality LED product.

There are a number of key points to consider when selecting LED lighting for marine interior and exterior applications.

Some specific points to consider when comparing products are:

- · What is the application
- · Where are they being used
- · What sort of light do you desire

Low cost LED products are generally cheap because they have used low quality materials and components. Even though by nature LEDs are solid state devices and are sold on the promise of longer life, the reality is they are usually only as good as the weakest component in the device.

Corrosion, moisture, heat, vibration and voltage fluctuations can all affect the life and performance of a LED device so it is important that all these factors are managed in order to provide continuous long life.

The following attributes should be considered to ensure the product fits the desired brief.

#### Light Output, Beam Angle, Power Consumption

If possible try and compare the lumens per watt to get an accurate measurement of what percentage of power is being used to effectively generate light. Also select a light with a lens and optic design that reduces eye strain and a light pattern to suit your application.





#### Sealing (IP Rating)

As LEDs are electronic devices it is important to protect them from moisture and other contaminants that will degrade or harm the lamp. In a marine environment this is even more important as the chance of getting water, condensation or salt spray around the lamp is highly likely even in interior applications. Look for lamps with an IP67 rating.







IP30 (Open)

IP54 (Partially Sealed)

IP67 (Completely Sealed)

#### **Materials**

Durable housings are needed to protect internal components and electronics. Look for lamps that are made of materials that are corrosion resistant e.g. salt, UV and chemical. These can affect the appearance of the lamp with unsightly blemishes or corrosion but also compromise the housing and allow water or other contaminants to ingress and effectively cause the lamp to fail.



If not designed specifically for the marine environment metal based lamps can quickly corrode and fail.



#### **Electro Magnetic Interference (EMI)**

Lamps poorly designed and not meeting international standards can cause EMI which will affect your VHF and other electronics which can be hazardous in remote locations. Check that the lamp has been tested and certified to the International standard CE.



Low quality LEDs can interfere with communications

#### Warranty

Depending on the brand of LED lamp purchased you can expect between a 12 month and 5 year warranty and this commitment of the manufacturer will be an indication of the confidence level a manufacturer places in the long-term durability of the product. Buy from a trusted brand which has a reputation to stand behind their products.

#### Cost

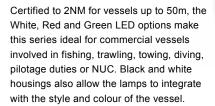
All these considerations add to the overall cost and value of a product and if a lamp fails and you need to purchase another lamp and install it any potential savings are lost. It is important to not only consider the initial expense but the life time cost of the lamp or your vessel.

## LED Navigation Lamps

## **Latest Additions**To the NaviLED Range

- Modern lower profile design
- · Wheelmark approval across the range
- Same mounting footprint

The ultra-reliable and efficient NaviLED 360 series has been updated with a new lower profile design. Maintaining the same mounting footprint and unmatched reliability of the original design, the new version incorporates the Grilamid® lens technology for increased durability and Wheelmark certification across the complete range.



Featuring a completely sealed design, UV and impact resistant materials and prewired installation the NaviLED 360 PRO range is supported with a 5 year warranty for complete peace of mind.





















## 2 Nautical Mile All Round Lamps with surface mount base



Light Colour	Visibility	Black Base	White Base
White	2 NM	2LT 980 910-121	2LT 980 910-131
Red	2 NM	2LT 980 910-521	2LT 980 910-531
Green	2 NM	2LT 980 910-321	2LT 980 910-331

Power Consumption	<1.5W
Operating Voltage	Multivolt 12/24V DC
Dimensions (W,H)	90 x 83 mm (3.54" x 3.27")









The new Horizontal Deck Mount Adaptor accessory enables the NaviLED PRO Series lamps to be mounted on horizontal surfaces, expanding the mounting options and catering to customers with larger vessels.

In addition to the increased mounting configurations, large vessels often prefer a larger fitting to match proportionately with the size of the boat. This new adaptor increases the physical appearance of the lamp by 50%.





#### NaviLED PRO Deck Mount Adaptor



Housing	Part Number
Black	8HG 241 287-802
White	8HG 241 287-812



- Mount NaviLED PRO lamps on horizontal surfaces
- · Fits Port, Starboard, Stern, Masthead, Bi-colour
- Increases physical dimensions for larger vessels
- · Innovative design hides fastenings
- · Space for cable gland beneath adaptor



## EuroLED 95 LED Down Lights

### STYLE, FUNCTIONALITY AND PERFORMANCE

New EuroLED 95 down lights combine the latest in style, functionality and performance. Available in square or round and a range of light LED colours to enhance the interior & exterior of any vessel.

The smooth diffused lens creates a comfortable and uniform appearance, while high output LEDs produce over 420 lumens of broad and even illumination.

The ultimate in versatility, with a choice of light temperature between 5000K white - best for enhanced brightness in working conditions to 2700K warm white - creating a cosy atmosphere and bringing out the best in wooden furniture. A high colour rendering index of 80+ also ensures object and surface colours are replicated naturally. Optional Red and Blue secondary LED colours also add increased functionality.

Hella marine lamps are completely sealed so they can be used for interior and exterior/wet or dry locations.















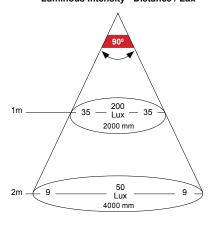


- · 420 lumens of bright light for only 6W power
- High colour rendering for natural appearance
- · Smooth diffused lens and broad illumination
- · Highly polished 316 stainless steel trims in square or round
- · Completely sealed housing (IP6K9K) & corrosion resistant material selection for use in salt water applications
- · Multivolt electronics for use on 12V and 24V vessels
- · Spring clip mounting for super fast install
- · Supported with industry leading 5 year warranty

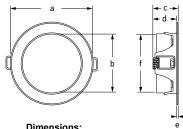
Power Consumption	6W
Lumens	420
Beam Angle	90°
CRI	80+
Voltage	Multivolt 12/24V DC
Protection	IP6K9K Completely Sealed
Trim Material	Highly Polished 316 Stainless Steel



#### Luminous Intensity - Distance / Lux



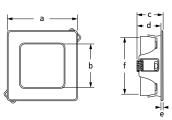
#### **Round Spring Clip**



#### Dimensions:

- a = 95.0mm (3.7")
- b = 68.0 mm (2.7")
- c = 30.0 mm (1.2")
- d = 27.3 mm (1.07")
- e = 2.0mm (0.08")
- f = 72.0mm (2.83") (Mounting Hole)

#### **Square Spring Clip**



#### Dimensions:

- a = 78.0mm (3.1")
- b = 48.0 mm (1.9")
- c = 29.0mm (1.14")
- d = 26.4 mm (1.04'')
- e = 2.5mm (0.1")
- f = 72.0mm (2.83") (Mounting Hole)

EuroLED 95	Square	Round
Light Colour	Polished stainless steel rim	Polished stainless steel rim
White (Spring Clip)	2JA 958 340-511	2JA 958 340-011
White/Red (Spring Clip)	2JA 958 340-601	2JA 958 340-101
White/Blue (Spring Clip)	2JA 958 340-611	2JA 958 340-111
Warm White (Spring Clip)	2JA 958 340-521	2JA 958 340-021
Warm White/Red (Spring Clip)	2JA 958 340-621	2JA 958 340-121
Warm White/Blue (Spring Clip)	2JA 958 340-631	2JA 958 340-131



## HypaLUME 24/48V DC LED Flood Lights - Heavy Duty

A quantum technology leap for lighting commercial vessels.







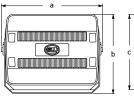








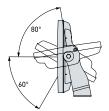
- DC power input
- 3 different lens options (Close Range, Long Range and Extra Wide)
- The premium aluminium housing is corrosion resistant with a nonstick and easy to clean surface coating
- Made in New Zealand
- 5 Year warranty





#### DC DIMENSIONS

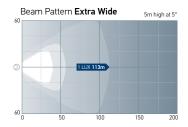
- a = 520mm (20.47") b = 380mm (15.9")
- c = 359mm (14.13")
- d = 166mm (6.54")



Lamp can be rotated 140°

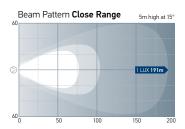


LED HypaLUME provides significant deck illumination on this work boat.





1.8m easy plug-in cable supplied







DC Side View

Easily adjusted & secure locking mechanism

Beam Pattern Long Range 5m high at 5°

The 24/28V DC HypaLUME, is designed for applications in extreme environments where high output lighting is required and produces a net output of 25,000 lumens, whilst consuming less than 260W. Comprehensive sealing and anti-corrosion measures ensure the lamp withstands the toughest conditions. The heavy duty Grilamid lens offers toughness against impact, vibration, UV exposure and commonly used chemicals.

HypaLUME 24/48V DC Heavy Duty LED Floodlight		
Close Range	1GJ 011 872-501	
Long Range	1GJ 011 872-511	
Extra Wide	1GJ 011 872-521	

SPECIFICATIONS			
Operating Voltage	22 to 52V DC		
Power Consumption	260W max (10A @ 24V DC)		
Actual Light Output	25,000 lumens		
LED Colour Temperature	5700 K. Optimal for fatigue avoidance and high alertness		
Cable Length	Supplied with 1.8m of easy plug-in sheathed cable		
Connection	4 Pin Deutsch plug		
Lens Material	High impact and chemical resistant Grilamid lens		
Compliance	( € F© ISO 13766 CISPR25 Class 2 ECE R10 <b>△</b>		

## HypaLUME 110/230V AC LED Flood Lights - Heavy Duty

HypaLUME is Hella marine's most powerful LED floodlight.





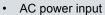




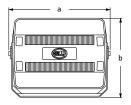








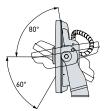
- 3 different lens options (Close Range, Long Range and Extra Wide)
- The premium aluminium housing is corrosion resistant with a nonstick and easy to clean surface coating
- Made in New Zealand
- 5 Year warranty





#### AC DIMENSIONS

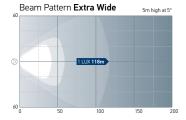
- a = 520mm (20.47") b = 380mm (15.9")
- c = 359mm (14.13")
- e= 180mm (7.08")



Lamp can be rotated 140°

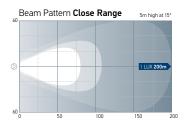


LED HypaLUME provides significant deck illumination on this work boat.





2.0m easy plug-in cable supplied







mechanism

AC Side View Easily adjusted & secure locking

Beam Pattern Long Range

Sm high at 5\*

The 110/230V AC HypaLUME is designed for applications in extreme environments where high output lighting is required and produces a net output of 28,000 lumens, whilst consuming less than 300W. Comprehensive sealing and anti-corrosion measures ensure the lamp withstands the toughest conditions. The heavy duty Grilamid lens offers toughness against impact, vibration, UV exposure and commonly used chemicals.

HypaLUME 110/230V DC Heavy Duty LED Floodlight		
Close Range	1GJ 958 334-011	
Long Range	1GJ 958 334-021	
Extra Wide	1GJ 958 334-031	

SPECIFICATIONS	
Operating Voltage	100 to 240V AC
Power Consumption	300W max
Actual Light Output	28,000 lumens
LED Colour Temperature	5700 K. Optimal for fatigue avoidance and high alertness
Cable Length	Supplied with 2.0m of easy plug-in sheathed cable
Connection	Wieland RST Mini - 16A
Lens Material	High impact and chemical resistant Grilamid lens
Compliance	(€ F© <u>&amp;</u>

## Sea Hawk-XL **Dual colour**

Available with Red, Blue or Warm White LED combinations

Lamp Type	Sea Hawk-XL Dual Colour	
Housing Material	Corrosion resistant and thermally conductive	
	polymer housing	
Lens Material	Heavy duty Grilamid®	
Bracket Material	316 Stainless Steel	
Colour Temperature	5000K (White), 2700K (Warm White)	
Cable	Pre-wired with 2.5m marine cable	
Operating Voltage	Multivolt 12 / 24V DC	
Power Consumption	12W - White LEDs, 6W - Warm White LEDs,	
	6W - Blue LEDs, 3W - Red LEDs,	
Degree of Protection	Completely sealed IP67	
Weight	750g (including cable)	









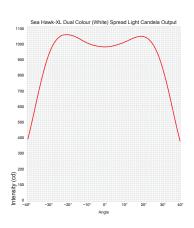


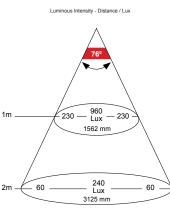


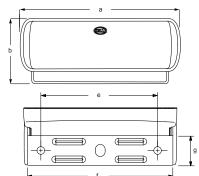




- 750 Lumens output (White)
- Secondary colour options Red / Blue / Warm White
- Completely sealed IP67
- Low power consumption
- Multivolt 12/24V DC
- Ultra long service life
- Made in New Zealand
- 5 Year warranty









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

#### Sea Hawk-XL Dual Colour LED Floodlights - SPREAD

White / Red Colour Combination		
LED Colours	Housing Colour	Part Number
White / Red	Black Housing	2LT 980 950-041
White / Red	White Housing	2LT 980 950-051

White / Blue Colour Combination			
LED Colours	Housing Colour	Part Number	
White / Blue	Black Housing	2LT 980 950-061	
White / Blue	White Housing	2LT 980 950-071	

White / Warm White Colour Combination		
LED Colours	Housing Colour	Part Number
White / Warm White	Black Housing	2LT 980 950-081
White / Warm White	White Housing	2LT 980 950-091



## Sea Hawk LED **Light Bars**

High output marine floodlights in a sleek and versatile design offer outstanding light intensity, class leading efficiency and proven durability. Multiple lens options.



















- 4 different lens options (Spot, Spread, Combi and Wide Spread)
- Sleek low profile design looks great fitted to hardtops
- Completely sealed IP67
- Non-metal corrosion resistant housing provides ultra long service life
- Low power consumption and Multivolt 12/24V DC electronics
- Made in New Zealand
- 5 Year warranty

Excellent light output in a low profile and durable housing

Each lamp comes supplied with a versatile 316 Stainless Steel bracket design which allows upright or pendant mount with feet aimed in or out.

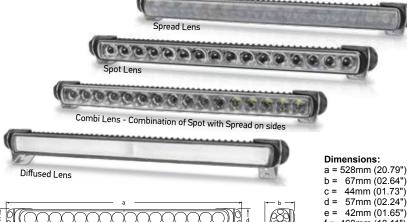
Sea Hawk-350 LED Bar Lights			
Lens Type	Black Housing	White Housing	
Spread	2LT 958 040-701	2LT 958 040-711	
Spot	2LT 958 040-651	2LT 958 040-661	

Power Consumption	25W (High), 5W (Low)
Lumens	2200 (White / High)
Voltage	Multivolt 12/24V DC
Body Material	'Non Metal' Ceramic Polymer
Lens Material	Heavy Duty Grilamid®
Dimensions (W,H,D)	408 x 57 x 67mm (including bracket)

Sea Hawk-470 LED Bar Lights			
Lens Type	Black Housing	White Housing	
Spread	2LT 958 130-601	2LT 958 130-611	
Spot	2LT 958 130-631	2LT 958 130-641	
Combi	2LT 958 130-441	2LT 958 130-451	
Diffused	2LT 958 130-501	2LT 958 130-511	

Power Consumption	36W (High), 4W (Low)
Lumens	3600 (Diffused) 2800 (Spot/Spread)
Voltage	Multivolt 12/24V DC
Body Material	'Non Metal' Ceramic Polymer
Lens Material	Heavy Duty Grilamid®
Dimensions (W,H,D)	528 x 57 x 67mm (including bracket)





Individual lamp dimensions with supplied brackets

b = 67mm (02.64") 44mm (01.73")

d = 57mm (02.24")42mm (01.65")

f = 460mm (18.11") (Mounting Hole)

g = 524mm (20.63") (Mounting Hole)



- · Internationally approved
- Ultra low power consumption
- · UV, corrosion & impact resistant
- · Completely sealed IP67
- Multivolt 12/24V DC
- · Reverse polarity & spike protected
- · Pre-wired with marine cable
- · Secure & time saving installation



Hella marine NaviLED lamps use less than 10% of the power required to run a 25W incandescent bulb lamp certified to the same visible distance.

Advanced optics deliver optimal horizontal and vertical light according to international standards. They provide enhanced visibility compared to bulb lamps. Cut-off angles are ultra precise, clearly indicating a vessel's movement and heading.

Each lamp is a completely sealed unit. Proven design, precision engineering, and the use of high impact acrylic materials ensures superior resistance to water, impact, UV and wear and tear.

Multivolt LED lamps can be connected to 12 or 24 volt systems providing full light performance even during low battery voltages and voltage drop over long cable runs and connectors.

The NaviLED TRIO offers unmatched reliability and visibility while at sea. This lamp is perfect for sail boats up to 20m.





















RCD



#### Single Lamps

Lamp (Colou	red Outer Lens)	Black Housing	White Housing
Port	(2NM)	2LT 980 520-001	2LT 980 520-011
Starboard	(2NM)	2LT 980 520-201	2LT 980 520-211
Stern	(2NM)	2LT 980 520-501	2LT 980 520-511
Towing	(2NM)	2LT 980 520-601	2LT 980 520-611



#### **Twin Pack Lamps**

Lamp (Coloured Outer Lens)	Black Housing	White Housing
Port & Starboard (2NM)	2LT 980 520-801	2LT 980 520-811
Lamp (Clear Outer Lens)	Black Housing	White Housing
Port & Starboard (2NM)	2LT 980 520-901	2LT 980 520-911





#### 2 Nautical Mile Powerboat & Yacht Lamp

Lamp with Coloured Lens	Black Housing	White Housing
Port & Starboard (2NM)	2LT 980 620-801	2LT 980 620-811









## Tri-Colour Trio 2 Nautical Mile lamp

Housing	Part Number
Black	2LT 980 650-001

The NaviLED TRIO offers unmatched reliability and visibility while at sea. This lamp is perfect for sail boats up to 20m.

Power Consumption	1.5W Anchor 3.5W Port, Starboard and Stern combined
Dimensions (W,H)	85 x 95 mm





steel mounting shaft and base

Ideal for sail boats up to 20m in length

Innovative mounting system for easy and secure installation

Completely sealed light engine





























#### **Powerboat & Yacht Navigation Lamps**

Lamp		Black Housing	White Housing
Port	(2NM)	2LT 959 900-001	2LT 959 900-011
Starboard	(2NM)	2LT 959 908-001	2LT 959 908-011
Stern	(2NM)	2LT 959 909-001	2LT 959 909-011
Bi-Colour	(2NM)	2LT 959 941-001	2LT 959 941-011
Masthead	(3NM)	2LT 959 940-201	2LT 959 940-211
Masthead	(5NM)	2LT 959 940-401	2LT 959 940-411

#### **NaviLED PRO Deck Mount Adaptor**

Black Housing	White Housing
8HG 241 287-802	8HG 241 287-812





























#### 2 Nautical Mile Anchor Lamps with **Compact Surface Mount Base**

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

#### **Fixed Pole 2 Nautical Mile Anchor Lamps**

Overall Length	Black Base	White Base
167mm (6")	2LT 980 960-201	2LT 980 960-211

#### Fold Down 2 Nautical Mile Anchor Lamps

Overall Length	Black Base	White Base
204mm (8")	2LT 980 960-281	2LT 980 960-291
315mm (12")	2LT 980 960-301	2LT 980 960-311
510mm (20")	2LT 980 960-321	2LT 980 960-331
605mm (24")	2LT 980 960-341	2LT 980 960-351
865mm (34")	2LT 980 960-361	2LT 980 960-371
1016mm (40")	2LT 980 960-461	2LT 980 960-471

#### Plug-in Pole 2 Nautical Mile Anchor Lamps

		· •
Overall Length	Black Base	White Base
610mm (24")	2LT 980 960-401	2LT 980 960-411
1080mm (42")	2LT 980 960-421	2LT 980 960-431
1380mm (54")	2LT 980 960-441	2LT 980 960-451



Lamp Type	NaviLED 360 Anchor Lamps - 2NM All Round White
Housing Material	Corrosion, UV and impact resistant ASA plastic
Lens Material	Heavy duty Grilamid®
Minimum Visible Distance	2 Nautical Mile
Cable	Pre-wired with marine cable
Operating Voltage	Multivolt 12 / 24V DC
Power Consumption	1W
Degree of Protection	Completely sealed IP67
Approvals	IMO Col Reg 72, USCG, Wheelmark, ABYC A-16, RCD



## Sea Hawk LED Work Lamps













- · Ultra low power consumption
- · UV, corrosion and impact resistant
- · Completely sealed IP67
- · Pre-wired with marine cable
- Multivolt 12/24V DC
- · Made in New Zealand
- 5 Year warranty

#### Sea Hawk

Lens Type	Black Housing	White Housing
Spread (12/24V DC)	2LT 980 670-301	2LT 980 670-311
Spread (12V only)	2LT 980 670-361	2LT 980 670-371

Power Consumption	3W
Lumens	200
Dimensions (H,W,D)	53 x 136 x 49mm (including bracket)





Recessed Sea Hawk-R on Dickey Semifly 32

#### Unique Corrosion Proof Housing

Sea Hawk range provides unmatched corrosion resistance due to an innovative thermally conductive polymer housing. This advanced material draws heat from internal electronics for reliable long-term operation and eliminates the need for aluminium housing, removing corrosion risks in the harsh marine environment.

#### Fully sealed and salt water durable

Sea Hawk lamps are IP67 and feature a high performance Grilamid® lens for superior strength and resistance to impact and UV. Tinned marine cable is pre-wired to each lamp for absolute water tightness and reliable electrical connections.

#### Sea Hawk-XL Dual Colour lamps

Two rows of bright white light is ideal when working, docking or landing the big one while the third row of secondary colour adds versatility. Red is perfect for preserving your night vision, blue is popular when added bling or 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.

#### Sea Hawk-R

#### **Bracket Mount**

Lens Type	Black Housing	White Housing
Spread	2LT 980 573-011	2LT 980 573-021

Power Consumption	7W
Lumens	550
Dimensions (H,W,D)	53 x 136 x 49mm (including bracket)



#### **Recessed Mount**

Lens Type	Black Housing	White Housing
Spread	2LT 980 577-001	2LT 980 577-011
Spot	2LT 980 577-201	2LT 980 577-211

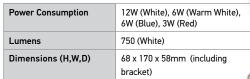
Power Consumption	7W
Lumens	550
Dimensions (H,W,D)	50 x 176 x 43mm



#### Sea Hawk-XL Dual Colour

#### **Spread Lens Options**

Light Colour	Black Housing	White Housing
White / Red	2LT 980 950-041	2LT 980 950-051
White / Blue	2LT 980 950-061	2LT 980 950-071
White / Warm White	2LT 980 950-081	2LT 980 950-091



For more information see page 8.





#### **Engineered light patterns**

Advanced optical systems deliver incredible illumination without glare. Spread lamps illuminate a wide, close-range spread over a cockpit, foredeck or working area. Spot lamps provide a narrower, more concentrated illumination for tuna towers, yacht masts or for forward facing lighting on a variety of applications.

#### Sea-Hawk-470 LED Light Bars

A dedicated spread or spot optic gives full power to each of these activities. The spread light is the equivalent of a full deck floodlight while the spot optic is able to pierce the darkness to over 100m. Both output a powerful 2800 lumens.

#### Tough Grilamid® Lens

Grilamid® offers an unbeatable combination of properties including toughness against impact, long term UV stability and resistance to commonly used chemicals and washes. Grilamid® will not lose its lustre or embrittle over time but will remain clear, transparent and impact tough for the life of the product.

#### **Quality and Warranty**

All Sea Hawk lamps are designed and manufactured in New Zealand, completely sealed against dust and water and carry a 5 year warranty. HELLA Sea Hawk LED floodlights are the natural choice when exceptional durability and long term reliability in demanding environments are needed.

#### Wide voltage range:

Multivolt circuitry means the lamps can be used with both 12V or 24V DC systems, whilst only consuming 36W.

#### Flexible mounting options

The light weight means less stress on mounting locations, and a versatile bracket means aiming the light is a simple affair.



#### P/N 8HG 958 128-811 Accessory

An optional double bracket for the Sea Hawk-470 and 350s enables you to stack multiple lamps to increase the light output or spread of light.

**Coming soon** - Lightbar connector accessory. Connector allows you to connect multiple lightbars in any number of configurations.

#### Sea Hawk-XLR

Lens Type	Black Housing	White Housing
Spread	2LT 980 740-001	2LT 980 740-011
Spot	2LT 980 740-201	2LT 980 740-211

Power Consumption	18W (High), 2W (Low)	
Lumens 1300 (High)		
Voltage	Multivolt 12/24V DC	
Dimensions (H,W,D)	68 x 170 x 58mm (including bracket)	



#### Sea Hawk-350

Sea Hawk-3!	50 LED Bar Lights	
Lens Type	Black Housing	White Housing
Spread	2LT 958 040-701	2LT 958 040-711
Spot	2LT 958 040-651	2LT 958 040-661

Power Consumption	25W (High), 5W (Low)
Lumens	2200 (High)
Voltage	Multivolt 12/24V DC
Body Material	'Non Metal' Ceramic Polymer
Lens Material	Heavy Duty Grilamid®
Dimensions (W,H,D)	408 x 57 x 67mm (including bracket)



#### Sea Hawk-470

Sea Hawk-470 LED Bar Lights			
Lens Type	Black Housing	White Housing	
Spread	2LT 958 130-601	2LT 958 130-611	
Spot	2LT 958 130-631	2LT 958 130-641	
Combi	2LT 958 130-441	2LT 958 130-451	
Diffused	2LT 958 130-501	2LT 958 130-511	

Power Consumption	36W (High), 4W (Low)
Lumens Voltage Body Material	3600 (Diffused) 2800 (Spot/Spread)
	Multivolt 12-24V DC
	'Non Metal' Ceramic Polymer
Lens Material	Heavy Duty Grilamid®
Dimensions (W,H,D)	528 x 57 x 67mm (including bracket)





#### Sea Hawk-470 Combi LED Work Lamp

The Combi is a unique light bar offering three light options: close range, long range or combined all in a single light bar. The spread section can light up a deck and provide light to work under, while the finely tuned spot section is great for long range sighting of objects far out to sea.

1300 lumen

The superior performance of Hella marine LED work lamps is recognised by industry worldwide, with many commercial vessel manufacturers and operators now specifying HELLA LED lighting as original equipment.

In heavy duty work environments, Hella marine LED work lamps offer decisive advantages over other lighting technologies.

#### **Highly Effecient Light Output**

Highly advanced optics ensure that the right amount of light reaches the area it is most needed. Beam patterns are designed to generate even illumination and avoid bright spots, dark patches or stray light rays that serve no useful purpose.

#### **Low Power Consumption**

LED work lamps consume significantly less power than incandescent bulbs resulting in reduced strain on both alternator and battery and lower operating costs.

#### **Long Service Life**

High quality materials offer superior impact, shock, vibration, UV and corrosion resistance ensuring an ultra long service life.

#### Water & Dust Proof

Fully sealed against dust and water ingress, suitable for the harshest environments.



Ports of Auckland tug boat with single Power Beam Floodlight.

#### Module 70 Gen 3

Lens Type	Black Housing	White Housing
Close Range	1G0 996 176-721	1G0 996 176-731
Power Consumption	13W	
Lumens	800	
Dimensions (H,W,D)	110 x 83 x 74mm	(including bracket)



#### Module 70 Gen 4

Lens Type	Black Housing	White Housing
Close Range	1G0 996 476-211	1G0 996 476-191
Long Range	1G0 996 476-221	1G0 996 476-201

Power Consumption	30W
Lumens	2500
Dimensions (H,W,D)	110 x 83 x 74mm (including bracket)



#### Hand Held Spot Lamp

Lens Type	Black Housing	
Long Range	1H0 996 476-502	
Close Range	1H0 996 476-512	
Power Consumption	30W	
Lumens	2500	
Dimensions (H,W,D)	145 x 83 x 160mm (including bracket)	



#### **RokLUME 380N**

Lens Type	Black Housing 1GA 910 581-001 1GA 910 581-021	
Close Range		
Long Range		
Operating Voltage	24V DC only	
Power Consumption	84W	
Lumens	7500	
	148 x 179 x 102mm (including bracket)	



#### **HypaLUME**

Lens Type	110/230V AC LED Floodlight	24/48V DC LED Floodlight
Close Range	1GJ 958 334-011	1GJ 011 872-501
Long Range	1GJ 958 334-021	1GJ 011 872-511
Extra Wide	1GJ 958 334-031	1GJ 011 872-521

HypaLUME type	110/230V AC LED Floodlight	24/48V DC LED Floodlight
Operating Voltage	100 to 240V AC	22 to 50V DC
Power Consumption	300W max.	260W max. (10A @ 24V DC)
Actual Light Output	28,000 lumens	25,000 lumens
Cable Length	Supplied with 2.0m of easy plug-in sheathed cable	Supplied with 1.8m of easy plug-in sheathed cable
Dimensions (W,H,D)	520 x 380 x 180mm	520 x 380 x 166mm



## Trailer Kit

The full combination of functions are offered including LED stop, rear position and rear indicator lamps, number plate illumination plus an integrated 18cm² red reflector.

Each lamp is completely sealed against dust and moisture ingress. These lamps feature an impact and UV resistant Grilamid® lens that appears clear until illuminated.

Lamp Type	Square Compact LED Combination Lamp Kit	
Lens Material	Heavy duty Grilamid® lens	
Mounting	Horizontal or vertical	
Operating Voltage	Multivolt 12/24V DC	
Power Consumption	Rear position 1W, Indicator 2W, Stop 2W	
Voltage Protection	Spike, Over Voltage and Reverse Polarity	
Cable	Pre-wired with multi-core cable	
Approvals	ADR compliant, ECE certified	

Trailer Kit Contents	Cable Length	Part Number
1 x Rear Position / Stop / Indicator 1 x Rear Position / Stop / Indicator / Number Plate	0.5m	2395-TP











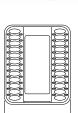














#### Marker and Clearance















Lamp Type	White Front Position End Outline Lamp	
Operating Voltage	Multivolt 12/24V DC	
Cable	Pre-wired with 2.5m of cable	
Approvals	E4 02 7575, ADR compliant, ECE certified	

Description	Cable Length	Part Number
Pack of 1	2.5m	2054GMD









## **EuroLED**

- · Ultra low power consumption
- High colour rendering (CRI 85)
- · Completely sealed IP67
- · UV, corrosion and impact resistant
- · 316 stainless steel rims
- · Made in New Zealand
- · 5 Year warranty

EuroLED 95 down lights combine the latest in style, functionality and performance. The smooth diffused lens creates a comfortable and uniform appearance, while high output LEDs produce a broad and even illumination.

Each EuroLED lamp is completely sealed, highly impact and shock resistant for an ultra long service life. EuroLED lamps can be installed almost anywhere on board, interior or exterior, wet or dry. The low heat signature will not cause damage to surrounding materials.

Multivolt electronics provide consistent illumination and protection across a range of voltages, even under severe voltage fluctuations, low battery voltages and long cable runs. Each EuroLED lamp can be dimmed and controlled via the Hella marine Dimmer (5XA 998 572-001).

Glare diffusion without light loss is key with any LED lamp to maintain efficiency and safety. Significant eye strain can result from periods of looking directly into a powerful LED point source. Hella marine lens technology provides a safe and uniform light pattern, without glare or discomfort.



EuroLED 95s in Dickey Semifly 36 Saloon













#### **EuroLED 75**

#### **Screw Mount**

Light Colour / Voltage	White plastic rim	Polished stainless steel rim
White (12V)	2JA 958 110-012	2JA 958 110-022
White (24V)	2JA 958 110-112	2JA 958 110-122
Warm White (12V)	2JA 958 109-012	2JA 958 109-022
Warm White (24V)	2JA 958 109-112	2JA 958 109-122

Note: Spring Clip options also available

Power Consumption	3W
Lux @ 1m	100 (white)
Beam Angle	80°
Dimensions (W,D)	75 x 24mm (Plastic Rim)



#### **EuroLED 95 GEN 2**

#### Spring Mount with Highly Polished 316 Stainless Steel Rim

Light Colour	Square Rim	Round Rim
White	2JA 958 340-511	2JA 958 340-011
White/Red	2JA 958 340-601	2JA 958 340-101
White/Blue	2JA 958 340-611	2JA 958 340-111
Warm White	2JA 958 340-521	2JA 958 340-021
Warm White/Red	2JA 958 340-621	2JA 958 340-121
Warm White/Blue	2JA 958 340-631	2JA 958 340-131

Power Consumption	6W (White)
Voltage Range	Multivolt 12/24V DC
Lux @ 1m	200 (White)
Beam Angle	90°
Dimensions (W,D)	78 x 29mm (Square Rim)
	95 x 30mm (Round Rim)





12/24V

CRI 85

12/24V

#### EuroLED 95

Light Colour / Mounting	White plastic rim	Polished stainless steel rim
White (Screw)	2JA 980 940-001	2JA 980 940-011
White (Spring Clip)	2JA 980 940-201	2JA 980 940-211
Warm White (Screw)	2JA 980 940-101	2JA 980 940-111
Warm White (Spring Clip)	2.JA 980 940-301	2 JA 980 940-311

Power Consumption	4W
Voltage Range	Multivolt 12/24V DC
Lux @ 1m	350 (White)
Beam Angle	30°
Dimensions (W,D)	95 x 37mm (Plastic Rim)





## **EuroLED**

- · Dual colour options
- · Touch control switching
- · Completely sealed IP67
- · Ultra low power consumption
- · UV, corrosion and impact resistant
- · Made in New Zealand
- · 5 Year warranty

EuroLED 130 & 150 lamps incorporate the latest completely sealed touch sensitive technology.

Lighting control is beautifully simple. Touch the colour pad for red or blue light, the white pad for white light. On the dual colour versions, hold your finger on the pad for more than two seconds and the lamp will cycle through four dimming levels. Release your finger on the light level required.

Dual colour EuroLED Touch lamps can also be remotely operated from multiple points with 'off the shelf' ON/OFF/ON momentary switches. Holding one of the external switches for two seconds will synchronise the lamps to the same dimming level. Light levels are 'remembered' by the lamps circuitry. The lamp will always turn on at the colour intensity previously set, regardless of power interruption.

Single colour White or Warm White EuroLED Touch lamps (without dimming or momentary switch control) are equally as easy to use. Touch the white pad for ON, touch the black pad for OFF.



#### EuroLED 115

#### **Screw Mount**

Light Colour	White plastic rim	Polished stainless steel rim
White	2JA 980 820-001	2JA 980 820-011
Warm White	2JA 980 820-101	2JA 980 820-111

#### **Surface Mount with Switch**

Light Colour	White plastic rim	Polished stainless steel rim
White	2JA 980 828-001	2JA 980 828-011
Warm White	2JA 980 828-101	2JA 980 828-111

Power Consumption	4.5W	
Lux @ 1m	410 (White)	
Beam Angle	28°	
Dimensions (W,D)	115 x 32mm (Plastic Rim)	

#### **EuroLED 130**



Power Consumption	4W
Lux @ 1m	610 (White)
Beam Angle	30°
Dimensions (W,D)	130 x 29.5mm

# 9 950-511 9 820-511

#### **EuroLED 150**

#### Touch Lamp

Light Colour	White Shroud	Stainless Steel Shroud
White / Red	2JA 980 630-001	2JA 980 630-011
Warm White / Red	2JA 980 630-101	2JA 980 630-111
White / Blue	2JA 980 630-201	2JA 980 630-211
White	2JA 980 630-501	2JA 980 630-511
Warm White	2JA 980 630-601	2JA 980 630-611

#### Non-Touch Lamp

Light Colour	White Shroud	Stainless Steel Shroud
White	2JA 980 631-501	2JA 980 631-511
Warm White	2JA 980 631-601	2JA 980 631-611

Power Consumption	4W
Lux @ 1m	370 (White)
Beam Angle	40°
Dimensions (W,D)	150 x 20mm





12/24V

2/24V



## **DuraLed**

Powerful white light for heavy duty applications and a safe, energy efficient and reliable alternative to incandescent and fluorescent lighting.

- · Completely sealed IP67
- · UV, corrosion and impact resistant
- · Ultra low power consumption
- Multivolt 12/24V DC
- · Pre-wired with marine cable
- 5 Year warranty

DuraLED 12 LED lamps feature precision machined optics to purposely disperse light in a very wide spread pattern without glare or harsh point sources.

The result is LED technology ideal for engine room illumination, under decks, heavy duty applications where reliability must not be compromised, and to throw light into confined spaces and cavities on a wide range of vessels.

Product reliability is second to none, proven worldwide in thousands of highly demanding applications. Each lamp is a completely sealed design, highly impact resistant and shock resistant, ensuring an ultra long service life.

DuraLED 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.

Hella marine Multivolt circuitry provides constant illumination and circuit protection from 12-24V DC, even under severe voltage fluctuations.

DuraLED 50LP lamps are high tech, low profile lamps which are available in two light patterns, Spread and Wide Spread, to suit a variety of applications.

DuraLED 50LP lamps also carry ISO Ignition Protection approval for safe and certified installation when lamps are located near flammable gas sources.













#### **DuraLED 12**

Light Colour	White shroud
White	2JA 959 700-101
Warm White	2JA 959 700-701

#### **Lamps with Heavy Duty Switch**

Light Colour	White shroud
White	2JA 980 704-001
Warm White	2JA 980 704-501

Power Consumption	2.5W (White)
Lux @ 1m	60 (White)
Beam Angle	120°
Dimensions (H,W,D)	65 x 140 x 32mm





#### **DuraLED 20**

Power Concumption		//W (White)
White	2JA 980	0 608-001
Light Colour	Spice	uu teris

Power Consumption	4W (White)	
Lux @ 1m	350 (White)	
Beam Angle	60°	
Dimensions (H,W,D)	100 x 177 x 30mm	



#### **DuraLED 36**

Light Colour	Sprea	id lens	
White	2JA 959	037-521	
Power Consumption		7W (White)	
Lux @ 1m		450 (White)	)
Beam Angle		62°	
Dimensions (H,W,D)		100 x 177 x	30mm



#### **DuraLED 50**

Light Colour	Spread lens	Wide Spread lens
White (12W)	2JA 980 629-001	2JA 980 629-501
White/Red (10W)	2JA 980 604-061	

Lux @ 1m	Spread: 1650 Lux Wide: 375 Lux	
Beam Angle	Spread: 36° Wide: 100°	
Dimensions (H,W,D)	100 x 177 x 30mm	

















LED lamps offer many advantages over traditional incandescent and bulb lighting including reduced power consumption, multiple colours and a longer life time of reliable operation.

#### Flexible LED Chart lamps.

Energy efficient lighting for a variety of interior applications including chart table and navigation area lighting, berth lighting and adjustable reading lights.

Available in single red or white LED light or dual colour red and white LED versions with integrated dimming via a rotary switch built into the head.



#### Hella marine Slim Line LED courtesy lamps.

Lens technology provides an even spread of soft light without glare or eye strain.

Each lamp is a completely sealed design, highly impact resistant and shock resistant, ensuring an ultra long service life. Perfectly suited for the demanding marine environment, these lamps can be installed on a vessel's interior or exterior, in wet or dry conditions.

Hella marine LED courtesy lamps run very cool due to their low current draw of less than 0.5W. This provides safer installation into light weight materials where the heat of incandescent lamps may cause damage to the surrounding structure.



#### Ponui Gen 2 Wall Lamp

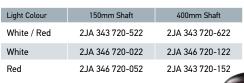
Light Colour	12V	24V
White	2JA 958 358-001	2JA 958 358-201
Warm White	2JA 958 358-011	2JA 958 358-211

Power Consumption	3W
Lux @ 1m	100 (Warm White)
Beam Angle	80°
Materials	Chrome Plating over Brass
Dimensions (W,D)	75 x 24mm (Plastic Rim)

The Ponui Gen 2 provides comfortable colour temperatures in white and warm white with excellent colour rendering performance, consistent illumination and coordinated ambience throughout a vessel.



#### Flexi-spot Chart Lamp



Power consumption	2W
Degree of protection	IP52
Dimensions (H,W,D)	104 x 46 x 36mm (lamp head)



#### **Slim Line Round Courtesy**













Light Colour	12V	24V
White	2XT 980 500-521	2XT 980 501-521
Warm White	2XT 980 500-721	2XT 980 501-721
Blue	2XT 980 502-221	2XT 980 503-221
Red	2XT 980 507-221	2XT 980 508-221

Note: White or Black cap options also available

Power consumption	0.5W
Degree of protection	IP67
Dimensions (W,D)	72 x 21mm (S/S Cap)





These surface mount LED strip lamps feature completely sealed housing with class leading efficiency. An unintrusive 11mm or 14mm profile makes these suitable for a wide range of illumination tasks. An optional bracket is also available to mount these lamps at a 45° angle, increasing your mounting options.

Lamp Type	Surface strip lamps with switch	
Lens Material	Corrosion, UV and impact resistant acrylic	
Colour Temperature	5000K (White) 2700K (Warm White)	
Dimming	Hella marine dimmer 5XA 998 572-001	
Cable	Pre-wired with 500mm of marine cable	
Operating Voltage	12V DC or 24V DC	
Power Consumption	3W - White	
Lux @ 1m	256 (White)	
Beam Angle	40°	
Degree of Protection	Completely sealed IP67	
Installation	Surface Mount	
Weight	75g (including cable)	
Dimensions	283mm x 25mm x 14mm (incl. switch)	
	283mm x 25mm x 11mm (no switch)	













#### Surface Mount with Switch

Light Colour	12V	24V
White	2JA 958 123-001	2JA 958 123-401
White / Red	2JA 958 121-001	2JA 958 121-401
White / Blue	2JA 958 121-011	2JA 958 121-411
Warm White	2JA 958 123-101	2JA 958 123-501
Warm White / Red	2JA 958 121-101	2JA 958 121-501
Warm White / Blue	2JA 958 121-111	2JA 958 121-511

Warm White LED options also available.



## Surface Mount - No Switch

Light Colour	12V	24V
White	2JA 958 124-001	2JA 958 124-401
Warm White	2JA 958 124-101	2JA 958 124-501

Surface mount strip lamp without switch

8HG 958 000-011 For mounting strip lamps at 45°. This bracket is available separately.

Lamp Type	Courtesy Surface Strip
Power Consumption	1.5W (White)
Beam Angle	42°
Dimensions (H,W,D)	25 x 283 x 11mm

This courtesy strip lamp uses less than 1.5 watts, it is this soft light insensity which makes it a perfect option for ambient lighting.

## 1.5W Courtesy Intensity

Light Colour	12V	24V
White	2JA 980 881-012	2JA 980 881-112
Warm White	2JA 980 881-212	
Blue	2JA 980 881-402	2JA 980 881-502
Red	2JA 980 881-602	2JA 980 881-702



Stylish LED step lamps provide safe, reliable and energy efficient lighting to illuminate steps, potential hazards and general areas like walkways.

The completely sealed housings mean they are suitable for interior or exterior applications.

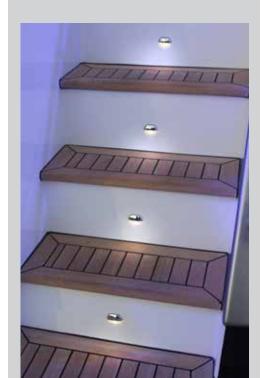
Available in White, Warm White, Red or Blue so you can create your own unique style on board.

- · Completely sealed IP67
- · UV, corrosion and impact resistant
- · Ultra low power consumption
- · Pre-wired with marine cable
- · Made in New Zealand
- · 5 Year warranty

Ideal for illuminating on board areas such as steps, stairs, toe kicks, storage areas, companion ways, deck fittings, signs and switches.

Completely sealed and ultra durable, Hella marine LED lamps may be installed on a vessel's interior or exterior, wet or dry. Lamps are also shock and vibration resistant and represent reliable 'fit and forget' technology. Multivolt electronics ensure constant light output in 12V or 24V DC systems.

Step lamps feature engineered optics to direct light downwards at 30 degrees safely illuminating deck and step tread surfaces without shining into the eyes.















#### **Surface Mount Oblong Courtesy**



#### **Oblong Step Lamp**



#### Easy Fit Step Light



Light Colour	Chrome Plated Cap	White Plastic Cap	Stainless Steel Cap
White	2JA 958 126-001	2JA 958 126-011	2JA 958 126-031
Warm White	2JA 958 126-401	2JA 958 126-411	2JA 958 126-431
Blue	2JA 958 126-101	2JA 958 126-111	2JA 958 126-131
Red	2JA 958 126-201	2JA 958 126-211	2JA 958 126-231

Power consumption	0.5W	
Degree of protection	IP67	
Dimensions (H,W,D)	32 x 45 x 23mm	



30° Step light pattern

## Accessories





#### Turbo Fans

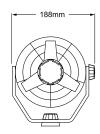
## Internationally respected Hella Turbo fans may be turned and pivoted in all directions and locked into position.

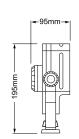
- Quality German motor provides very quiet operation
- 150mm diameter fan blade with guard
- · High air moving capacity with low power consumption
- Two speed switch in front of the blade guard
- Side, upright or pendant mounting

Voltage	Housing Colour	Part Number
12V	Black Housing	8EV 003 361-001
12V	White Housing	8EV 003 361-021
24V	Black Housing	8EV 003 361-011

Material Description	Impact resistant plastic
Switch	Integrated 2 stage rotary
Output	Speed 1: 70 litre/sec. Speed 2: 95 litre/sec.
Power Consumption	6.5W
Installation	Pre-wired with 140mm of cable







#### Water Resistant Plugs and Sockets

Description	Pin	Material	Part Number
Socket	2 Pin	Chrome Brass	2741
Plug	2 Pin	Chrome Brass	2742
Plug & Socket	2 Pin	Plastic	2782

Plug Socket Type	Metal	Plastic
Material Description	Chrome brass housings. Brass contacts	Impact resistant plastic housing Silver contacts.
Maximum Load	22A at 12V 16A at 12V	
Installation	Screw terminals	



**2782**Plastic Water Proof Plug
Plug suitable for cable
up to 8.0mm diameter.

## Accessories



Switches and Dimmer



#### **Illuminated Switches**

#### **LED Illuminated Switches**

Exterior durable, stainless steel switches featuring a ring of LED light.

Manufactured from 304 stainless steel, these through panel mount switches are IP 67 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.

Material Description	304 Stainless Steel	
Contact Material	Silver Alloy	
Terminal Type	5 Pin (2.8 x 0.5mm) switches	
Panel Thickness	1~ 10mm	
Insulation Resistance	≥ 1000MΩ	
Contact Resistance	≤ 50mΩ	
Operating Temp	-20°C~ +55°C	
Max. Switch Rating	5A	
Degree of Protection	IP 67	
Buzzer sound intensity	>80dB (1m)	

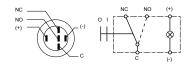


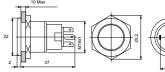
#### Stainless Steel Switches with LED Ring - Latching

Light Colour	Voltage	Operation	Part Number
Red	12V DC	On / Off	8HG 958 455-001
Blue	12V DC	On / Off	8HG 958 455-011
Red	24V DC	On / Off	8HG 958 455-101
Blue	24V DC	On / Off	8HG 958 455-111

#### Stainless Steel Switches with LED Ring - Momentary

Light Colour	Voltage	Operation	Part Number
Red	12V DC	Momentary	8HG 958 455-201
Blue	12V DC	Momentary	8HG 958 455-211
Red	24V DC	Momentary	8HG 958 455-301
Blue	24V DC	Momentary	8HG 958 455-311







#### 2 Group Light Dimmer

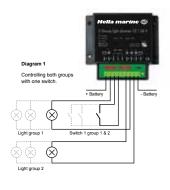
The Hella marine 2 Group Light Dimmer provides precise dimming control for one or two separate light groups, and sophisticated voltage regulation with a 'soft-start' feature to lengthen the life of filament bulbs.

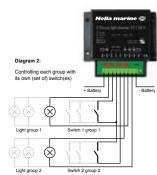
Max. Load	200W at 12V and 400W at 24V	
Max. Load Per group	100W at 12V and 200W at 24V	
Input Voltage Range	8 - 30V DC	
System Voltage	12V or 24V DC	
Number of Groups	2	
Switches Per Group	Unlimited	
Switch Type	Momentary normally open	
Weight	140 grams	
Protections	Overload, Temperature, Low voltage	
Fuse	2 x 10A	

#### 2 Group Light Dimmer

Part Number 5XA 998 572-001









## Visit us online hellamarine.com

- Latest products
- News
- Catalogues
- Instruction sheets and more

#### Follow us on







facebook.com/hellamarine linkedin.com/company/hella-marine youtube.com/user/hellamarine