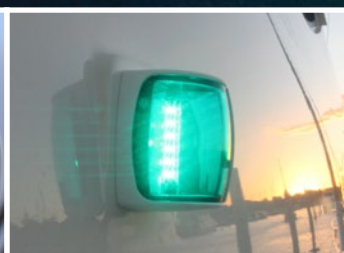




Hella marine



WORLD LEADING **MARINE LIGHTING**

PRODUCT CATALOGUE

On the water power is often a scarce resource.

Long lasting and ultra efficient lighting has a substantial role to play in conserving energy while adding entertainment, style, function and safety.



Welcome to Hella marine

World leading high technology lighting that sets benchmarks for 'Fit and Forget' reliability and efficiency with outstanding customer service and support.

Hella marine is a globally recognised and trusted brand with LED navigation and high performance lighting systems available in over 70 countries through the global HELLA network and specialist marine distributors.

Founded in 1925 by HELLA in Lippstadt, Germany, Hella marine is head-quartered in Auckland, New Zealand, a country with a rich maritime history, world class boat building and yacht racing success.

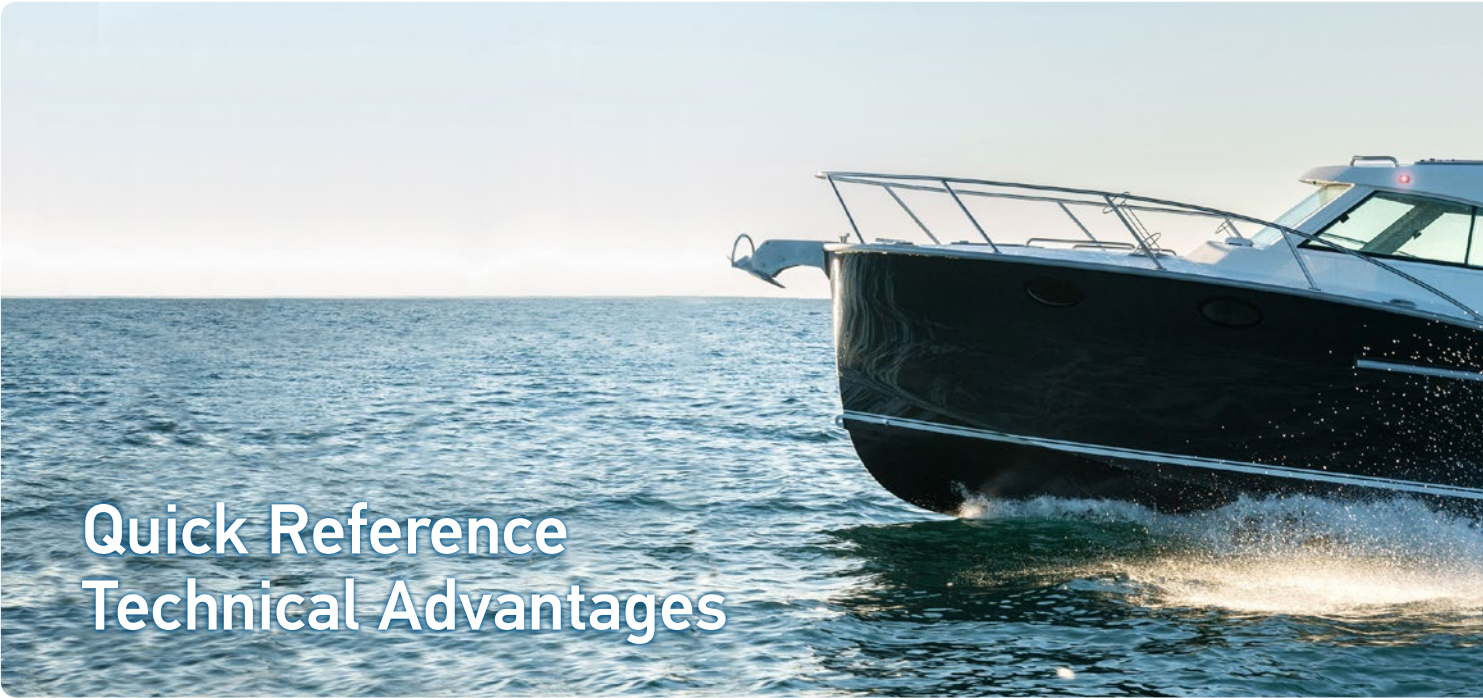
Through ongoing R&D, innovative design and use of high quality materials Hella marine continues to set benchmarks for extremely reliable and highly efficient products



Hella marine 

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Quick Reference Technical Advantages

5 YR
WARRANTY

5 Year Warranty

Peace of mind the product will stand the test of time.

HIGH
CRI

High CRI

A high colour rendering index ensures object and surface colours are replicated naturally.

IP67
COMPLETELY
SEALED

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.

HD
GRILAMID
LENS

Heavy Duty Grilamid® Lens

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

UV
RESISTANT

Outstanding UV Resistance

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

LED

Class Leading Efficiency

Combining efficient LED sources with advanced optics, Hella marine delivers more light per watt for significant energy savings. Low heat signatures reduce heat on board and prevent damage to surrounding materials.

EMC

Electromagnetic Compatibility (EMC)

Products that suppress possible interference, emission and susceptibility to emissions, according to international standards. This prevents possible interference with radio, communication, navigation and other electrical equipment on board.

CORROSION
RESISTANT

Corrosion Resistant

For the ultimate in longevity under salt water conditions.

12/24V
MULTIVOLT™

Multivolt™

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

DUAL
COLOURS

Dual Colour

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

APELO

Underwater Lighting Brilliance



SPECTACULAR COLOUR ILLUMINATING YOUR LIFESTYLE



As the sun sets, Apelo Underwater Lights come alive. Rich vibrant colour 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 colour 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.



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.

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

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.



Edge Light Technology

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



Dry Running Protected

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



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 colour shift and no other adverse performance decreases.

Apelo A1 Underwater Light Polymer - 1800 Lumen

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

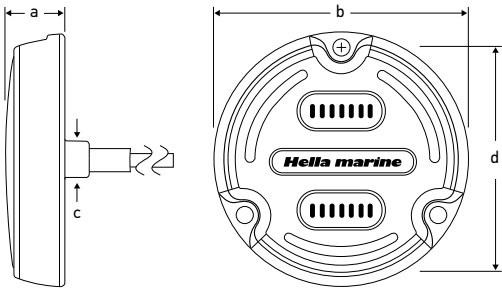
The A1 RGB* light gives you complete control to choose any colour you wish, with Apelo's optical intelligence creating an even distribution of colour across the transom.

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.

Lumen	1800 (White)	
Lens Material	Heavy duty Grilamid®	
Base Material	Corrosion proof thermal polymer	
Colour Temperature	5000K (White)	
Pre-wired Cable	2.5m / 8.2ft, marine cable	
Operating Voltage	Multivolt™ 9-32V DC, 12/24V DC Nominal	
Power Consumption	White / Blue	20W / 1.7A @ 12V, 0.9A @ 24V
	RGB	15W / 1.25A @ 12V, 0.7A @ 24V
Protection	IP68 / IP69	
Weight (incl. cable)	White / Blue 250g	RGB 300g
Approvals	EN55015 / CISPR 15, IEC60533, IEC61547, ICES-5	

Light Colour	White Lens	Charcoal Lens
White / Blue	2LT 016 145-012	2LT 016 145-002
RGB	2LT 016 146-012	2LT 016 146-002

*Connect Apelo RGB lights to an RGB lighting controller for unlimited colour 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") (Hole PCD)



Apelo A2 Underwater Light Aluminium - 3000 Lumen

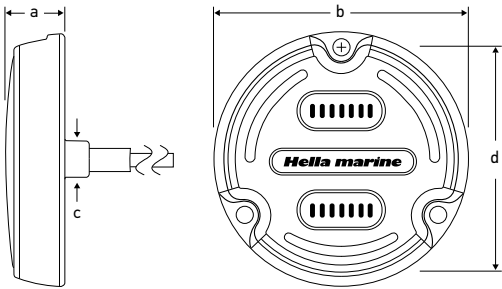
Boasting an incredibly bright 3000 lumen light output, the Apelo A2 offers not only more light, but more features. The Apelo A2 is available in either a vibrant blue or intense white combination, or full spectrum RGB*. The additional stylish Edge Light illuminates your transom with distinctive glowing 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, aluminium 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 aluminium housing is tailored specifically for aluminium hulls which are not permanently submerged.

Lumen	3000 (White)	
Lens Material	Heavy duty Grilamid®	
Base Material	Hard Anodised Aluminium	
Colour Temperature	5000K (White)	
Pre-wired Cable	2.5m / 8.2ft, marine cable	
Operating Voltage	Multivolt™ 9-32V DC, 12/24V DC Nominal	
Power Consumption	White / Blue	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 / IP69	
Weight (incl. cable)	White / Blue 310g	RGB 360g
Approvals	EN55015 / CISPR 15, IEC60533, IEC61547, ICES-5	

Light Colour	Charcoal Lens
White / Blue	2LT 016 147-002
RGB	2LT 016 148-002

*Connect Apelo RGB lights to an RGB lighting controller for unlimited colour 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") (Hole PCD)



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* colour experiences, signature Edge Light, and strobe function.

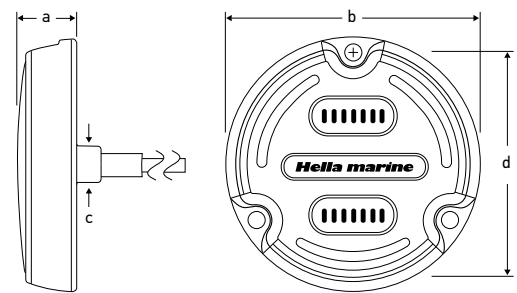
A marine grade bronze housing delivers the ultimate in protection from harsh conditions, while offering superior durability and thermal management properties, and backed by Hella marine's 5 year warranty.

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

Lumen	3000 (White)	
Lens Material	Heavy duty Grilamid®	
Base Material	Marine grade bronze	
Colour Temperature	5000K (White)	
Pre-wired Cable	2.5m / 8.2ft, marine cable	
Operating Voltage	Multivolt™ 9-32V DC, 12/24V DC Nominal	
Power Consumption	White / Blue	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 / IP69	
Weight (incl. cable)	White / Blue 600g	RGB 650g
Approvals	EN55015 / CISPR 15, IEC60533, IEC61547, ICES-5	

Light Colour	White Lens
White / Blue	2LT 016 147-102
RGB	2LT 016 148-102

*Connect Apelo RGB lights to an RGB lighting controller for unlimited colour 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") (Hole PCD)



Apelo A3 Underwater Light Bronze - 6000 Lumen

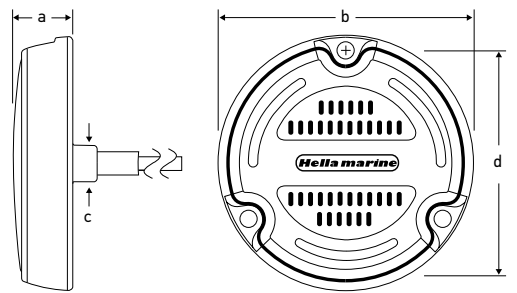
The ultimate in the Apelo Underwater Light range, and supercharged with 6000 lumen light output, and a larger overall size than the Apelo A2 Bronze. The A3 model has an improved formula with double the light output, maximizing the vibrant blue or intense white, or full spectrum RGBW* colour. The blue 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 sport 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 fibreglass, timber, steel, and composite hulls. Only mount on aluminium hulled vessels with a suitable isolation spacer.

Lumen	6000 (White)	
Lens Material	Heavy duty Grilamid®	
Base Material	Marine grade bronze	
Colour Temperature	5000K (White)	
Pre-wired Cable	2.5m / 8.2ft, marine cable	
Operating Voltage	Multivolt™ 9-32V DC, 12/24V DC Nominal	
Power Consumption	White / Blue	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 / IP69	
Weight (incl. cable)	White / Blue 1020	RGBW 1080g
Approvals	EN55015 / CISPR 15, IEC60533, IEC61547, ICES-005	

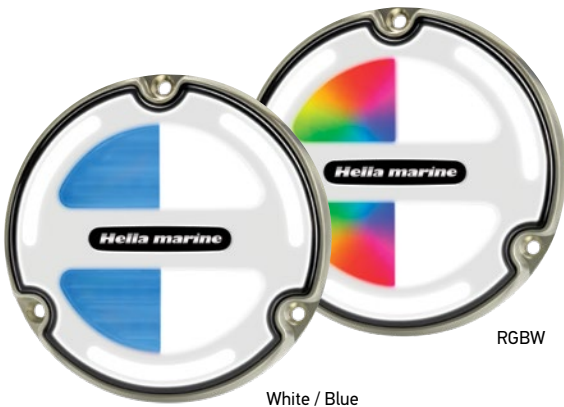
Light Colour	White Lens
White / Blue	2LT 016 830-001
RGBW	2LT 016 831-001

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



(Diagrams not to scale)

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





EuroLED 95

DOWN LIGHTS



Style, functionality, performance, energy efficiency and long-lasting illumination, EuroLED 95 lighting is an elegant addition to any vessel.

The smooth, diffused lens creates a comfortable and uniform appearance, while high output LEDs produce over 420 lumen 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.

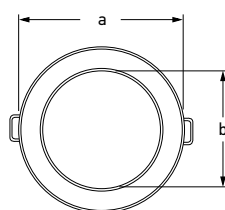
A high colour rendering index of 85+ (CRI) also ensures object and surface colours are replicated naturally. Optional red and blue secondary LED colours also add increased functionality.



High colour rendering Index for natural colour reproduction

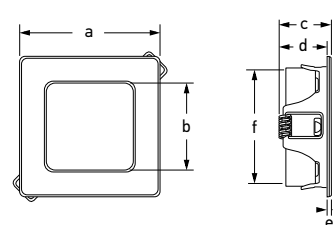
EuroLED 95 Down Light - Spring Mount

Power Consumption	<6W (<0.5A@12V / <0.25A@24V)
Lumen	420 lumen
Beam Angle / CRI	900 / 85 CRI
Operating Voltage	Multivolt™ 9-33V DC
Protection	IP6K9K (Completely sealed) IP67
Rim Material	Highly Polished 316 Stainless Steel
Cable	Pre-wired with 120mm marine cable
Colour Temperature	5000K (White) , 2700K (Warm White)
Dimming	Via PWM



Dimensions:

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



Dimensions:

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

Round Lamps

Light Colour	Mounting	Round polished stainless steel rim
White / Red	Spring	2JA 958 340-101
Warm White / Red	Spring	2JA 958 340-121
White / Blue	Spring	2JA 958 340-111
Warm White / Blue	Spring	2JA 958 340-131
White	Spring	2JA 958 340-011
Warm White	Spring	2JA 958 340-021

Square Lamps

Light Colour	Mounting	Square polished stainless steel rim
White / Red	Spring	2JA 958 340-601
Warm White / Red	Spring	2JA 958 340-621
White / Blue	Spring	2JA 958 340-611
Warm White / Blue	Spring	2JA 958 340-631
White	Spring	2JA 958 340-511
Warm White	Spring	2JA 958 340-521



Dual Colour



Single Colour



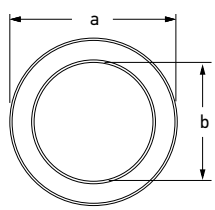
Dual Colour



Single Colour

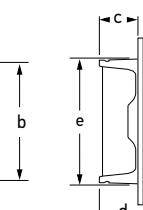
EuroLED 95 Down Light - Screw Mount

Power Consumption	6W (0.5A@12V / 0.25A@24V)
Lumen	420 lumen
Beam Angle / CRI	900 / 85 CRI
Operating Voltage	Multivolt™ 9-33V DC
Protection	IP6K9K (Completely sealed) IP67
Rim Material	Polished 316 Stainless Steel / White
Cable	Pre-wired with 120mm marine cable
Colour Temperature	5000K (White) , 2700K (Warm White)
Dimming	Via PWM



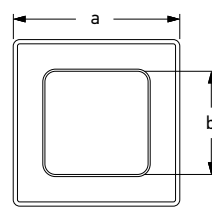
White Rim

a = 96.2mm (3.8")
b = 68mm (2.7")
c = 22.2mm (0.9")
d = 27.7mm (1.09")
e = 72mm (2.83")



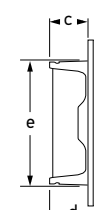
Stainless Steel Rim

a = 95mm (3.74")
b = 68mm (2.7")
c = 22.2mm (0.9")
d = 27.1mm (1.07")
e = 72mm (2.83")



White Rim

a = 80mm (3.15")
b = 48.0mm (1.85")
c = 22.2mm (0.9")
d = 27.7mm (1.09")
e = 72mm (2.83")



Stainless Steel Rim

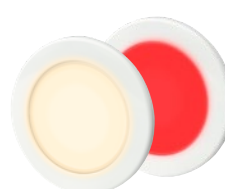
a = 79mm (3.11")
b = 48.0mm (1.9")
c = 22.2mm (0.9")
d = 27.3mm (1.07")
e = 72mm (2.83")

Round Lamps

Light Colour	Mounting	White rim	Polished stainless steel rim
White / Red	Screw	2JA 958 340-061	2JA 958 340-161
White / Blue	Screw	2JA 958 340-081	2JA 958 340-181
Warm White / Red	Screw	2JA 958 340-071	2JA 958 340-171
Warm White / Blue	Screw	2JA 958 340-091	2JA 958 340-191

Square Lamps

Light Colour	Mounting	White rim	Polished stainless steel rim
White / Red	Screw	2JA 958 340-561	2JA 958 340-661
White / Blue	Screw	2JA 958 340-581	2JA 958 340-681
Warm White / Red	Screw	2JA 958 340-571	2JA 958 340-671
Warm White / Blue	Screw	2JA 958 340-591	2JA 958 340-691

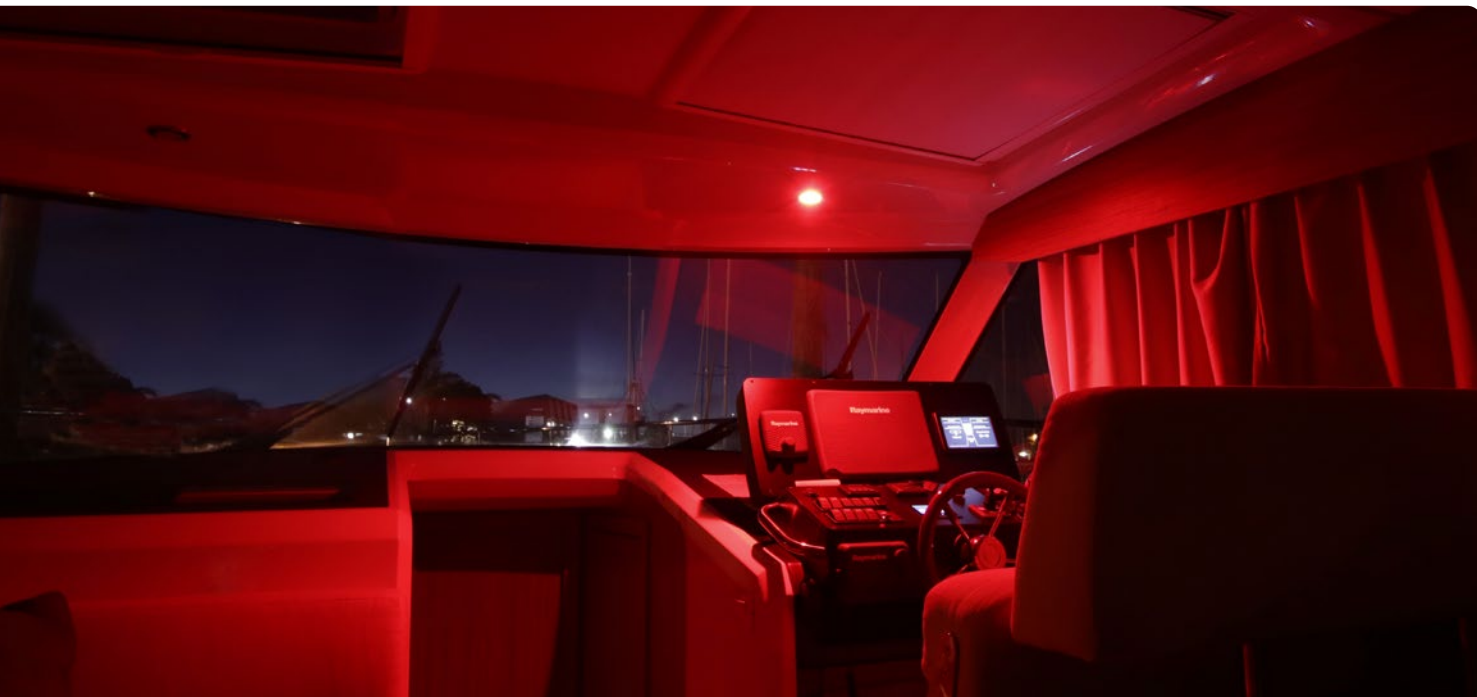


White Rim



Polished Stainless Steel Rim





EuroLED 75

DOWN LIGHTS



Stylish and energy efficient LED down lights for interior and exterior applications with a single or dual colour function.

Leading LED technology delivers exceptional colour rendering, reproducing colours in their natural richness. Producing an impressive output of 190 actual lumens, with a diffused lens, creates a bright, broad and even illumination, replicating the pleasing appearance of a traditional round lamp.

Suitable for interior and exterior applications, wet or dry, EuroLED 75 lamps are completely sealed (IP67 rated). Manufactured using high-grade materials these lamps will not corrode, fade or embrittle in the harsh marine environment.



Cabin illuminated with multiple Warm white EuroLED 75's (Photo above), with an additional EuroLED 75 dual colour (Red) above the helm (Photo top of page).



Original cabin lighting.

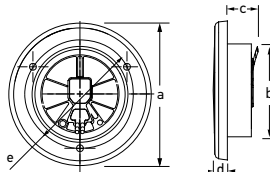


EuroLED 75 lighting upgrade.

EuroLED 75 Dual Colour

Power Consumption	3W (<0.19A @ 12V DC)
Lumen	190 lumen
Beam Angle / CRI	800 / 85 CRI
Operating Voltage	12V DC (9-16VDC)
Protection	IP6K7 & IP6K9K (Completely sealed)
Rim material	UV resistant plastic or 316 stainless steel
Cable	Pre-wired with 120mm marine cable
Colour Temperature	5000K (White) , 2700K (Warm White)
Dimming	Via PWM or Voltage Resistive dimmer

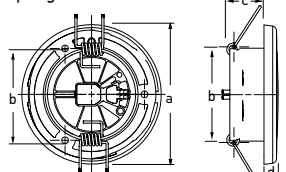
Screw Mount



Dimensions:

a = 72.0mm (2.83") with stainless rim
 75.0mm (2.95") with plastic rim
 b = 50.0mm (1.96") with screw mounting
 54.0mm (2.12") with spring mounting

Spring Mount



c = 16.0mm (0.63") with screw mounting
 20.5mm (0.81") with spring mounting
 d = 7.5mm (0.29")
 e = 57.0mm (2.24") PCD

Round Lamps

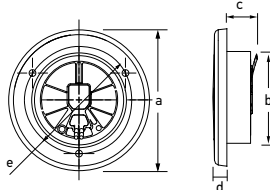
Light Colour	Voltage	Mount Type	White Plastic Rim	Stainless Steel Rim
Red / White	12V	Screw	2JA 015 247-011	2JA 015 247-021
Red / Warm White	12V	Screw	2JA 015 247-111	2JA 015 247-121
Red / White	12V	Spring Clip	2JA 015 247-511	2JA 015 247-521
Red / Warm White	12V	Spring Clip	2JA 015 247-611	2JA 015 247-621



EuroLED 75 Single Colour

Power Consumption	3W (<0.19A @ 12V DC)
Lumen	190 lumen
Beam Angle / CRI	800 / 85 CRI
Operating Voltage	12V DC (9-16VDC)
Protection	IP6K7 & IP6K9K (Completely sealed)
Rim material	UV resistant plastic or 316 stainless steel
Cable	Pre-wired with 120mm marine cable
Colour Temperature	5000K (White) , 2700K (Warm White)
Dimming	Via PWM or Voltage Resistive dimmer

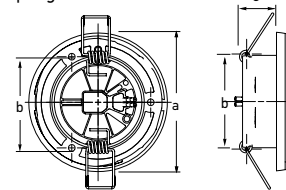
Screw Mount



Dimensions:

a = 72.0mm (2.83") with stainless rim
 75.0mm (2.95") with plastic rim
 b = 50.0mm (1.96") with screw mounting
 54.0mm (2.12") with spring mounting

Spring Mount



c = 16.0mm (0.63") with screw mounting
 20.5mm (0.81") with spring mounting
 d = 7.5mm (0.29")
 e = 57.0mm (2.24") PCD

Round Lamps

Light Colour	Voltage	Mounting	White Plastic Rim	Stainless Steel Rim
White	12V	Screw	2JA 958 110-011	2JA 958 110-021
White	24V	Screw	2JA 958 110-111	2JA 958 110-121
Warm White	12V	Screw	2JA 958 109-011	2JA 958 109-021
Warm White	24V	Screw	2JA 958 109-111	2JA 958 109-121
White	12V	Spring	2JA 958 110-511	2JA 958 110-521
White	24V	Spring	2JA 958 110-611	2JA 958 110-621
Warm White	12V	Spring	2JA 958 109-511	2JA 958 109-521
Warm White	24V	Spring	2JA 958 109-611	2JA 958 109-621



Square Lamps

Light Colour	Voltage	Mounting	White Plastic Rim	Chrome Plastic Rim
White	12V	Screw	2JA 015 014-011	2JA 015 014-021
White	24V	Screw	2JA 015 014-111	2JA 015 014-121
Warm White	12V	Screw	2JA 015 014-211	2JA 015 014-221
Warm White	24V	Screw	2JA 015 014-311	2JA 015 014-321





EuroLED 130 & 150

DOWN LIGHTS



Hella marine touch technology makes lighting control beautifully simple.

Touch the red pad for red light, the white pad for white light. Hold a finger on the pad for two seconds and the lamp will cycle through increasing / decreasing intensity levels. Release at the intensity level required.

Dual colour EuroLED lamps may also be remotely operated from multiple points via momentary switches. Holding an external switch for two seconds will synchronise the lamps to the same colour and/or intensity level.

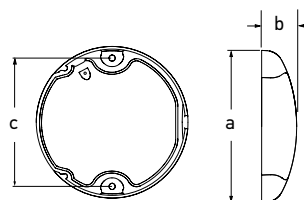
Light levels are stored by the lamps circuitry, even when a vessel's batteries are turned off. The lamp will turn on at the colour intensity previously set, regardless of power interruption.



High colour rendering Index for natural colour reproduction

EuroLED 130 Lamps

Lens material	UV resistant enhanced impact acrylic
Shroud material	Heavy duty nylon
Colour Temperature	5000K (White)
Cable	Pre-wired with 2.5m of marine cable
Operating Voltage	Multivolt™ 9-33V DC
Power Consumption	4.0W (0.33A@12V / 0.17A@24V)
Protection	IP 67 (Completely Sealed)
Approvals	ISO 8846 (Ignition Protection)



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

Dual Colour EuroLED Touch 130 Lamps

Light Colour	White shroud	Black shroud
White / Red	2JA 959 950-121	2JA 959 950-111
White / Blue	2JA 959 951-121	2JA 959 951-111



Single Colour EuroLED Touch 130 Lamps

Light Colour	White shroud	Black shroud
White	2JA 959 950-521	2JA 959 950-511



EuroLED 130 Spacer Rings
Black 8HG 959 952-002
White 8HG 959 952-012

Single Colour EuroLED 130 Lamps (no switching)

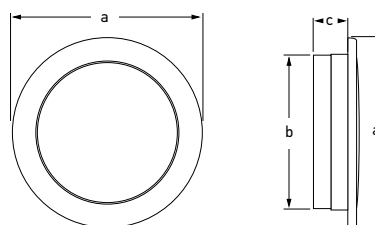
Light Colour	White shroud	Black shroud
White	2JA 959 820-521	2JA 959 820-511



EuroLED 130 Shroud
Black 9HD 959 027-002
White 9HD 959 027-012

EuroLED 150 Lamps

Lens material	UV resistant enhanced impact acrylic
Rim material	UV resistant plastic. 316 stainless steel
Colour Temperature	5000K (White) 3000K (Warm White)
Cable	Pre-wired with 500mm of marine cable
Operating Voltage	Multivolt™ 9-33V DC
Power Consumption	4.0W (0.33A@12V / 0.17A@24V)
Protection	IP 67 (Completely Sealed)



Dimensions:
a = 150mm (5.90")
b = 124mm (4.88")
c = 20mm (0.79")

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

Dual Colour EuroLED Touch 150 Lamps

Light Colour	White plastic rim	Stainless steel rim
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



Single Colour EuroLED Touch 150 Lamps

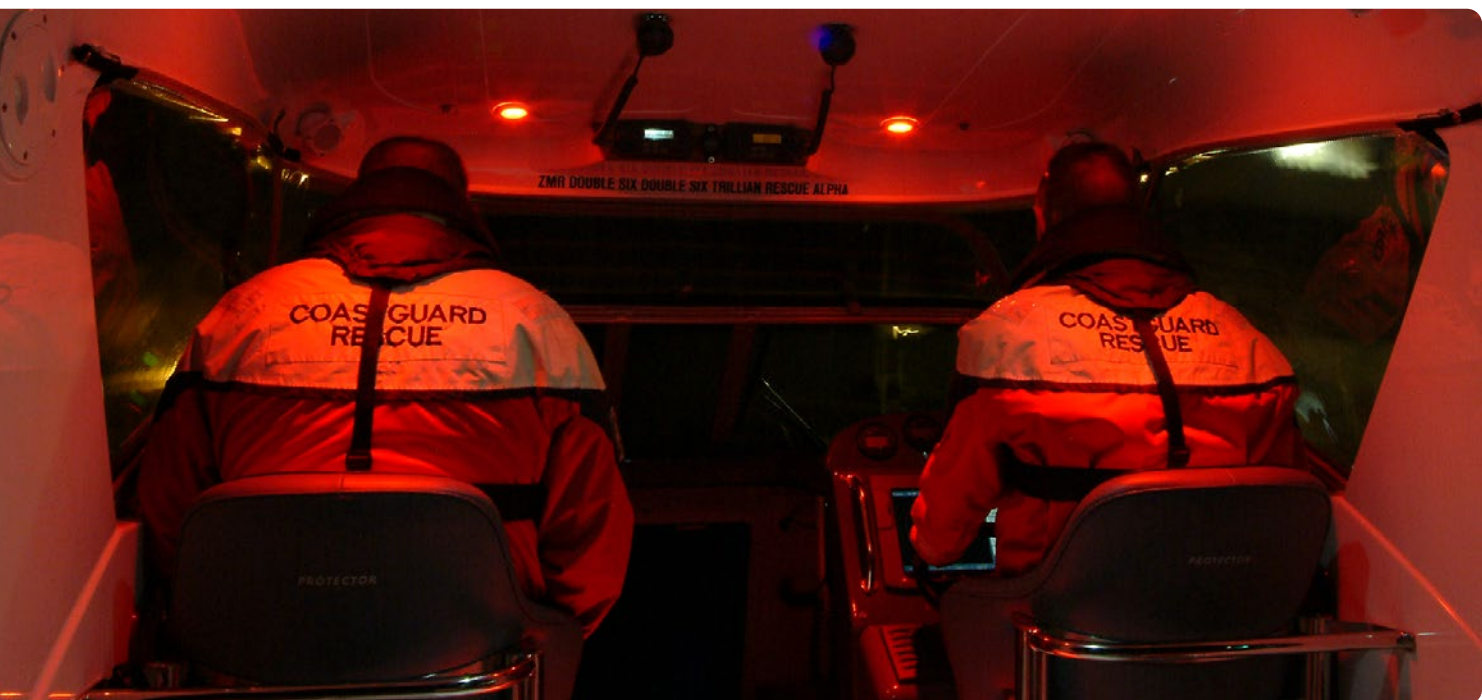
Light Colour	White plastic rim	Stainless steel rim
White	2JA 980 630-501	2JA 980 630-511
Warm White	2JA 980 630-601	2JA 980 630-611



Single Colour EuroLED 150 Lamps (no switching)

Light Colour	White plastic rim	Stainless steel rim
White	2JA 980 631-501	2JA 980 631-511
Warm White	2JA 980 631-601	2JA 980 631-611





Flexi-Spot

CHART TABLE LAMPS



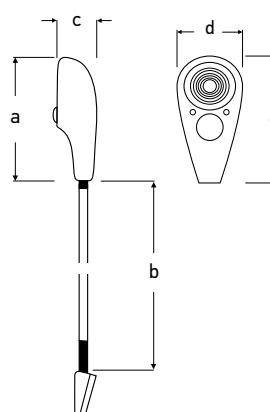
Energy efficient lamps for a variety of interior applications including chart table and navigation area lighting, berth lighting and adjustable reading lights.

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.



Housing Description	UV and impact resistant plastic	
Arm material	Single colour - Coated steel arm Dual colour red / white - 316 stainless arm	
Cable	Pre-wired with 120mm of cable	
Operating Voltage	Multivolt™ 9-31V DC	
Power Consumption	<2W (<0.16A@12V / <0.08A@24V)	
Protection	IP 53	
Weight	150mm - 130g (including cable) 400mm - 230g (including cable)	

Light Colour	150mm Shaft	400mm Shaft
White / Red	2JA 343 720-522	2JA 343 720-622
White	2JA 346 720-022	2JA 346 720-122
Red	2JA 346 720-057 (Bulk - 24 pcs)	



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

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

WORLD LEADING MARINE LIGHTING



ENERGY EFFICIENT, RELIABLE & ULTRA DURABLE



Strip Lamps

INTERIOR / EXTERIOR



Featuring an innovative waterproof switch, Hella marine strip lamps offer an ultra-low profile design and are completely sealed for interior and exterior installations.

Combining impressive light performance and low energy consumption, strip lamps are ideal to replace bulky fluorescent lighting. With 250 lumens (White) and a high CRI rating of 85 these elegant fittings enhance with bright and accurate illumination.

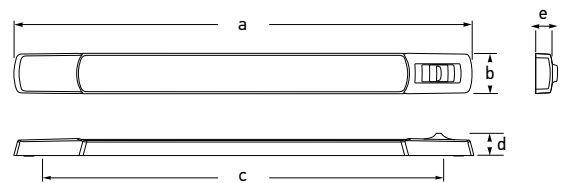
The sealed switch prevents moisture entering the electronics, while the low profile design offers an effortless installation almost anywhere on board. Fastenings at each end of the lamp body are covered by snap-on end caps for a modern appearance.

Purpose designed for the harsh marine environment, surface mount strip lamps are salt water durable and ideal for interior and exterior, wet or dry applications.



Surface Mount Interior Lamps

Lens Material	UV resistant enhanced impact 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	9-16V DC / 18-32V DC
Power Consumption	White <3.0W (<0.25A@12V / < 0.16A@24V)
Protection	IP 67 (Completely Sealed)
Weight	75g (including cable)



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

Surface mount strip lamps with switches

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

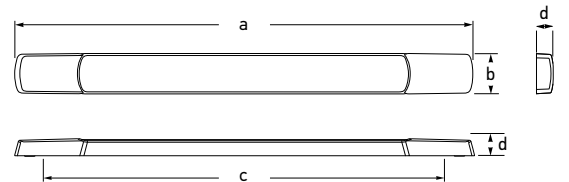


Surface mount strip lamps - Non switched

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 Courtesy Intensity Strip Lamps

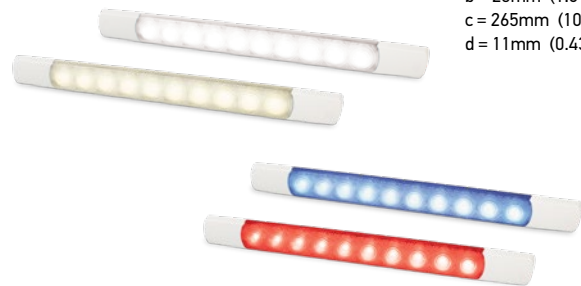
Lens Material	UV resistant enhanced impact acrylic
Colour Temperature	5000K (White) 2700K (Warm White)
Dimming	Hella marine Dimmer 5XA 998 572-001
Cable	Pre-wired with 500mm of marine cable
Operating Voltage	12V DC or 24V DC
Power Consumption	White 1.5W (0.13A@12V / 0.06A@24V)
Protection	IP 67 (Completely Sealed)
Weight	75g (including cable)



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

Surface mount courtesy intensity strip lamps - Non switched

Light Colour	12V	24V
White	2JA 980 881-012	2JA 980 881-112
Warm White	2JA 980 881-212	2JA 980 881-312
Blue	2JA 980 881-402	2JA 980 881-502
Red	2JA 980 881-602	2JA 980 881-702



Strip Lamp Accessories

Accessory	Product Code
45° Mounting Bracket White	8HG 958 000-011
45° Mounting Bracket Charcoal	8HG 958 000-021
White Switch Caps	9HD 958 108-822
Charcoal Switch Caps	9HD 958 108-832



45° Mounting Bracket White



Step Lighting

SURFACE & FLUSH MOUNT



Attractive, compact and energy efficient LED courtesy lighting for interior and exterior applications.

Light is radiated downward at an angle of 30° making these lamps ideal for safely illuminating on board areas such as steps, stairs, toe kicks, storage areas, companion ways, deck fittings, signs and switches.

Hella marine step lamps are completely sealed, shock and vibration resistant and represent reliable 'fit and forget' technology. Multivolt™ electronics ensure constant light output in 12V or 24V DC systems.

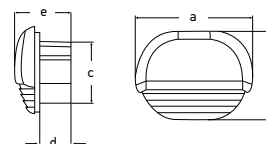
Each lamp is pre-wired with marine cable and supplied with stainless steel screws.



Surface and flush mount models for unobtrusive safety lighting

Easy Fit Step Lamps

Lens Material	UV resistant enhanced impact acrylic
Cap Material	White plastic, chrome plated plastic, polished 316 stainless
Cable	Pre-wired with 100mm of marine cable
Operating Voltage	Multivolt™ 9-32V DC
Power Consumption	0.5W (<0.04A@12V / <0.02A@24V)
Protection	IP 67 (Completely Sealed)
Weight	Stainless Cap - 30g (including cable) Plastic Cap - 15g (including cable)



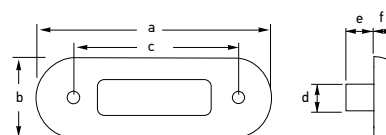
Dimensions:
a = 45mm (1.77")
b = 31.5mm (1.24")
c = 25.4mm (1.00")
d = 14mm (0.55")
e = 22.7mm (0.89")



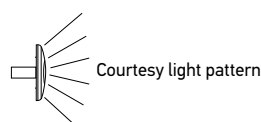
Light Colour	Chrome Plated Cap	White Plastic Cap	Stainless Steel Cap
White	2JA 958 126-001	2JA 958 126-011	2JA 958 126-031
Warm White	2JA 958 126-401	2JA 958 126-411	2JA 958 126-431
Blue	2JA 958 126-101	2JA 958 126-111	2JA 958 126-131
Red	2JA 958 126-201	2JA 958 126-211	2JA 958 126-231

Surface Mount Oblong Courtesy Lamps

Lens Material	UV resistant enhanced impact Grilamid®
Cap Material	316 stainless steel
Cable	Pre-wired with 120mm of marine cable
Operating Voltage	Multivolt™ 12 / 24V DC
Power Consumption	0.5W (<0.04A@12V / <0.02A@24V)
Protection	IP 67 (Completely Sealed)
Weight	35g (including cable)



Dimensions:
a = 84mm (3.31")
b = 29mm (1.14")
c = 58mm (2.28")
d = Ø10mm (0.39")
e = 10mm (0.39")
f = 9mm (0.35")

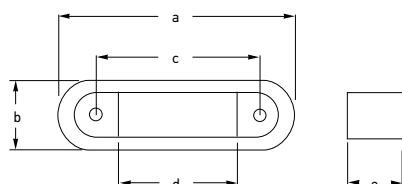


Light Colour	Polished Stainless Steel Cap
White	2XT 980 869-301
Warm White	2XT 980 869-401
Blue	2XT 980 869-601
Red	2XT 980 869-501

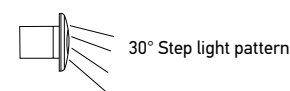


Flush Mount Oblong Step Lamps

Lens Material	UV and impact resistant plastic
Cap Material	316 Stainless Steel
Cable	Pre-wired with 120mm of marine cable
Operating Voltage	Multivolt™ 12 / 24V DC
Power Consumption	0.5W (<0.04A@12V / <0.02A@24V)
Protection	IP 67 (Completely Sealed)
Weight	35g (including cable)



Dimensions:
a = 84mm (3.31")
b = 29mm (1.14")
c = 59mm (2.32")
d = 44mm (1.73")
e = 20mm (0.87")



Light Colour	Polished Stainless Cap	Satin Stainless Cap
White	2XT 959 680-811	2XT 959 680-851
Warm White	2XT 959 680-411	2XT 959 680-431
Blue	2XT 959 680-611	2XT 959 680-811
Red	2XT 959 680-711	2XT 959 680-731





Slim Line

COURTESY LIGHTING



Energy efficient Slim Line courtesy lamps can be installed almost anywhere on board.

Advanced lens technology provides a uniform spread of soft light without glare or eye strain. Each lamp is completely sealed, highly shock, impact and vibration resistant, perfectly suited for the demanding marine environment.

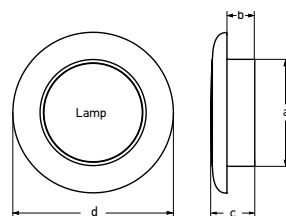
Hella marine courtesy lamps feature an ultra low energy consumption of less than 0.5W (less than 0.04A@12V). This provides safer installation into light weight materials where the heat of incandescent lamps may cause damage to the surrounding structure.



Low profile for unobtrusive, uniform illumination wherever required

Round Slim Line Lamps

Lens Material	UV resistant enhanced impact acrylic
Rim Material	UV resistant plastic. 316 stainless steel
Dimming	Hella marine Dimmer 5XA 998 572-001
Cable	Pre-wired with 120mm of marine cable
Operating Voltage	12V DC or 24V DC
Power Consumption	<0.5W (<0.04A@12V / <0.02A@24V)
Protection	IP 67 (Completely Sealed)
Mounting	Stainless steel screws included



Dimensions:
a = 50.0mm (1.97")
b = 13.0mm (0.51")
c = 21.0mm (0.83")
d = 75.0mm (2.95") with plastic rim
72.0mm (2.83") with stainless steel rim
e = 75.0mm (2.95")
f = 15.0mm (0.59")

White Light Round Lamps*

Rim Finish	12V	24V
Polished stainless rim	2XT 980 500-521	2XT 980 501-521
White plastic rim	2XT 980 500-541	2XT 980 501-541

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

Warm White Round Lamps*

Rim Finish	12V	24V
Polished stainless rim	2XT 980 500-721	2XT 980 501-721
White plastic rim	2XT 980 500-741	2XT 980 501-741

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

Blue Light Round Lamps

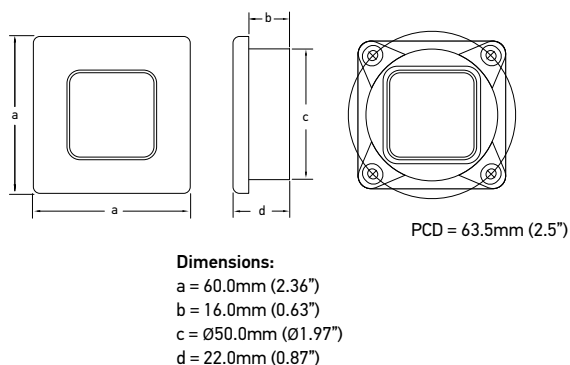
Rim Finish	12V	24V
Polished stainless rim	2XT 980 502-221	2XT 980 503-221
White plastic rim	2XT 980 502-241	2XT 980 503-241

Red Light Round Lamps

Rim Finish	12V	24V
Polished stainless rim	2XT 980 507-221	2XT 980 508-221
White plastic rim	2XT 980 507-241	2XT 980 508-241

Square Slim Line Lamps

Lens Material	UV resistant enhanced impact acrylic
Rim Material	UV resistant plastic. 316 stainless steel
Dimming	Hella marine Dimmer 5XA 998 572-001
Cable	Pre-wired with 120mm of marine cable
Operating Voltage	12V DC or 24V DC
Power Consumption	<0.5W (<0.04A@12V / <0.02A@24V)
Protection	IP 67 (Completely Sealed)
Mounting	Stainless steel screws included



White Light Square Lamps*

Rim Finish	12V	24V
Chrome plated rim	2XT 980 580-571	2XT 980 581-571
White plastic rim	2XT 980 580-551	2XT 980 581-551

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

Warm White Light Square Lamps*

Rim Finish	12V	24V
Chrome plated rim	2XT 980 580-771	2XT 980 581-771
White plastic rim	2XT 980 580-751	2XT 980 581-751

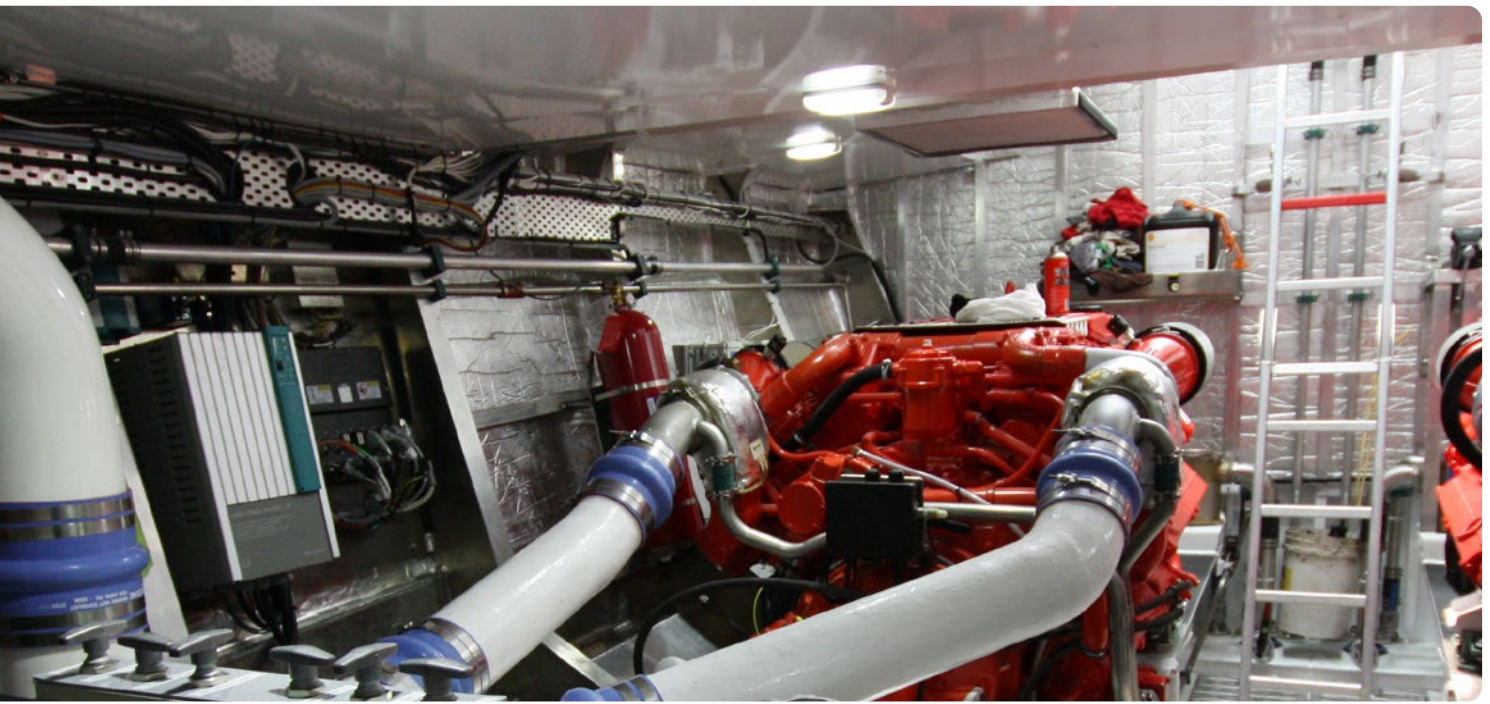
*Includes a surface mounting spacer ring and stainless steel screws.

Blue Light Square Lamps

Rim Finish	12V	24V
Chrome plated rim	2XT 980 582-271	2XT 980 583-271
White plastic rim	2XT 980 582-251	2XT 980 583-251

Red Light Square Lamps

Rim Finish	12V	24V
Chrome plated rim	2XT 980 587-271	2XT 980 588-271
White plastic rim	2XT 980 587-251	2XT 980 588-251



DuraLED

UTILITY LIGHTING



DuraLED lamps are purpose designed for engine rooms and other heavy duty applications where reliability must not be compromised.

DuraLED lamps feature precision optics to disperse light in a very wide spread illumination without glare under decks and low vertical spaces.

Multivolt™ circuitry provides constant illumination and circuit protection on 12 or 24 volt DC systems, even under severe voltage fluctuations. Spike protection, reverse polarity protection and over-voltage protection are all built-in benefits of the sophisticated electronics inside. DuraLED 50LP is ISO Ignition Protected for safe and certified installation near flammable gas sources.

Fastening loads are taken up by a heavy duty nylon bush to eliminate possible stress on the lamp housing.



Lamp Type	DuraLED 12	DuraLED 20	DuraLED 36	DuraLED 50 LP	DuraLED 50 Red / White
Lux @1m	56 Lux	350 Lux	450 Lux	Spread 1650 Lux Wide Spread 375 Lux	660 Lux
Light Angle	120°	64°		Spread 36° Wide Spread 100°	64°
Colour Temperature	5000 K (White)				
Material Description	UV resistant enhanced impact acrylic				
Pre-wired Cable Length	500mm	2.5M			
Operating Voltage	9-33V DC				
Power Consumption	<2.5W (<0.20A@12V)	<4W (<0.33A@12V)	<7W (<0.51A@12V)	12W (0.10A@12V)	<10W (<0.8A@12V)
Weight (including cable)	115g	345g		450g	450g
Operating Temperature	-40°C to +60°C / -40°F to 140°F				
Protection	IP67 (Completely Sealed)				
Approvals	CE, ISO 8846 (Ignition Protection)				

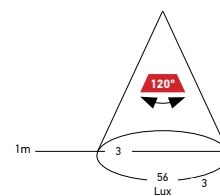
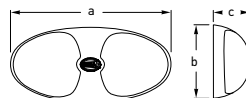
DuraLED 12

Power Consumption	2.5W
Lux @ 1m	56
Beam Angle	120°

Light Colour	Switch	Non Switch
White	2JA 980 704-001	2JA 959 700-101



Dimensions
a = 140mm (5.51")
b = 65.0mm (2.56")
c = 32.0mm (1.26")



5000 K - 12 LED

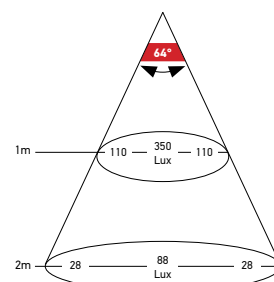
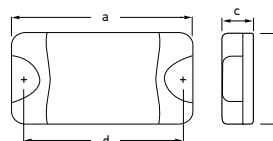
DuraLED 20

Power Consumption	4W
Lux @ 1m	350
Beam Angle	60°

Light Colour	Spread lens
White	2JA 980 608-001



Dimensions
a = 177mm (6.97")
b = 100mm (3.94")
c = 30.0mm (1.18")
d = 148mm (5.83")



5000 K - 20 LED

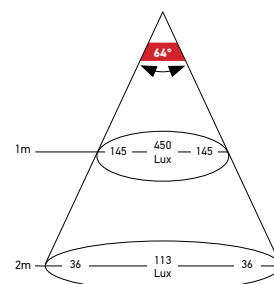
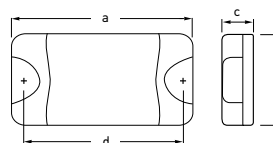
DuraLED 36

Power Consumption	7W
Lux @ 1m	450
Beam Angle	62°

Light Colour	Spread lens
White	2JA 959 037-521



Dimensions
a = 177mm (6.97")
b = 100mm (3.94")
c = 30.0mm (1.18")
d = 148mm (5.83")



5000 K - 36 LED

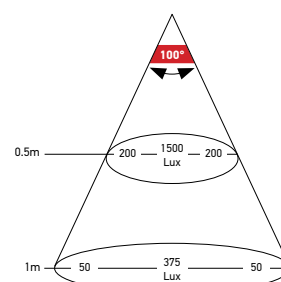
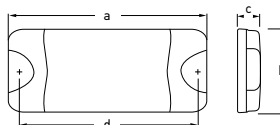
DuraLED 50 Low Profile (LP)

Power Consumption	12W (White)
Lux @ 1m	Spread: 1650 Lux Wide Spread: 375 Lux
Beam Angle	Spread: 36° Wide: 100°

Light Colour	Spread lens	Wide Spread lens
White	2JA 980 629-001	2JA 980 629-501



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

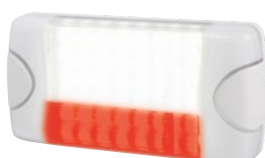


5000 K - 50 LED
Wide Spread

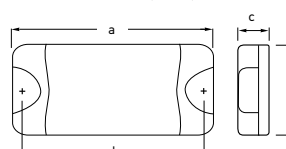
DuraLED 50 Red / White

Power Consumption	10W (White)
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Light Colour	Spread lens
White / Red	2JA 980 604-061



Dimensions:
a = 222mm (8.74")
b = 96mm (3.78")
c = 31mm (1.22")
d = 193mm (7.60")





FMS

LOW PROFILE DECK LAMPS



FMS low profile and powerful LED deck lamps for integrated installations above side decks, along superstructures and more.

Hella marine introduces the FMS, low profile, compact, yet powerful lamps purpose designed to integrate discretely into tight spaces and exterior recesses. With a protrusion of only 38mm (1 ½ inches) the FMS is sleek and unobtrusive.

Two light intensities are offered, FMS1200 with 1200 lumen, and the FMS2500 with a powerful 2500 lumens of even, close-range illumination directly underneath the lamp.

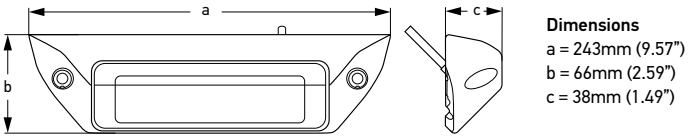
Hella marine LED technology is the answer for energy efficient, completely sealed, shock and vibration resistant lighting. Advanced electronics provide consistent illumination and circuit protection across a range of inputs from 9-32V DC for an ultra long service life.



FMS Deck lamps

Housing Material	Die-cast aluminium, CoroSafe coating
Mounting	Surface mount
Lumen	FMS1200: 1200 lumen FMS2500: 2500 lumen
Colour Temperature	6500K (White)
Cable	Pre-wired with 500mm cable
Operating Voltage	Multivolt™ 12/24V DC (9-32V DC)
Power Consumption	FMS1200: 14W (1.17A@12V DC / 0.58A@24V DC) FMS2500: 28W (2.33A@12V DC / 1.17A@24V DC)
Protection	IP6K9K, IP6K8
Weight	600g

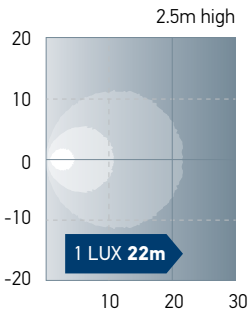
Lamp Type	Black Housing	White Housing
FMS1200	1GB 996 098-001	1GB 996 098-501
FMS2500	1GB 996 098-011	1GB 996 098-511



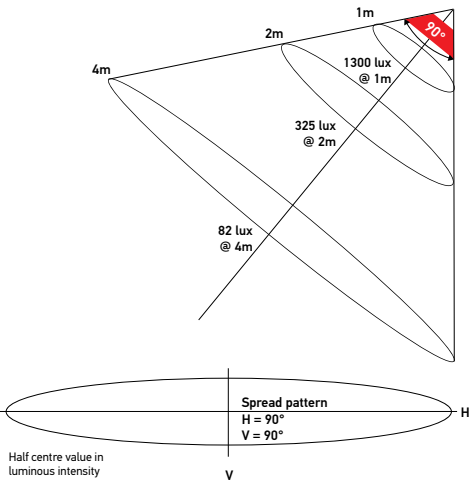
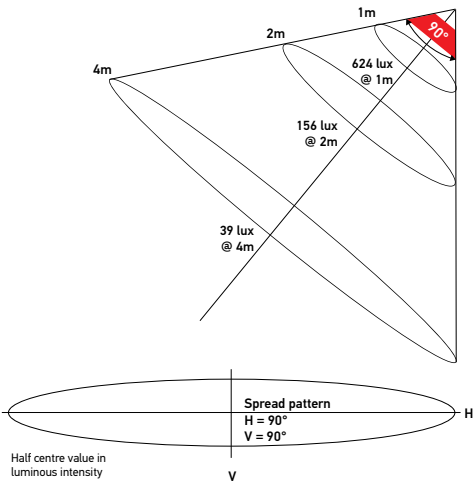
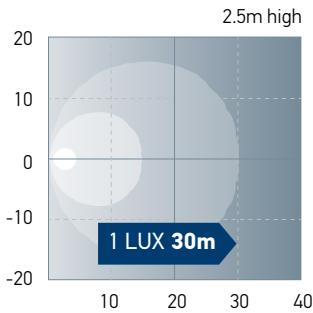
Dimensions
a = 243mm (9.57")
b = 66mm (2.59")
c = 38mm (1.49")



FMS1200 Light Distribution



FMS2500 Light Distribution





Module 70

FLOODLIGHTING



The compact Module 70 LED floodlight is available in high intensity 2100 lumen light output. Designed for proven resistance in extreme operating conditions, with a premium CoroSafe coated housing.

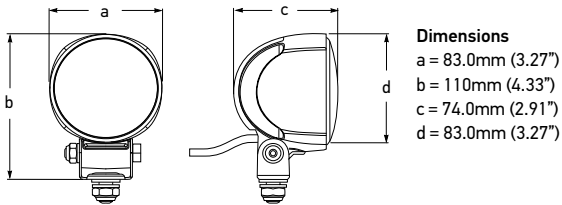
The Module 70 features a 'close to daylight' 6500K colour temperature. Working under this colour of light reduces the fatigue and eye strain sometimes caused by warmer colour halogen lighting.

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.

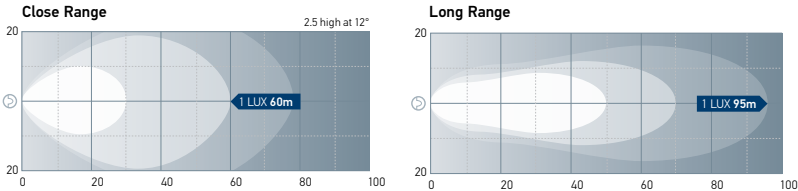


Module 70 Gen 4

Housing Material	Die-cast aluminium, CoroSafe coating
Lumen	2100 lumen
Colour Temperature	6500K (White)
Cable	Pre-wired with 1m cable
Operating Voltage	Multivolt™ 9 -32V DC
Power Consumption	21W (1.75A@12V DC / 0.88A@24V DC)
Protection	IP6K9K, IP 6K8 (Completely sealed)



Dimensions
a = 83.0mm (3.27")
b = 110mm (4.33")
c = 74.0mm (2.91")
d = 83.0mm (3.27")

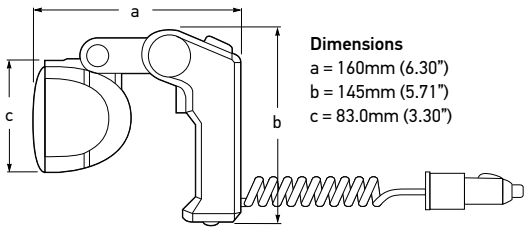


Lens Type	Black Housing	White Housing
Close Range	1G0 996 476-211	1G0 996 476-191
Long Range	1G0 996 476-221	1G0 996 476-201

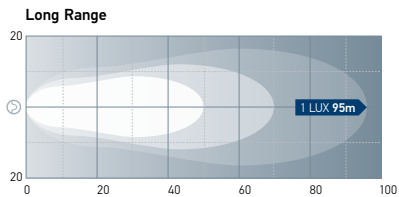


Hand Held Search Lights

Housing Material	Die-cast aluminium, CoroSafe coating
Lumen	2500 lumen
Cable	Spiral cable with cigarette plug (3.5m)
Operating Voltage	Multivolt™ 9 -32V DC
Power Consumption	30W (2.5@12V DC / 1.25A@24V DC)
Protection	IP6K9K, IP 6K8 (Completely sealed)



Dimensions
a = 160mm (6.30")
b = 145mm (5.71")
c = 83.0mm (3.30")



Lens Type	Black Housing
Close Range	1H0 996 476-512
Long Range	1H0 996 476-502



Deck mount
base accessory
8HG 998 519-001





Sea Hawk

LIGHT BARS

High output floodlights in a sleek design offer incredible light intensity, efficiency and durability.

The Sea Hawk is synonymous with performance and durability. New optics now enhance the spotlight function, while retaining the durable corrosion-proof housing and ultra-tough Grilamid® lens.

Proudly designed and manufactured in New Zealand, the Sea Hawk range carries a 5-year warranty. When outstanding light intensity and proven reliability is needed to safely get you home, Sea Hawk Light Bars are the preferred choice.

Sea Hawk-470

The sleek and powerful Sea Hawk-470 range has five light options:

Diffuse flood: extremely wide and even illumination, ideal for areas where a broad amount of light is needed.

Close range: Ideal deck floodlight offering bright light to work under for tasks on deck, docking or loading.

Long range: See further with the powerful long range focus, ideal for locating buoys or other objects in the water.

Combination: Three light options of close range, long range or combined in one compact and versatile lamp.

Pencil Beam with Edge Light: Combines long distance light performance capable of picking out distant objects, and a striking Edge Light using light pipe technology.



Single and double stack configuration using double mounting accessory.

Sea Hawk-350

2200 lumen across all versions without glare:

Spread lamps illuminate a wide, close-range spread over a cockpit, foredeck or working area.

Spot lamps provide a more concentrated illumination for tuna towers, yacht masts or forward facing lighting on a variety of applications.

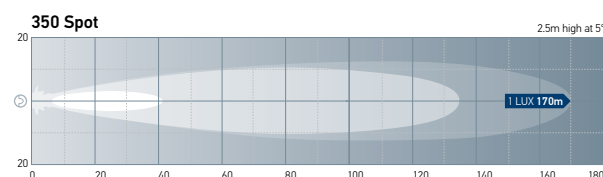
Pencil Beam lamps have a narrower light angle for locating buoys, moorings and objects over longer distances.

Integrated dual outputs

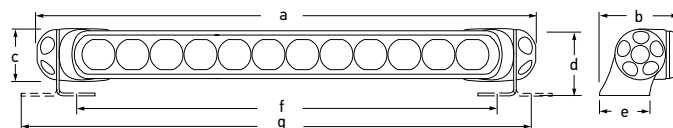
High output (2200 lumen / 25W) and low light (220 lumen / 5W) intensity functions in both Spread and Spot lamps.

Sea Hawk-350

Power Consumption	25W (High), 5W (Low)
Lumen	2200 (High)
Voltage	Multivolt™ 12/24V DC
Body Material	Corrosion proof thermal polymer
Lens Material	Heavy Duty Grilamid®



Lens Type	Black Housing	White Housing
Spread	2LT 958 040-701	2LT 958 040-711
Spot	2LT 958 040-651	2LT 958 040-661
Pencil	2LT 958 040-221	2LT 958 040-231



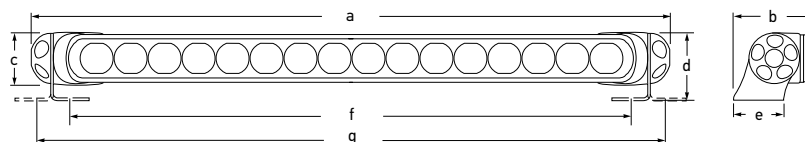
Dimensions

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



Sea Hawk-470

Power Consumption	36W (High), 4W (Low)
Lumen	3600 (Diffused) 2800 (Spot/Spread)
Voltage	Multivolt™ 12-24V DC
Body Material	Corrosion proof thermal polymer
Lens Material	Heavy Duty Grilamid®



Dimensions:

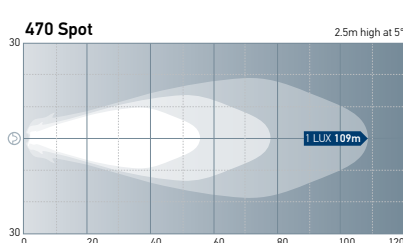
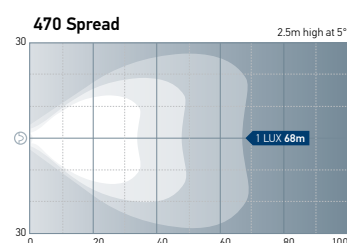
a = 528mm (20.79")
b = 67mm (02.64")

c = 44mm (01.73")
d = 57mm (02.24")
e = 42mm (01.65")

f = 460mm (18.11") (Mounting Hole)
g = 524mm (20.63") (Mounting Hole)



Spot With Spread On The Sides

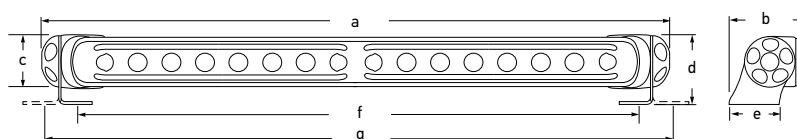


Lens Type	Black Housing	White Housing
Spread	2LT 958 130-601	2LT 958 130-611
Spot	2LT 958 130-631	2LT 958 130-641
Diffused	2LT 958 130-501	2LT 958 130-511
Combi	2LT 958 130-441	2LT 958 130-451

Sea Hawk-470 with Edge Light

Power Consumption	Pencil Beam: 36W, Edge Light: 4W
Maximum Luminous Intensity	113,000 candela
Voltage	Multivolt™ 12-24V DC
Body Material	Corrosion proof thermal polymer
Lens Material	Heavy Duty Grilamid®

Description	Black Housing	White Housing
White Edge Light	2LT 958 140-501	2LT 958 140-511
Blue Edge Light	2LT 958 140-521	2LT 958 140-531



Dimensions:

As per Sea Hawk-470 above

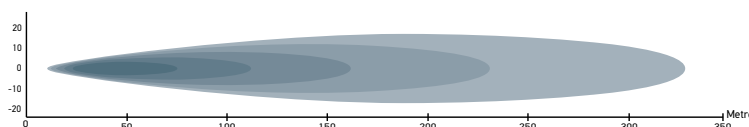


2LT 958 140-501

2LT 958 140-511

2LT 958 140-521

2LT 958 140-531



Double Mounting Bracket

8HG 958 128-811 Accessory

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



Achieved using one connector





Sea Hawk-XL

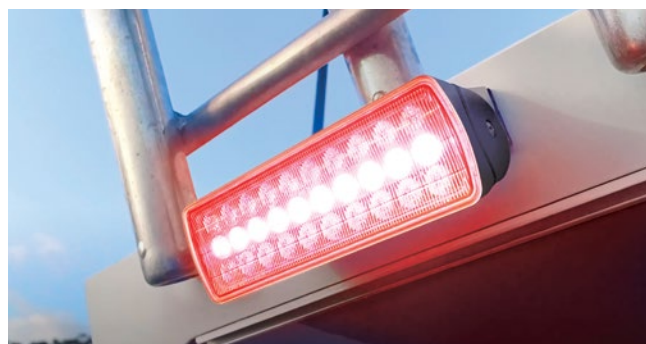
DUAL COLOUR FLOODLIGHTS



Sports fisherman, commercial operators, and ocean racers recognise the 'non-glare' night vision preservation advantages of red lighting.

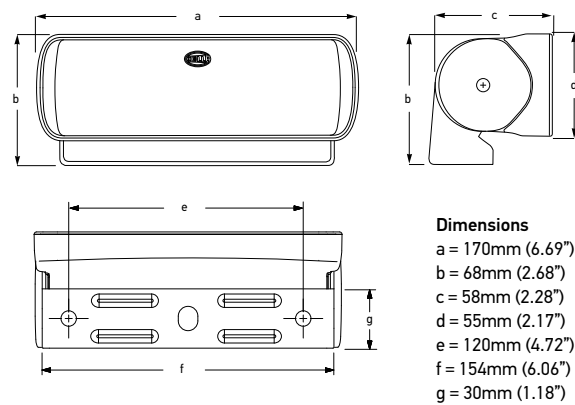
Two rows of bright white light is ideal when working, docking, or landing the big one, while the third row of secondary colour adds versatility. Red is perfect for preserving night vision, blue is a popular and attractive choice when point of difference is needed, while warm white creates added comfort to relax and integrate with interior lighting.

The Sea Hawk-XL continues using the high technology materials. A heavy duty Grilamid® lens provides exceptional impact resistance. The unique thermal polymer housing distributes heat away from internal components and avoids potential corrosion issues associated with metal housings.

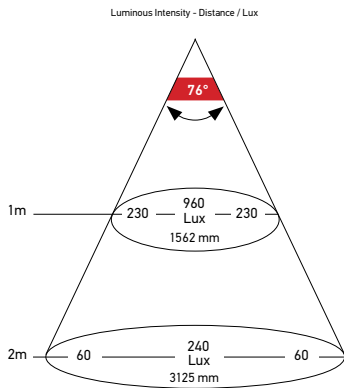
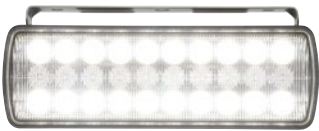
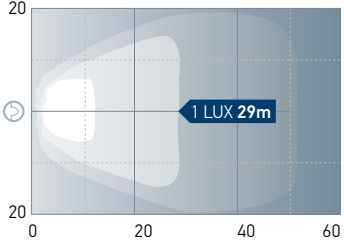


Sea Hawk-XL

Housing Material	Corrosion proof thermal polymer
Lens Material	Heavy duty Grilamid®
Bracket Material	316 Stainless Steel
Lumen	750 lumen
Colour Temperature	5000K (White), 2700K (Warm White)
Cable	Pre-wired with 2.5m marine cable
Operating Voltage	Multivolt™ 9-32V DC
Power Consumption	12W - White LEDs, 6W - Warm White LEDs, 6W - Blue LEDs, 3W - Red LEDs,
Protection	IP67 (Completely sealed)
Weight	750g (including cable)



Beam Pattern Dual Colour - Spread
2.5m high at 10°



Sea Hawk-XL Dual Colour LED Floodlights - SPREAD

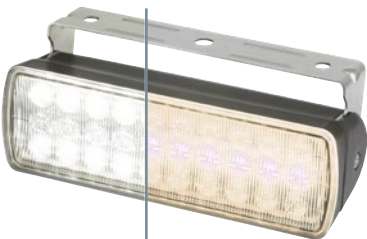
LED Colours	Housing Colour	Part Number
White / Red	Black Housing	2LT 980 950-041
White / Red	White Housing	2LT 980 950-051



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



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-R & XLR

FLOODLIGHTS



Energy efficient Hella marine Sea Hawk lamps are completely sealed, lightweight and ultra durable, offering powerful illumination.

Unique Corrosion Proof Housing

The Sea Hawk range provides unmatched corrosion resistance due to an innovative thermally conductive polymer housing removing corrosion risks in the harsh marine environment.

Fully sealed against dust and water ingress

Suitable for the harshest environments.

Engineered light patterns

Advanced optical systems deliver incredible illumination without glare.

Flexible mounting options

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



Available in recessed mounting configuration.

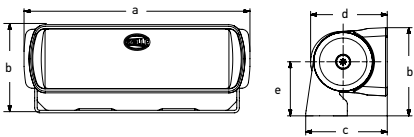


Friction mounts allow adjustment without tools on versions with stainless steel bracket.

Sea Hawk-R

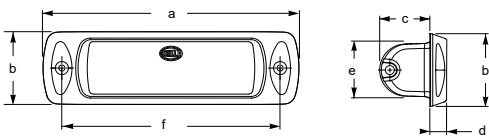
Material Description	Corrosion proof thermal polymer
Lens Material	Heavy duty Grilamid®
Bracket (0573 Series)	316 stainless steel
Light Output	550 lumen
Colour Temperature	5000K (White) 3000K (Warm White)
Operating Voltage	Multivolt™ 9-33V DC
Cable	Pre-wired with marine cable
Protection	IP 67 (Completely Sealed)
Power Consumption	7W (0.58A@12V / 0.29A@24V)

Sea Hawk-R Bracket Mount



Dimensions
a = 136mm (5.35")
b = 53.0mm (2.08")
c = 49.0mm (1.93")
d = 46.0mm (1.81")
e = 32.5mm (1.28")

Sea Hawk-R Recessed Mount



Dimensions
a = 176mm (6.93")
b = 50.0mm (1.97")
c = 35.0mm (1.38")
d = 12.0mm (0.47")
e = 42.0mm (1.65")
f = 150mm (5.91")
g = 132mm (5.20")

Bracket Mount

Colour	Black Housing	White Housing
White	2LT 980 573-011	2LT 980 573-021



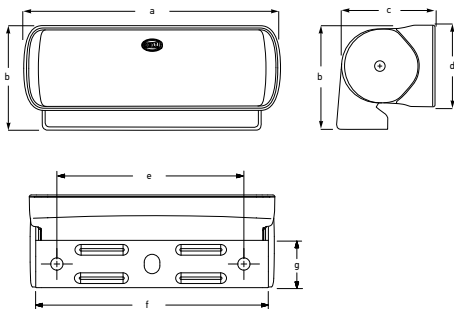
Recessed Mount

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



Sea Hawk-XLR

Housing Material	Corrosion proof thermal polymer
Lens Material	Heavy duty Grilamid®
Bracket Material	316 Stainless Steel
Lumen	1500 lumen
Colour Temperature	5000K (White)
Cable	Pre-wired with 2.5m marine cable
Operating Voltage	Multivolt™ 12 / 24V DC
Protection	IP 67 (Completely Sealed)
Power Consumption	18W (High), 2W (Low)



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")

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





RokLUME

FLOODLIGHTING



Hella marine's relentless 'test to destruction' development programmes have lifted product reliability to new levels. RokLUME lamps endure the worst of vibration, shock and high impact torture tests.

Hella's optical engineering expertise provides highly effective illumination for working vessels. The close range or long range beam pattern options offer a crisp white 'close to daylight' 5000K colour temperature. Working under this colour of light reduces the fatigue and eye strain sometimes caused by warmer colour halogen lighting.

Electromagnetic Compatibility (EMC) is an increasingly relevant safety concern for many emergency and industrial applications. As electronic devices such as LED lamps become more common, so does the risk of unintended electromagnetic interference (EMI) that can have adverse effects on other sensitive devices such as radios or communication equipment.

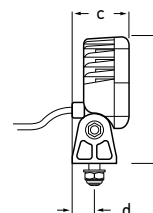
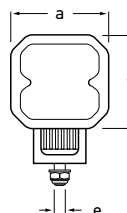


316 stainless steel adjustable bracket firmly holds the lamp to withstand harsh vibration and impact.



RokLUME 155 TP

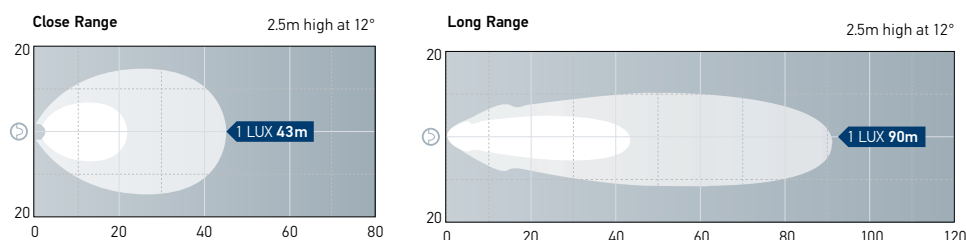
Housing Material	Thermally conductive polymer
Bracket Material	Heavy Duty nylon bracket
Lumen	1200 lumen
Colour Temperature	5000K (Daylight White)
Power Consumption	15W
Operating Voltage	Multivolt™ 9-33V DC
Protection	Reverse polarity and voltage spike protection IP6K7 & IP6K9K - (Protection against dust, prolonged water immersion and high-pressure / steam)
Cable	200 mm with DT socket (Optional 2.0 metre DT Pigtail Loom to be ordered separately)
Weight	410g
Approvals	ECE R10, RCM
Spare Part	9.1551LED.06 DT Pigtail Loom, 2 metres



Dimensions:
a = 95mm (3.74")
b = 144mm (5.67")
c = 57mm (2.24")
d = 23mm (0.90")
e = 10mm (0.39")
f = 90mm (3.54")



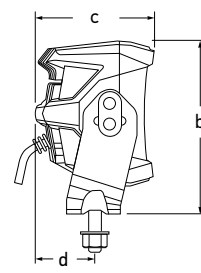
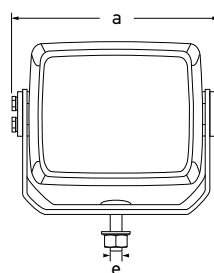
Close Range



Lens Type	Part Number
Close Range	1GA 996 284-051
Long Range	1GA 996 284-061

RokLUME 380 Heavy Duty

Housing Material	Premium aluminium with NanoSafe non-stick coating
Bracket Material	Heavy Duty Stainless Steel
Lumen	7500 lumen
Colour Temperature	5000K (Daylight White)
Power Consumption	84W
Operating Voltage	20V – 32V DC (Nominal 24V)
Protection	Reverse polarity and voltage spike protection IP6K8 & IP6K9K - (Protection against dust and high-pressure/steam jet cleaning)
Cable	DT socket (counter plug supplied)
Weight	2550g
Approvals	ECE R10, RCM



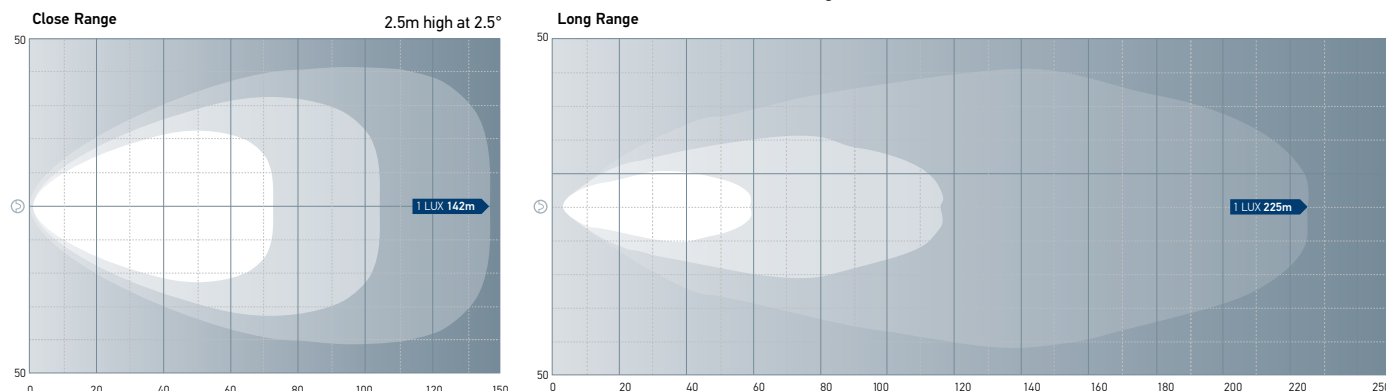
Dimensions:
a = 179mm (7.05")
b = 148mm (5.80")
c = 102mm (4.01")
d = 51mm (2.0")
e = 10mm (0.39")



Close Range



Long Range



Lens Type	Part Number
Close Range	1GA 996 197-011
Long Range	1GA 996 197-021



HypaLUME

FLOODLIGHTING



High performance technology for commercial vessels.
Delivering up to 28,000 lumens, HypaLUME is the most powerful floodlight available from Hella marine.

High Performance

HypaLUME is designed for applications where high output lighting in extreme environments is required. HypaLUME lamps can produce a net output of up to 28,000 lumens whilst consuming less than 300W (AC versions).

Engineered reliability

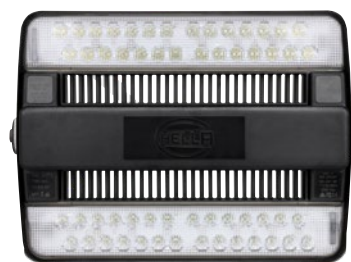
Comprehensive sealing and anti-corrosion measures have been taken to ensure HypaLUME lamps withstand the toughest conditions. The premium aluminium housing is corrosion resistant with a non-stick and easy to clean surface coating.

Proven durable materials

The 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 entire life of the product.

Benchmark working light colour

White 'close to daylight' 5700K colour temperature. Working under this colour of light reduces the fatigue and eye strain often caused by warmer colour halogen lighting.



Heavy duty 316 stainless steel bracket allows vertical angle adjustment.

Secure installation

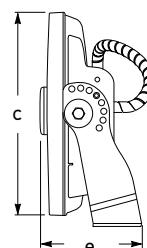
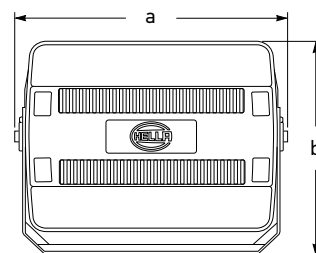
The ultra heavy duty 316 stainless steel bracket firmly grips the HypaLUME to withstand harsh vibration and impact while also providing easy vertical angle adjustment of up to 140°.

Reliable in extreme conditions

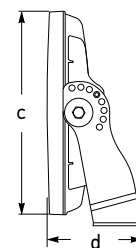
HypaLUME is purpose designed to operate over an extreme temperature range from -40°C to +50°C. Advanced thermal management works to support the class leading 5 year warranty.

HypaLUME

Operating Voltage	100 to 240V AC	22 to 50V DC
Power Consumption	300W max.	260W max.
Lumen	28000 lumen	25000 lumen
Protection	IP66 and IP67 (Protection against dust and high pressure water jets and temporary water immersion) Over-temperature protection	IP6K9K (Fully sealed against dust and high-pressure / steam jet cleaning) Advanced thermal management. Reverse polarity, transient spike and over voltage protection
Cable Length	Supplied with 2.0m of easy plug-in sheathed cable	Supplied with 1.8m of easy plug-in sheathed cable
Connection	Wieland RST Mini - 16A	4 Pin Deutsch plug
Approvals	CE, RCM, FCC, ISO 13766, CISPR25	



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

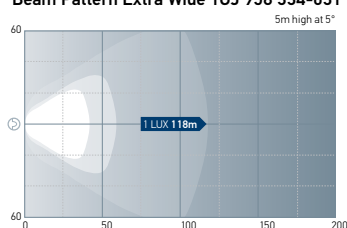
a = 520mm (20.47")

b = 380mm (15.9")

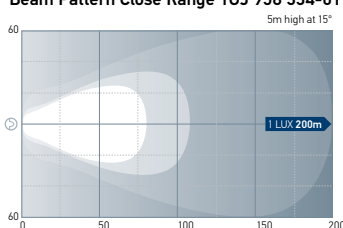
c = 359mm (14.13")

d = 166mm (6.54")

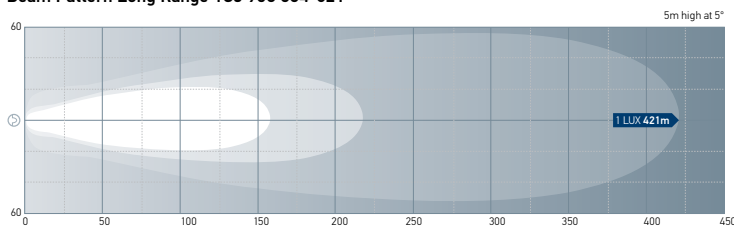
Beam Pattern Extra Wide 1GJ 958 334-031



Beam Pattern Close Range 1GJ 958 334-011



Beam Pattern Long Range 1GJ 958 334-021



HypaLUME 110 / 230V AC LED Floodlights

Lens Type	Part Number
Close Range	1GJ 958 334-011
Long Range	1GJ 958 334-021
Extra Wide	1GJ 958 334-031



Side view



Wieland RST Mini Connection



Close Range Lens



Long Range Lens



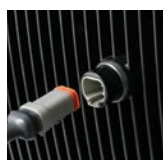
Extra Wide Lens

HypaLUME 24 / 48V DC LED Floodlights

Lens Type	Part Number
Close Range	HMF2000CMOB
Long Range	HMF2000LMOB
Extra Wide	HMF2000WMOB



Side view



DT connection



NaviLED

NAVIGATION LAMPS

Designed and manufactured in New Zealand and proven on the harshest waters worldwide, Hella marine LED navigation lamps provide power saving, highly visible and ultra durable lighting for reliability and safety at sea.

Ultra Low Power Consumption

Combining efficient LED light sources with advanced optic technology, Hella marine LED products deliver more light output per watt and provide considerable power saving.

No bulbs, No maintenance. Ultra long service life

Hella marine LED technology has no filaments to break, thus making the LED lamps extremely shock and vibration resistant for reliable illumination and safety. Our engineering teams have developed a unique range of highly demanding tests to lift product reliability to new standards.



Safe and highly visible

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

Fully sealed for life

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.

Superior Lens and Optic Materials for long life

All Hella marine LED navigation lamps feature extra thick lenses. Taking ultra durable lighting to a new level, Hella marine specifies Grilamid®, a high performance polyamide manufactured in Switzerland, 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.

Pre-wired with marine cable

Hella marine LED lamps are pre-wired with quality marine specification tinned cable. The cable is completely sealed to the lamp body providing time saving at installation and reliable electrical connection.



Multivolt™ technology for durability and safety

Advanced 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.

Electromagnetic Compatibility (EMC)

All Hella marine products are designed 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.

Where applicable, Hella marine products carry CE marking for European Union legislation, and the C-Tick mark for Australian & New Zealand requirements.

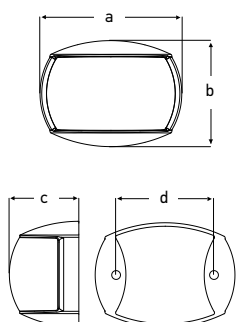


Photometric Testing

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

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

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



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



BSH Approved for Powerboats and Yachts

Material Description	UV resistant, enhanced impact resistant acrylic lens. High impact shroud
Minimum Visible Distance	2 Nautical Mile (Yachts and Powerboats)
Cable	Pre-wired with marine cable
Operating Voltage	Port, Starboard and Stern Lamps Multivolt™ 9-33V DC
Voltage Protection	Spike protected to +500 volts Reverse polarity protected to -700 volts
Power Consumption	Port and Starboard less than 2W combined. Stern less than 2W,
Protection	IP 67 (Completely Sealed)
Weight	60g (including 120mm single core cable)
Approvals	IMO COLREG, USCG, RINA, ABYC A-16, BSH, RCD

Single Lamps (120mm of single core marine cable)

Lamp Type	Visibility	Black Shroud	White Shroud
Port	2 NM	2LT 980 520-061	2LT 980 520-071
Starboard	2 NM	2LT 980 520-261	2LT 980 520-271
Stern*	2 NM	2LT 980 520-501	2LT 980 520-511

Single Lamps (2.5m of twin core marine cable)

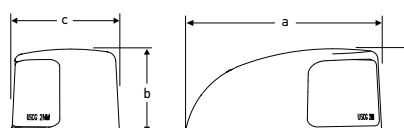
Lamp Type	Visibility	Black Shroud	White Shroud
Port	2 NM	2LT 980 520-081	2LT 980 520-091
Starboard	2 NM	2LT 980 520-281	2LT 980 520-291
Stern*	2 NM	2LT 980 520-531	2LT 980 520-541

*Stern lamps have a clear lens



Port & Starboard Pairs (with 120mm of single core marine cable)

Lamp Type	Visibility	Black Shroud	White Shroud
Port & Starboard	2 NM	2LT 980 520-801	2LT 980 520-811

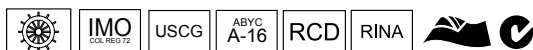


Dimensions:
a = 90.0mm (3.54")
b = 38.5mm (1.52")
c = 50.0mm (1.97")

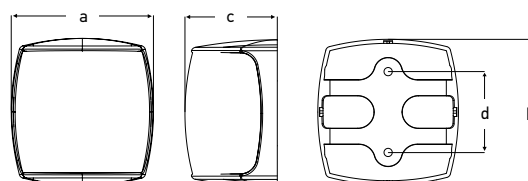


2 Nautical Mile Powerboat & Yacht Lamps

Lamp with Coloured Lens	Black Housing	White Housing
Port & Starboard (2NM)	2LT 980 620-801	2LT 980 620-811
Lamp with Clear Lens	Black Housing	White Housing
Port & Starboard (2NM)	2LT 980 620-901	2LT 980 620-911



Material Description	High impact resistant acrylic lens or Ultra heavy duty Grilamid® lens
Cable	Pre-wired with 2.5m of twin core marine cable
Operating Voltage	Multivolt™ 9-33V DC
Voltage Protection	Spike protected to +500 volts Reverse polarity protected to -700 volts
Power Consumption	Port, Starboard and Stern - Less than 3.2W combined. Masthead - Less than 2.5W
Protection	IP 67 (Completely Sealed)
Weight	150g (including cable)
Approvals	IMO COLREG, USCG, RINA, ABYC A-16, RCD.



Dimensions

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

2 Nautical Mile Powerboat and Yacht. High impact acrylic lens

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



3 Nautical Mile Powerboat. High impact acrylic lens

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



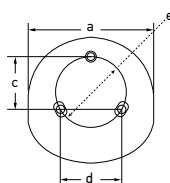
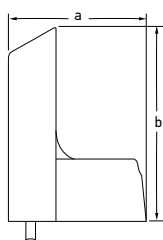
Powerboat and Yacht. Ultra heavy duty Grilamid® lens

Lamp Type	Visibility	Black Shroud	White Shroud
Port	2 NM	2LT 959 900-601	2LT 959 900-611
Starboard	2 NM	2LT 959 908-601	2LT 959 908-611
Stern	2 NM	2LT 959 909-601	2LT 959 909-611
Bi-Colour	2 NM	2LT 959 941-001	2LT 959 941-011
Masthead	3 NM	2LT 959 940-601	2LT 959 940-611
Masthead	5 NM	2LT 959 940-401	2LT 959 940-411

NaviLED PRO Deck Mount Adaptor

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

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



Dimensions

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



COLREG and Wheelmark Certified All Round Lamps

Housing Material	Corrosion, UV and impact resistant 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
Protection	IP 67 (Completely sealed)
Approvals	IMO Col Reg 72, USCG, Wheelmark, ABYC A-16, RCD

Anchor Lamps with Compact Surface Mount Base

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

Anchor and All Round Lamps with Wide 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

Fixed Pole Anchor Lamps

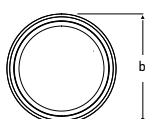
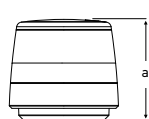
Overall Length	Visibility	Black Base	White Base
167mm (6")	2 NM	2LT 980 960-201	2LT 980 960-211

Fold Down Anchor Lamps

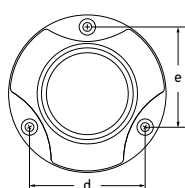
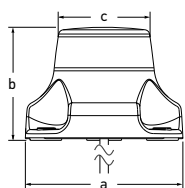
Overall Length	Visibility	Black Base	White Base
204mm (8")	2 NM	2LT 980 960-281	2LT 980 960-291
315mm (12")	2 NM	2LT 980 960-301	2LT 980 960-311
510mm (20")	2 NM	2LT 980 960-321	2LT 980 960-331
605mm (24")	2 NM	2LT 980 960-341	2LT 980 960-351
865mm (34")	2 NM	2LT 980 960-361	2LT 980 960-371
1016mm (40")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

Plug-in Pole Anchor Lamps

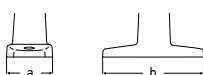
Overall Length	Visibility	Black Base	White Base
610mm (24")	2 NM	2LT 980 960-401	2LT 980 960-411
1080mm (42")	2 NM	2LT 980 960-421	2LT 980 960-431
1380mm (54")	2 NM	2LT 980 960-441	2LT 980 960-451



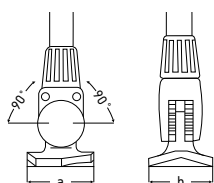
Dimensions
a = 56mm (2.20")
b = 60mm (2.36")



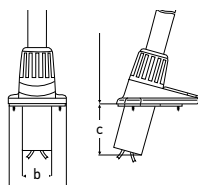
Dimensions
a = 90mm (3.54")
b = 68mm (2.68")
c = 53mm (2.09")
d = 66mm (2.60") (mounting holes)
e = 57mm (2.24") (mounting holes)



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



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

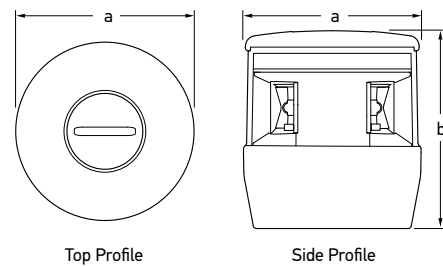


Dimensions
a = 58mm (2.29")
b = Ø30mm (1.19")
c = 54mm (2.13")



COLREG and BSH Certified LED Tri Colour with Anchor

Housing Material	UV resistant, high impact nylon
Lens Material	UV resistant, heavy duty Grilamid®
Mounting Shaft	316 stainless steel
Minimum Visible Distance	2 Nautical Mile (Yacht)
Cable	Pre-wired with 400mm of triple core marine cable
Operating Voltage	Multivolt™ 9-33V DC
Voltage Protection	Spike protected to +500 volts Reverse polarity protected to -700 volts
Power Consumption	Port, Starboard and Stern - Less than 3.5W combined All Round White / Anchor - Less than 1.5W
Protection	IP 67 (Completely Sealed)
Weight	400g (including cable)
Approvals	BSH, IMO COLREG, USCG, ABYC, RCD
Warranty	Seven Years



Dimensions
a = 85mm (3.35")
b = 95mm (3.74")

Tri Colour Lamp with Anchor

Visibility	Black Base
2 NM	2LT 980 650-001



NAViLED Trio Windex Adaptor Nut

Machined 316 stainless steel adaptor nut to install a Windex directly onto the LED Tri Colour mounting shaft. M12 (Mounting Shaft) to 5/16UNC. Female to female.

Part Number
9NM 958 988-402





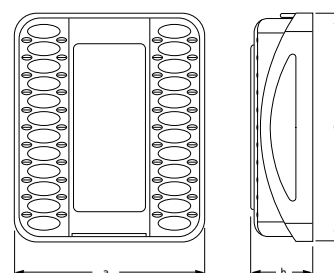
Submersible LED Trailer Lamps

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.

0720 Series LED Combination Lamps

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	0.5m Pre-wired with multi-core cable
Approvals	ADR compliant, ECE certified

Trailer Kit Contents	Part Number
1 x Rear Position / Stop / Indicator	2VB 980 720-811
1 x Rear Position / Stop / Indicator / Number Plate	(2395-TP)
1 x Rear Position / Stop / Indicator	2VB 980 720-821
1 x Rear Position / Stop / Indicator / Number Plate	(2395-TP9M)
6 metre cable	



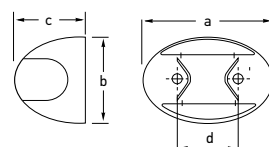
Dimensions
a = 80mm / 3.15"
b = 26mm / 1.03"
c = 96mm / 3.78"



LED Side Marker Lamps

Operating Voltage	Multivolt™ 8-28V DC
Power Consumption	<1W
Approvals	ADR 45/01 (pre 18-11-2017) and ADR 74/00

DuraLED Red / Amber Side Marker Lamps		
Quantity	Cable Length	Part Number
1 pcs	500mm	2PS 959 660-581 (2053)
4 pcs	2.5m	2PS 959 660-502 (2053BULK)



Dimensions
a = 60mm / 2.37"
b = 38mm / 1.50"
c = 32mm / 1.26"
d = 28.5mm / 1.13"



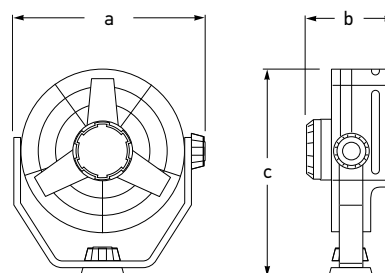
Two Speed Hella marine Turbo Fans

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

- Quality German motor for 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

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 1.4m / 4.6ft of cable

Voltage	Housing Colour	Part Number
12V	Black Housing	8EV 001 361-001 (6100)
12V	White Housing	8EV 001 361-021 (6100-W)
24V	Black Housing	8EV 001 361-011 (6101)



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

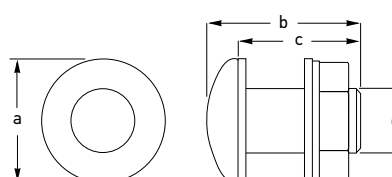
LED Livewell Lamps

Completely sealed, power saving LED Livewell / Baitwell lamps are designed for installation into live bait tanks with wall thicknesses up to 26mm.

Supplied with a plastic nut and rubber gaskets for a watertight seal, installation is swift and secure into often inaccessible locations.

Housing Description	Heavy duty polycarbonate
Installation	Pre-wired with 120mm of cable
Operating Voltage	12V DC
Power Consumption	0.5W (< 0.04A@12V / < 0.02A@24V)
Degree of Protection	IP 67 - Completely sealed
Mounting	Single hole. Rubber gaskets included

Lamp Colour	Part Number
White (Clear Lens)	2JA 998 543-051
Blue (Clear lens)	2JA 998 543-031
Amber	2JA 998 543-001
Red	2JA 998 543-021



Dimensions
a = 50.0mm / 1.97"
b = 49.0mm / 1.93"
c = 40.0mm / 1.57"
d = 26.0mm / 1.02"

Water Resistant Plugs and Sockets

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	

Description	Pin	Material	Part Number
Socket	2 Pin	Chrome Brass	8JB 950 987-001 (2741)
Plug	2 Pin	Chrome Brass	8JB 950 988-001 (2742)
Plug & Socket	2 Pin	Plastic	8JB 006 801-802 (2782)



8JB 006 801-802 (2782)
Plastic Plug suitable for cable up to 8.0mm diameter.

8JB 950 987-001
(2741)

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

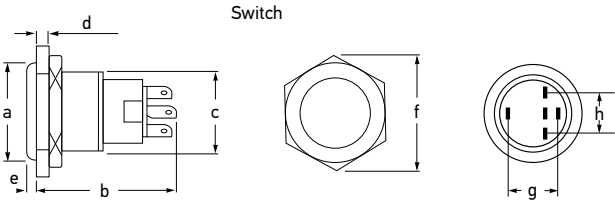
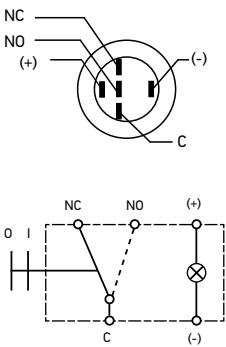
8JB 950 988-001
(2742)

Push Button Switches

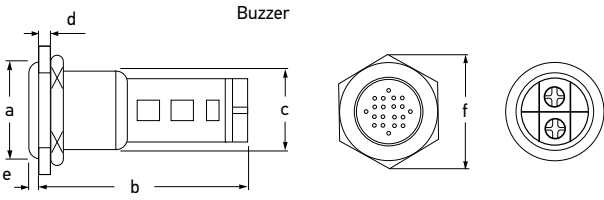
Attractive, exterior durable, stainless steel switches featuring an appealing ring of LED light.

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. The range also includes matching stainless steel warning buzzers with LED light rings.

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	IP 67 for switches IP 50 for buzzer
Buzzer sound intensity	>80dB (1m)



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"



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 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

Momentary Switches with LED Ring			
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

Buzzers with LED Ring			
Light Colour	Voltage	Operation	Part Number
Red	12V DC	Buzzer	8HG 958 456-001
Red	24V DC	Buzzer	8HG 958 456-101

2 Group Light Dimmer

- Precise dimming control for 1 or 2 light groups
- Voltage regulation & 'soft-start' bulb protection
- Low voltage battery protection
- 12V and 24V DC

The 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 incandescent bulbs. The dimmer also provides low voltage protection against deep battery discharge.

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. Lights can be switched on again when the battery is charged and reaches 12V or 24V respectively.

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
Protection	Overload, Temperature, Low voltage
Fuse	2 x 10A
PWM Frequency	400Hz

Part Number

5XA 998 572-001

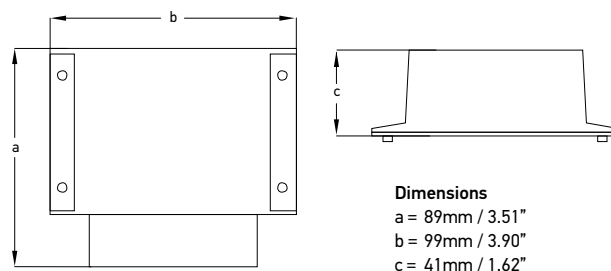
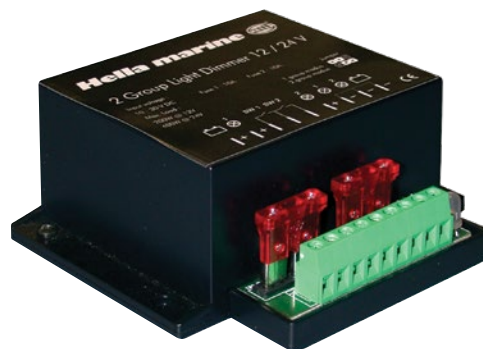


Diagram 1

Controlling both groups with one switch.

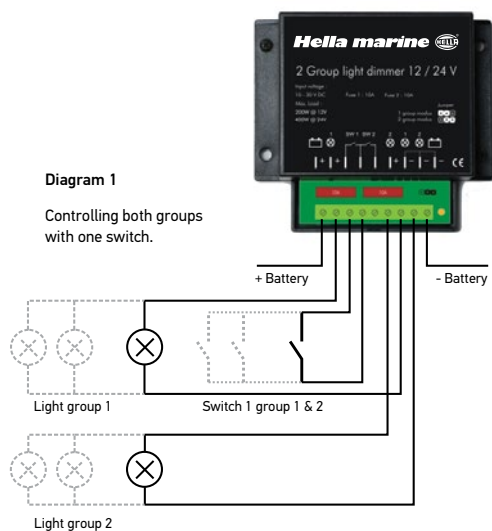
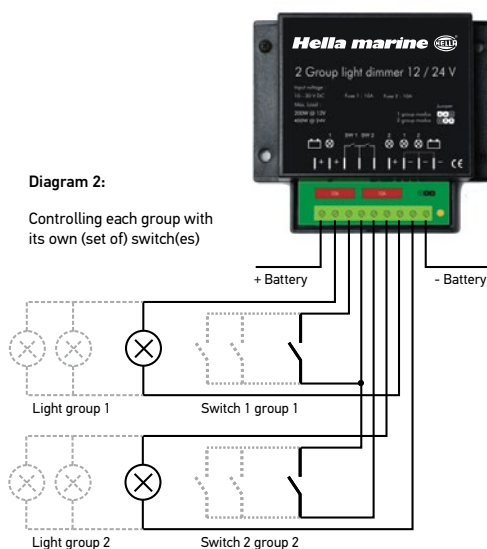


Diagram 2:

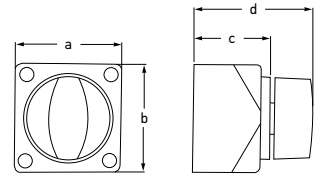
Controlling each group with its own (set of) switch(es)



Battery Master Switches

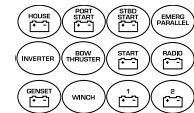
275 Amp Battery Master Switch

Contour Lock system with removable plates allows the switch to be a stand alone unit or locked together with other switches. The control knob cannot be removed whilst in an ON or OFF position, however, it can be removed by switching to an anti-clockwise 45° position. Suitable for surface or recess mounting by cutting a 52mm diameter hole.



Dimensions

a = 69mm / 2.72"
b = 69mm / 2.72"
c = 48mm / 1.90"
d = 75mm / 2.93"



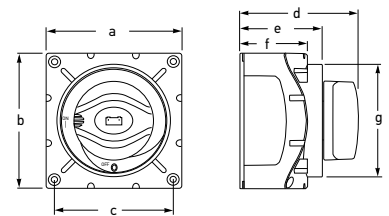
Material Description	Impact resistant plastic. Copper studs.	
Termination Stud Size	2 x 10mm (3/4")	
Operation	ON / OFF	
Protection	IP 56	
Max. Load 12 / 24V DC	Continuous	275 Amps
	Intermittent	455 Amps (5 minutes)
	Cranking	1250 Amps (10 seconds)
Max. Voltage	48V DC	

Part Number

6EK 998 540-002 (4640)

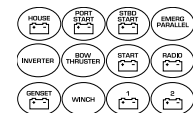
600 Amp Battery Master Switch

Contour Lock system with removable plates allows the switch to be a stand alone unit or locked together with other switches. The control knob cannot be removed whilst in an ON or OFF position, however, it can be removed by switching to an anti-clockwise 45° position. Suitable for surface or recess mounting by cutting a 85mm diameter hole.



Dimensions

a = 102mm / 4.02"
b = 102mm / 4.02"
c = 89mm / 3.51"
d = 90mm / 3.55"
e = 62mm / 2.45"
f = 51mm / 2.01"
g = 85mm / 3.35"



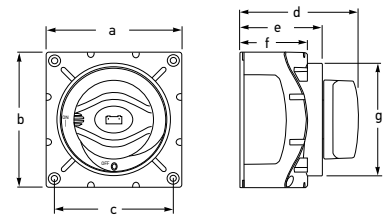
Material Description	Impact resistant plastic. Copper studs.	
Termination Stud Size	2 x 12mm (1/2")	
Operation	ON / OFF	
Protection	IP 56	
Max. Load 12 / 24V DC	Continuous	600 Amps
	Intermittent	800 Amps (5 minutes)
	Cranking	2500 Amps (10 seconds)
Max. Voltage	48V DC	

Part Number

6EK 998 540-062 (4720)

350 Amp Battery Selector Switch

Contour Lock system with removable plates for connection from all sides. This allows the switch to be a stand alone unit or locked together with battery distribution modules. Necessary for on board systems fed from 2 or more batteries and whose supply comes from more than 1 generator. Rotary switch in 4 switch positions of battery 1-2-Both-OFF. Switch can also be pad locked. Suitable for surface or recess mounting by cutting an 85mm diameter hole.



Dimensions

a = 102mm / 4.02"
b = 102mm / 4.02"
c = 89mm / 3.51"
d = 90mm / 3.55"
e = 62mm / 2.45"
f = 51mm / 2.01"
g = 85mm / 3.35"

Material Description	Impact resistant plastic. Copper studs.	
Termination Stud Size	3 x 10mm (3/4")	
Operation	1-2-Both-OFF	
Protection	IP 56	
Max. Load 12 / 24V DC	Continuous	350 Amps - B1 or B2
	Continuous	500 Amps - B1 and B2
	Intermittent	500 Amps (5 minutes)
	Cranking	1500 Amps (10 seconds)
Max. Voltage	48V DC	

Part Number

6EB 998 540-202 (4721)

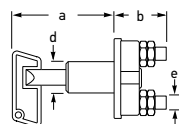
Battery Master Switches

2843 Series - 150 Amp Battery Master Switch

Positive or negative cable can be switched as required.
Key can be removed in the OFF position, current interrupted.

Housing Description	Impact resistant plastic
Cable Connection	2 screw terminals, M10
Protection	IP X4
Max. Load	12V / max. 1000A (10 seconds) 24V / max. 500A (10 seconds) (compliant with VDA 72750)

Part Number	Spare Key Number
6EK 002 843-057 (4650)	9SL 706 729-012 (4652)



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

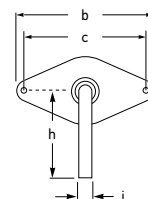
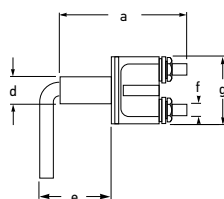


1559 Series - 100 Amp Battery Master Switch

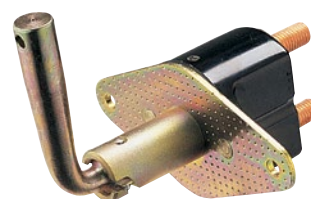
Heavy duty switch for high loads.
Key can be removed in the OFF position, current interrupted.
Positive or negative cable can be switched as required.

Housing Description	Steel key and mounting plate
Cable Connection	2 screw terminals, M10
Protection	IP X4
Max. Load	12V / 24V max. 2500A (10 seconds)
Max. Continuous Load	12V / 24V max. 100A 24V / max. 2500A (10 seconds) (compliant with VDA 72750)

Part Number	Spare Key Number
6EK 001 559-002 (4653)	9SL 042 991-002 (4654)



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"



Voltage Sensitive Relay

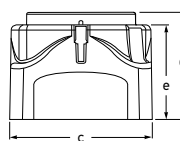
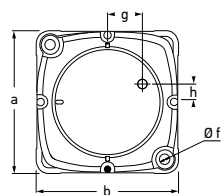
"Dual battery charging made easy", the Voltage Sensitive Relay (VSR) allows two batteries to be charged at the same time.

When the engine is started and the start battery reaches 13.7 volts, the VSR engages, allowing two battery banks (start and auxiliary) to be charged simultaneously.

When the voltage drops below 12.8 volts (e.g. the engine is stopped), the VSR disengages, separating the batteries. This system eliminates the possibility of draining the start battery and protects sensitive electronic equipment powered from the auxiliary battery from harmful engine start up spikes.

Housing Description	Impact resistant plastic. Copper studs.
Termination Stud Size	2 x 6mm (1/4")
Protection	IP 56
Voltage	12 / 24V DC
Max. Load 12 DC	140 Amps
Dimensions	68 x 68 x 50mm (W x D x H)

Part Number
4RD 980 830-001 (3099)



Dimensions
a = 68mm / 2.68"
b = 68mm / 2.68"
c = 68mm / 2.68"
d = 51mm / 2.01"
e = 45mm / 1.78"
f = Ø5.20mm / 0.20"
g = 17mm / 0.67"
h = 9mm / 3.36"



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 Colour LED navigation lamps carry a Seven-Year Warranty

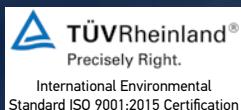
In the unlikely event that you should experience a confirmed warranty related problem with your purchase, Hella marine will, at its discretion, either repair, replace or refund the purchase price of the product.

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.





Navigation Lamp Approvals

Hella marine navigation lamps comply with the International Regulations for Prevention of Collisions at Sea (IMO COLREG 72).

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

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.



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.



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.



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



Complies with ABYC (American Boat and Yacht Council) Navigation Lamp Standard A-16.



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).



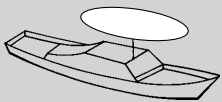
Approved by the Italian RINA (Registro Italiano Navale) authority.

IMO COLREG 72 Lights and Visibility - Powerboats

IMO COLREG requirements for navigation lighting on powerboats less than 50m (165ft) LOA (Length Overall).

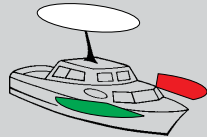
Note - Sailboats under motor adopt the rules for Powerboats.

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



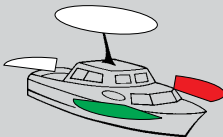
- 1x All Round White

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



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

Powerboats up to 12m (39.6ft)



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

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



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

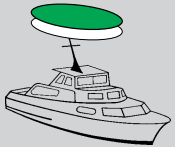
Powerboats more than 20m (66ft), but less than 50m (165ft)



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

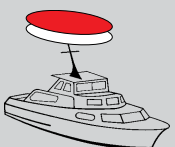
The following images depict ADDITIONAL lighting requirements for specific activities:

A vessel less than 50m (165ft) engaged in trawling



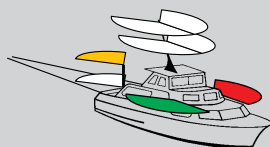
- 1x All Round Green lamp (2 NM)
- 1x All Round White lamp (2 NM)
- Mounted above one another

A vessel less than 50m (165ft) engaged in fishing, other than trawling



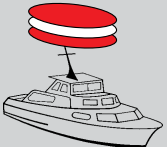
- 1x All Round Red lamp (2 NM)
- 1x All Round White lamp (2 NM)
- Mounted above one another

Powerboats towing with a tow length of less than 200m



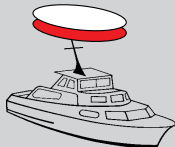
- 1x Towing lamp (2NM)
- Mounted above Stern lamp
- 2x Masthead lamps in a vertical line.
- (When the tow length exceeds 200m, 3x Masthead lamps in a vertical line)

A vessel engaged in diving operations



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

A vessel engaged in pilotage duty

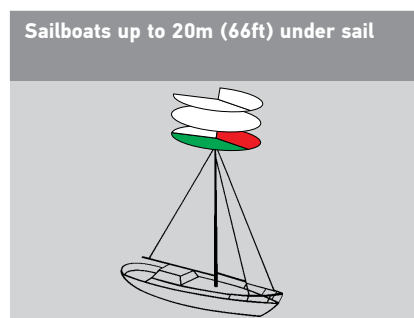


- 1x All Round White lamp (2 NM)
- 1x All Round Red lamp (2 NM)
- Mounted above one another

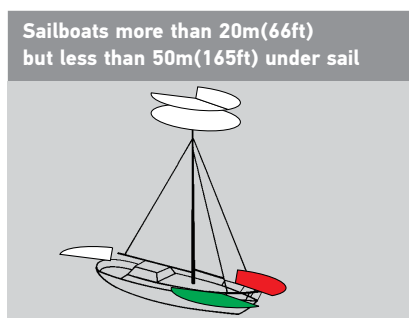
IMO COLREG 72 Lights and Visibility - Sailboats

IMO COLREG requirements for navigation lighting on sailboats less than 50m (165ft) LOA (Length Overall).

Note - Sailboats under motor adopt the rules for Powerboats.

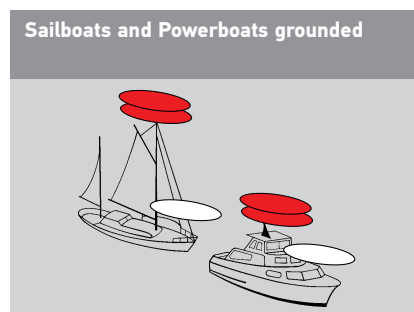


- 1x Tri-Colour lamp (2 NM)
- 1x Masthead lamp (3 NM)
- 1x All Round White lamp (2 NM) for vessels at anchor

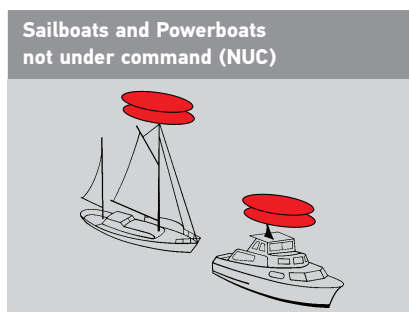


- 1x Port lamp (2 NM)
- 1x Starboard lamp (2 NM)
- OR
- 1x Bi-Colour Lamp (2 NM)
- 1x Stern lamp (2 NM)
- 1x Masthead lamp (5 NM)
- 1x All Round White lamp (2 NM) for vessels at anchor

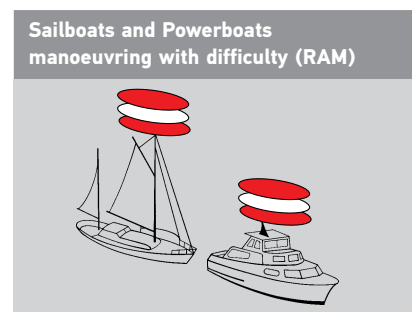
The following images depict ADDITIONAL lighting requirements for specific activities:



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



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



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



Hella marine

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