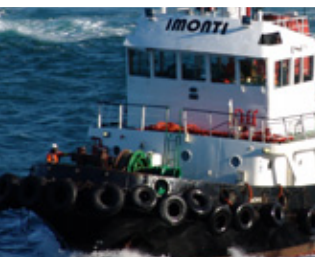


Hella *marine*



Vision and Innovation

Commercial Vessel Lighting



World leading LED technology
Power saving and ultra durable



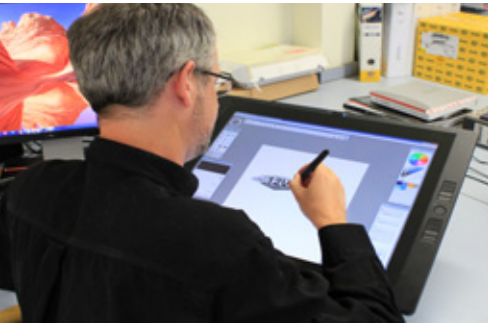
Navigation Lamps • Interior Lighting • Courtesy Lighting • Deck Floodlights • Utility Lighting

www.hellamarine.com

Vision and Innovation



Hella marine, Auckland, New Zealand.



First created in Germany in 1925 as a marine lighting specialist, Hella marine has been headquartered since 2004 in Auckland, New Zealand - a country with a rich maritime history of boat building and yacht racing success.

Founded in 1973, today Hella New Zealand Ltd is a respected opto-electronic designer and manufacturer. The company's core competence is the development, production and distribution of advanced transport lighting products utilizing the latest LED (Light Emitting Diode) technology.



This LED competence is channelled to provide world leading marine lighting products that set benchmarks for reliability, safety and energy efficiency and to meet customer expectations for outstanding service and support.

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



Hella marine 'fit and forget' LED lighting is firmly established as the solution of choice that meets long term reliability and economic considerations for astute owners and operators.

ISO 9001

BUREAU VERITAS
Certification

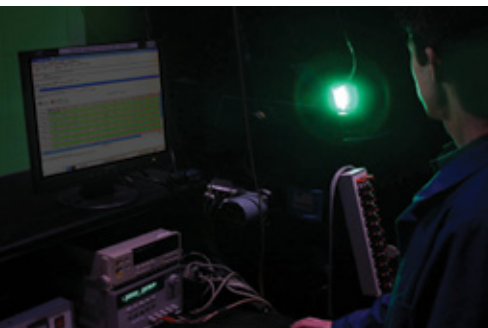
N° 201297



Hella marine is certified to the international quality standard ISO 9001:2008 for:

'The Design and Manufacture of Marine Navigation Lighting, General Lighting, LED Based Lighting and Associated Electronic Control Units.

The Design and Manufacture of Automotive Lighting and Signalling Equipment, General Lighting, Optical Products and Plastic Components.'



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The Hella marine advantage

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

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

5 YR
WARRANTY

5 Year Warranty

All Hella marine LED based lighting products carry a Five-Year Warranty providing peace of mind that the product will stand the test of time.

For more information visit: <http://www.hellamarine.com/en/about/warranty/>

IP 67
COMPLETELY
SEALED

IP 67 - Completely Sealed

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

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

CE

Electromagnetic Compatibility (EMC)

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

LED

Class Leading Efficiency

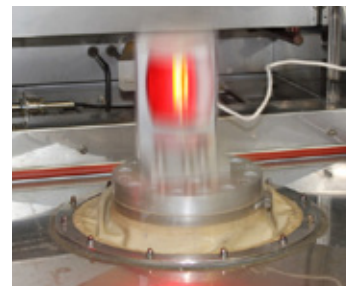
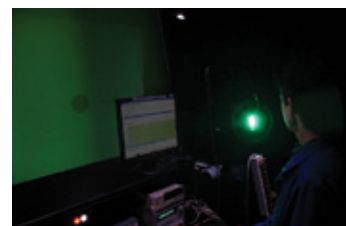
Combining efficient LED sources with advanced optic technology, Hella marine LED products deliver more light output per watt than incandescent based lamps with significant energy savings.

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

**UV
RESISTANT**

Outstanding UV and Impact Resistance

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





Ultra durable, power saving LED navigation lamps for enhanced safety. NaviLED®PRO lamps are proven worldwide on commercial, military and recreational vessels

New

5 NM Masthead



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

Combining efficient LED light sources with advanced optic technology, Hella marine LED products deliver more light per watt than traditional bulb lamps and thus provide considerable power saving. Each lamp is a completely sealed unit. Proven design, precision engineering and the use of high impact acrylic materials ensure superior resistance to water, impact, UV and wear and tear.

Advanced Multivolt™ circuitry provides reliable illumination across a range of DC inputs such as 8-28 volts or 9-33 volts. Multivolt™ LED lamps can be connected to 12 or 24 volt systems providing full light performance even during low battery voltage and voltage drop over long cable runs.

- IP 67 - Completely sealed
- Ultra low power consumption
- UV, corrosion and impact resistant
- Pre-wired with marine cable
- Multivolt™
- Reverse polarity and spike protected
- Internationally approved
- 5 Year warranty

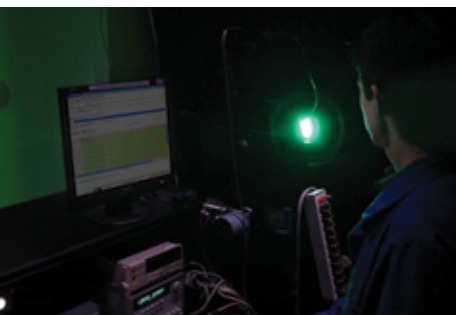


Lamp Type	NaviLED® PRO	NaviLED® 360	NaviLED® Compact
Material Description	High impact acrylic or ultra heavy duty Grilamid® lens	High impact acrylic lens	High impact acrylic lens
Visible Distance	2, 3 or 5 Nautical Mile options	2 Nautical Mile	2 Nautical Mile
Cable	Pre-wired with marine cable		
Operating Voltage	Multivolt™ 9-33V DC	Multivolt™ 9-33V DC	Multivolt™ 8-28V DC
Spike Protection	+500 volts		
Reverse Polarity Protection	-700 volts	-500 volts	-700 volts
Power Consumption	Port/Starboard/Stern <2W 3NM Masthead <2.5W 5NM Masthead <4W	<1.5W	Port/Starboard combined <2W Stern or Towing each <2W
Degree of Protection	IP 67 - Completely Sealed		
Weight (including cable)	250g	150g	60g
Approvals	IMO COLREG, USCG, RINA (I), ABYC A-16, NMSC, BSH (WHEELMARK)		

NaviLED®PRO Photometric Testing

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

Every individual NaviLED®PRO lamp is photometrically verified in production by a sophisticated goniometer to ensure compliance with the intensity and cut-off requirements of international navigation lamp standards. After passing photometric testing, a unique serial number is laser engraved onto the lens. This serial number is referenced to individual test reports which are electronically archived by Hella marine, ensuring international navigation lamp standards are consistently met.





2, 3 and 5 Nautical Mile LED Navigation Lamps



Port



Starboard



Stern



Masthead

LED
Multivolt

2 Nautical Mile Lamps - Acrylic Lens

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

LED
Multivolt

3 Nautical Mile Lamps - Acrylic Lens

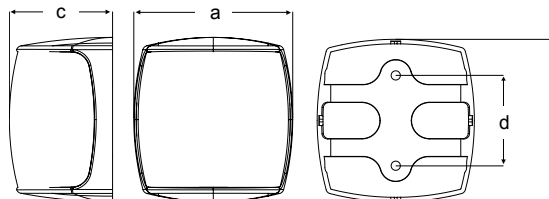
Lamp Type	Visibility	Black Shroud	White Shroud
Port	3 NM	959 900-201	959 900-211
Starboard	3 NM	959 908-201	959 908-211
Stern	3 NM	959 909-201	959 909-211
Masthead	3 NM	959 940-201	959 940-211

LED
Multivolt

2, 3 and 5 Nautical Mile Lamps - Heavy Duty Grilamid® Lens

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

New



Dimensions

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



Compact 2 Nautical Mile LED Navigation Lamps



Port



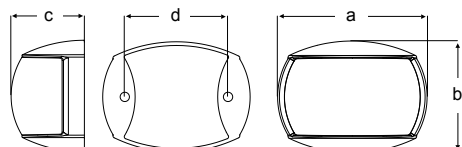
Starboard



Stern



Towing



Dimensions

a = 71mm / 2.80"
b = 53mm / 2.09"
c = 33mm / 1.30"
d = 50mm / 1.97"

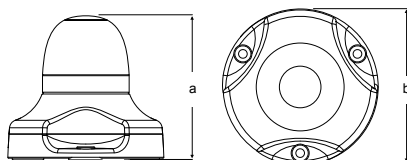
LED
Multivolt

2 Nautical Mile Lamps - Acrylic Lens

Lamp Type	Visibility	Black Shroud	White Shroud
Port	2 NM	980 520-001	980 520-011
Starboard	2 NM	980 520-201	980 520-211
Stern	2 NM	980 520-501	980 520-511
Towing	2 NM	980 520-601	980 520-611



2 Nautical Mile LED Anchor and All Round Lamps



Dimensions

a = 83mm / 3.27"
b = 90mm / 3.54"



Bulk OEM packages available for all LED navigation lamps. Enquire with your Hella marine representative or distributor.



All Round White / Anchor



All Round Green



All Round Red

LED
Multivolt

2 Nautical Mile All Round Lamps - Surface mount

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

LED
Multivolt

2 Nautical Mile All Round White Lamps - Fixed pole mount

Overall Length	Visibility	Black Base	White Base
8" / 204mm	2 NM	959 910-011	959 910-111

LED
Multivolt

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

Overall Length	Visibility	Black Base	White Base
12" / 305mm	2 NM	959 910-621	959 910-721
20" / 500mm	2 NM	959 910-661	959 910-761
24" / 610mm	2 NM	959 910-631	959 910-731
36" / 850mm	2 NM	959 910-651	959 910-751

DuraLed®



Heavy duty marine lamps

Outstanding light intensity, class leading efficiency and proven durability.



DuraLed® lamps provide powerful white light purpose designed for engine rooms and many other heavy duty applications where reliability must not be compromised.

Advanced Hella marine lens and optic engineering ensures an ultra wide spread of light without glare or harsh point sources.

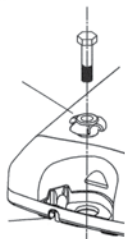
Each lamp is IP 67 (Completely sealed) and highly impact and shock resistant, ensuring an ultra long service life.

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® lamps are surface mounted and feature a unique installation system where the fastening load is taken up by a heavy duty nylon bush to eliminate possible stress on the lamp housing.

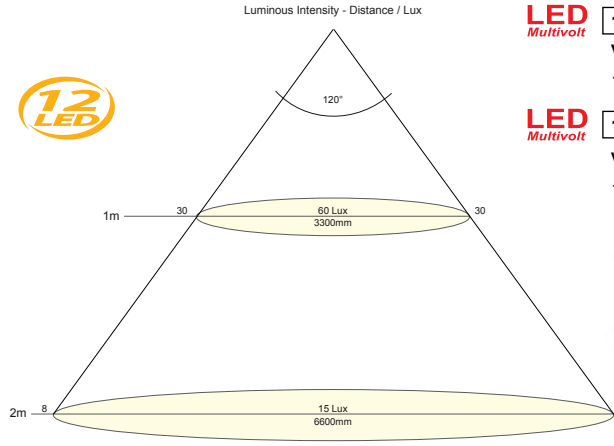
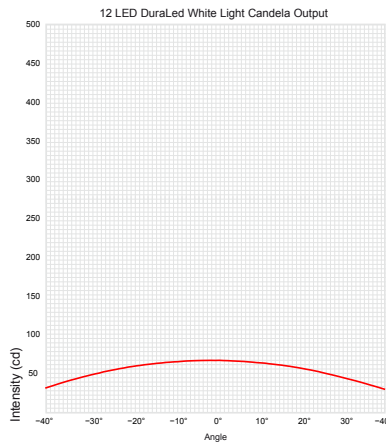


- Completely sealed housing and cable entry
- Pre-wired with marine cable



Completely sealed unit with robust bush mounts.

Lamp Type	DuraLED® 12	DuraLED® 20, 36 and 50 LED
Lens material	UV resistant enhanced impact acrylic	
Color Temperature	5000K (White)	
Cable	Pre-wired marine cable	
Operating Voltage	12 / 24V DC	9-33V DC
Power Consumption	<2.5W (<0.20A@12V / <0.10A@24V)	20 LED <4W (<0.33A@12V / < 0.17A@24V) 36 LED <7W (<0.51A@12V / < 0.28A@24V) 50 LED <10W (< 0.80A@12V / < 0.39A@24)
Operating Temperature	-40°C to +60°C / -40°F to 140°F	
Degree of Protection	IP 67 - Completely sealed	
Weight	115g (including cable)	20 and 36 LED 345g (including cable) 50 LED 450g (including cable)
Installation	Surface mount with robust bush mount	
Approvals	CE, ISO 8846 (Ignition Protection)	



LED
Multivolt

12 LED DuraLed®

Voltage	Light Color	Part Number
12/24V DC	White	959 700-101

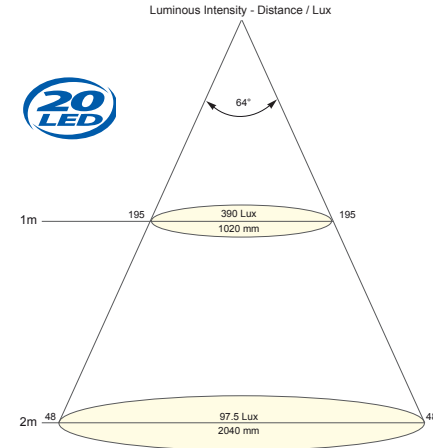
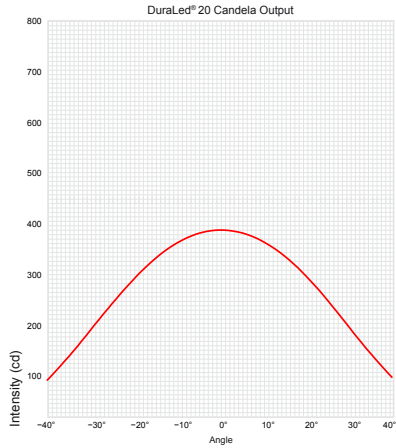
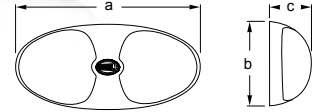
LED
Multivolt

12 LED DuraLed® with Switch

Voltage	Light Color	Part Number
12/24V DC	White	980 704-001



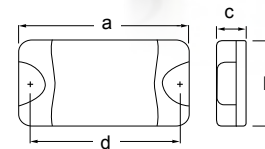
Dimensions
a = 140 mm / 5.51"
b = 65.0 mm / 2.56"
c = 32.0 mm / 1.26"



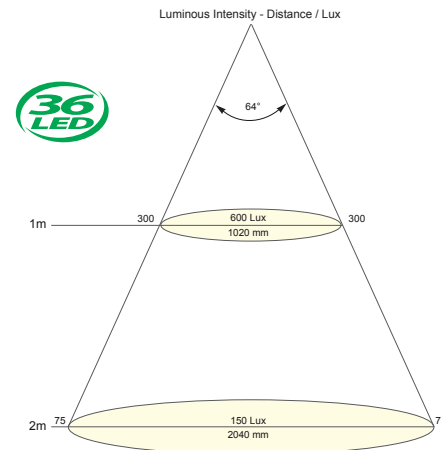
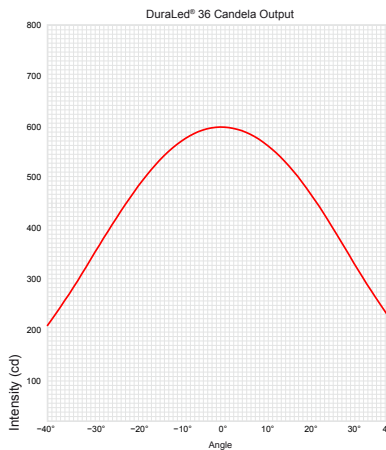
LED
Multivolt

20 LED DuraLed®

Voltage	Light Color	Part Number
9-33V DC	White	980 608-001



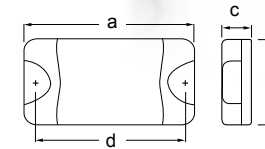
Dimensions
a = 177mm / 6.97"
b = 100mm / 3.94"
c = 30mm / 1.18"
d = 148mm / 5.83"



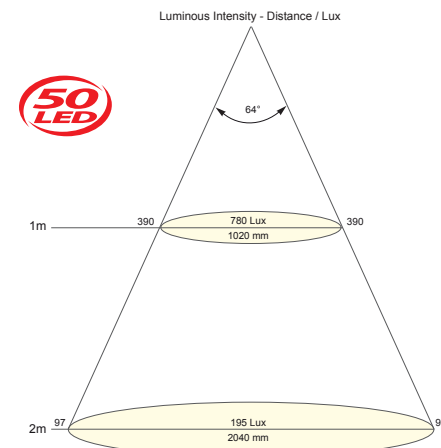
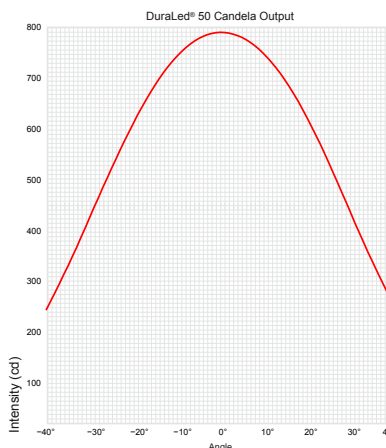
LED
Multivolt

36 LED DuraLed®

Voltage	Light Color	Part Number
9-33V DC	White	959 037-521



Dimensions
a = 177mm / 6.97"
b = 100mm / 3.94"
c = 30mm / 1.18"
d = 148mm / 5.83"



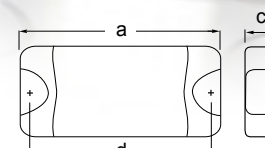
LED
Multivolt

50 LED DuraLed®

Voltage	Light Color	Part Number
9-33V DC	White	980 604-011
9-33V DC	White/Red*	980 604-061

New

*30 x White & 20 x Red LEDs



Dimensions
a = 220mm / 8.66"
b = 96mm / 3.78"
c = 31mm / 1.22"
d = 193mm / 7.60"

EuroLED

— 95 —

EuroLED

— 115 —



Energy efficient, durable, completely sealed lighting



EuroLED® downlights maximise state of the art LED technology to provide 20W halogen comparable illumination for a fraction of the energy use.

Completely sealed for interior and exterior installations, wet or dry, EuroLED® lamps are the durable choice. Consumption is less than 4W offering significant reductions in energy consumption and heat generation compared to incandescent lighting.

Advanced Hella marine optics provide a wide spread of uniform illumination without glare or eye strain. Precise LED selection ensures class leading color rendering with interior enhancing color temperatures in white (5000K) or warm white (3000K).

EuroLED® 95 and 115 lamps require no remote drivers or control wires, simply connect the positive and negative cables to 12V or 24V DC systems.

Each lamp operates on an input voltage between 10-33V DC and can also be fully dimmed and controlled via PWM based products such as the Hella marine Dimmer (998 572-001).

Internal Multivolt™ electronics provide robust electronic protection for ongoing reliability including significant spike and reverse protection.



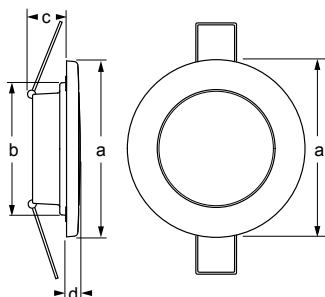
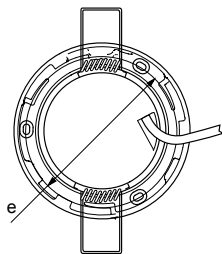
- Completely sealed housing
- Pre-wired with marine cable



Lamp Type	EuroLED 95	EuroLED 115
Lens material	UV resistant enhanced impact acrylic	
Rim material	UV resistant plastic or 316 stainless steel	
Color Temperature	5000K (White) 3000K (Warm White)	
Dimming	PWM compatible (e.g. Hella marine 5XA 998 572-001)	
Cable	Pre-wired with 500mm twin core marine cable	
Operating Voltage	10-33V DC	
Power Consumption	< 4.0W (<0.33A@12V / <0.17A@24V)	
Degree of Protection	IP 67 - Completely sealed	
Dimensions	97mm (w) x 37mm (d)	116.5mm (w) x 31.5mm (d)
Weight (including cable)	145g	170g
Installation	Recess (screw or spring clip)	Recess or surface mount via spacer
Approvals	CE	

EuroLED

95



Dimensions

- a = 95.0 mm / 3.75" with plastic rim
97.0 mm / 3.82" with stainless steel rim
- b = 72.0 mm / 2.84"
- c = 25.0mm / 0.98" with screw mounting
28.0 mm / 1.10" with spring clips
- d = 9.0mm / 0.35"
- e = 82.0mm / 3.23" PCD

LED
Multivolt

White Light LED Downlights

Voltage	Rim Finish	Mounting	Part Number
10-33V DC	White plastic rim	Screw	980 940-002
10-33V DC	Polished stainless steel rim	Screw	980 940-012
10-33V DC	White plastic rim	Spring Clip	980 940-202
10-33V DC	Polished stainless steel rim	Spring Clip	980 940-212



LED
Multivolt

Warm White Light LED Downlights

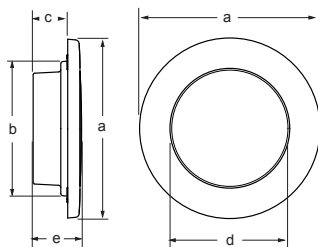
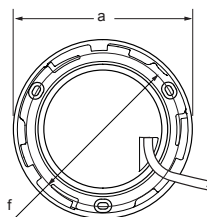
Voltage	Rim Finish	Mounting	Part Number
10-33V DC	White plastic rim	Screw	980 940-102
10-33V DC	Polished stainless steel rim	Screw	980 940-112
10-33V DC	White plastic rim	Spring Clip	980 940-302
10-33V DC	Polished stainless steel rim	Spring Clip	980 940-312



EuroLED

115

Bulk OEM packages available for all EuroLED® lamps.
Inquire with your Hella marine representative or distributor.



Dimensions

- a = 115.0 mm / 4.53" with plastic rim
116.5 mm / 4.59" with stainless steel rim
- b = 90.0 mm / 3.54"
- c = 22.0 mm / 0.87"
- d = 77.0mm / 3.03"
- e = 31.5mm / 1.24"
- f = 100.0mm / 3.94" PCD

LED
Multivolt

White Light LED Downlights

Voltage	Rim Finish	Part Number
10-33V DC	White plastic rim	980 820-002
10-33V DC	Polished stainless steel rim	980 820-012

LED
Multivolt

Warm White Light LED Downlights

Voltage	Rim Finish	Part Number
10-33V DC	White plastic rim	980 820-102
10-33V DC	Polished stainless steel rim	980 820-112



EuroLED 115 Series - Surface Mount with Switch

LED
Multivolt

White Light LED Downlights

Voltage	Rim Finish	Part Number
10-33V DC	White plastic rim	980 828-002
10-33V DC	Polished stainless steel rim	980 828-012

LED
Multivolt

Warm White Light LED Downlights

Voltage	Rim Finish	Part Number
10-33V DC	White plastic rim	980 828-102
10-33V DC	Polished stainless steel rim	980 828-112

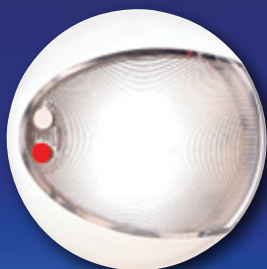


A white surface mount spacer ring with on / off switch is included with each lamp.



EuroLED®
— 130 —

EuroLED®
— 150 —



Advanced LED lighting with optional touch sensitive switching.
Power saving and ultra durable.



**Lighting control with dual color
EuroLED®Touch lamps is beautifully simple.**

Touch the red pad for red light, the white pad for white light. Hold your finger on the pad and the lamp will cycle through increasing / decreasing intensity levels until the maximum / minimum intensity is reached. Remove finger on the desired light level.

Glare diffusion without light loss is important with any LED lamp to maintain efficiency and safety. Without the protection of advanced optics, significant eye strain can result from looking directly into an LED point source. Advanced Hella marine lens technology provides a safe, smooth and uniform light pattern without glare or discomfort.

Each EuroLED® lamp is completely sealed and highly impact resistant for an ultra long service life.

Integrated Multivolt™ electronics provide consistent illumination and circuit protection across a range of input voltages from 9-33 DC, even under severe voltage fluctuations, low battery voltage and long cable runs.

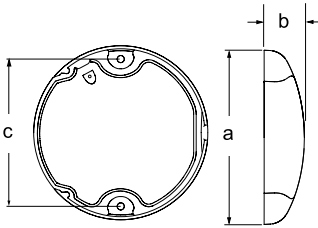


- Completely sealed housing
- Pre-wired with marine cable
- Mounting bushes eliminate torque loads
- Nylon shroud clips onto lamp body



Lamp Type	EuroLED® 130		EuroLED® 150	
Lens material	UV resistant enhanced impact acrylic			
Rim material	UV resistant plastic or 316 stainless steel			
Color Temperature	5000K (White) 3000K (Warm White)			
Cable	Pre-wired 2500mm marine cable		Pre-wired 500mm marine cable	
Operating Voltage	9-33V DC			
Power Consumption	<4.0W (<0.33A@12V / <0.17A@24V)			
Degree of Protection	IP 67 - Completely sealed			
Dimensions	130mm (w) x 29mm (d)		150mm (w) x 25mm (d)	
Weight (including cable)	290g		245g	
Installation	Surface with robust bush mount		Recess or surface mount via spacer	
Approvals	CE			

Dual color EuroLED® Touch 130 lamps with dimming and remote momentary switch control.
Touch the color pad for ON/OFF or hold finger on the pad to cycle through dimming levels.



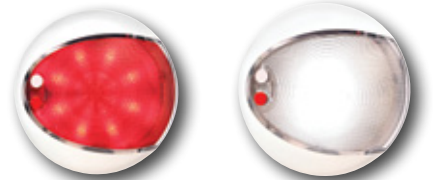
Dimensions

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

LED
Multivolt

White / Red Light EuroLED® Touch Lamps

Voltage	Shroud Color	Part Number
9-33V DC	White Shroud	959 950-121
9-33V DC	Black Shroud	959 950-111

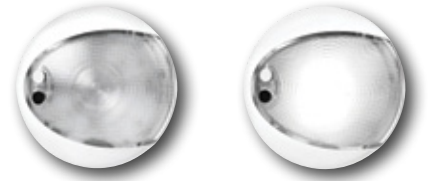


Single White EuroLED® Touch 130 lamps without dimming or momentary switch control.
Touch the white pad for ON, touch the black pad for OFF.

LED
Multivolt

Single White Light EuroLED® Touch Lamps

Voltage	Shroud Color	Part Number
9-33V DC	White Shroud	959 950-521
9-33V DC	Black Shroud	959 950-511

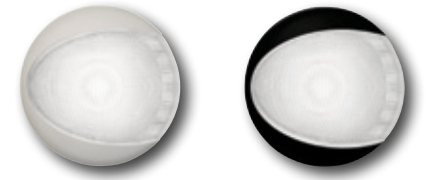


Single White EuroLED® 130 lamps.

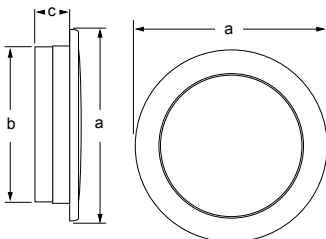
LED
Multivolt

White Light EuroLED® 130 Lamps

Voltage	Shroud Color	Part Number
9-33V DC	White Shroud	959 820-521
9-33V DC	Black Shroud	959 820-511



Dual color EuroLED® Touch 150 lamps with dimming and remote momentary switch control.
Touch the color pad for ON/OFF or hold finger on the pad to cycle through dimming levels.



Dimensions

a = 150 mm / 5.90"
b = 124 mm / 4.88"
c = 20 mm / 0.79"

LED
Multivolt

White / Red Light EuroLED® Touch 150 Lamps

Voltage	Rim Finish	Part Number
9-33V DC	White plastic rim	980 630-002
9-33V DC	Polished stainless steel rim	980 630-012



Single color EuroLED® Touch 150 lamps without dimming or momentary switch control.
Touch the white pad for ON, touch the black pad for OFF.

LED
Multivolt

White Light EuroLED® Touch 150 Lamps

Voltage	Rim Finish	Part Number
9-33V DC	White plastic rim	980 630-502
9-33V DC	Polished stainless steel rim	980 630-512



Single color EuroLED® 150 lamps.

LED
Multivolt

White Light EuroLED® 150 Lamps

Voltage	Rim Finish	Part Number
9-33V DC	White plastic rim	980 631-502
9-33V DC	Polished stainless steel rim	980 631-512



Bulk OEM packages
available for all
EuroLED® lamps.
Inquire with your Hella
marine representative or
distributor.

New



AS 5000 **LED**

High Performance

Ultra Durable

Purpose built commercial floodlights offering over 5000 lumens for the harshest environments.



Hella marine AS 5000 LED floodlights are precision engineered to perform without failure, season after season.

Every aspect, material and component has been carefully selected to ensure longevity in the most demanding environments.

Relentless Hella marine 'test to destruction' development programmes help lift product reliability to new levels. AS 5000 lamps endure the worst of vibration, shock and high impact torture tests.

Powerful and efficient

With over 5000 lumens, AS5000 lamps offer highly effective illumination with a power consumption of only 43W (5A@12V and 2.5A@24V DC).

Fully sealed and salt water durable

Each lamp is a completely sealed IP 6K 9K unit, impervious to moisture and contaminants. The housing features a unique bonded non-stick coating that will not corrode, discolor, peel or flake even under harsh UV and is highly resistant to cleaning chemicals.

Benchmark light distribution

Hella's optical engineering expertise provides highly effective illumination for working vessels. Wide or narrow light beam patterns offer a crisp white 'close to daylight' 5700K color temperature. Working under this color of light reduces the fatigue and eye strain sometimes caused by warmer color halogen lighting.

Multivolt™ 9-33V DC

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

A reduced power mode activates below 11.6V to prevent battery drain when lights are on but the charging system may not be operating.

Durable in extreme temperatures

Tested to operate effectively from -40° to $+50^{\circ}$ Celsius. Integrated thermal protection ensures longevity of the electrical components at the most extreme operating temperatures.

Long term secure installation

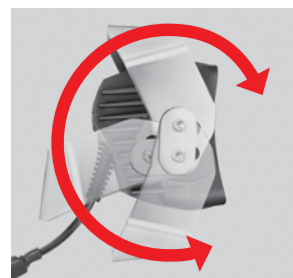
A sturdy 316 stainless steel bracket firmly holds the lamp to withstand harsh vibration and impact.

Designed and manufactured in Australia

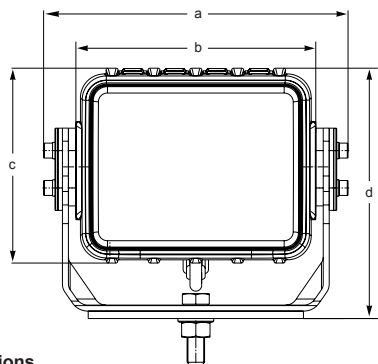
Hella marine AS 5000 lamps carry a 5 year warranty.



Completely sealed lamp and cable assembly.

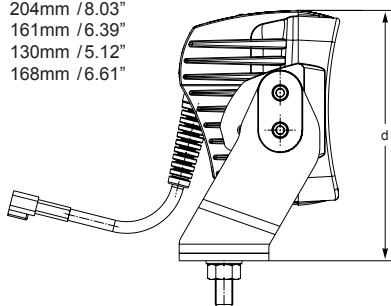


316 stainless steel adjustable bracket holds the lamp to withstand harsh vibration and impact.



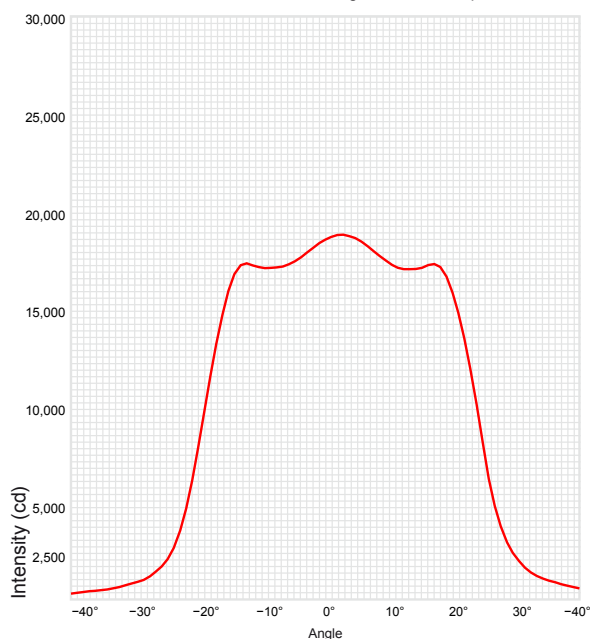
Dimensions

a = 204mm / 8.03"
b = 161mm / 6.39"
c = 130mm / 5.12"
d = 168mm / 6.61"

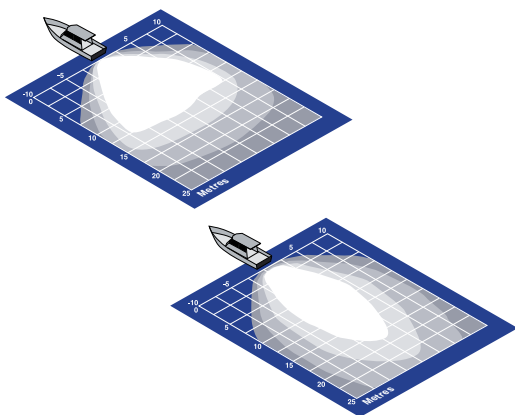
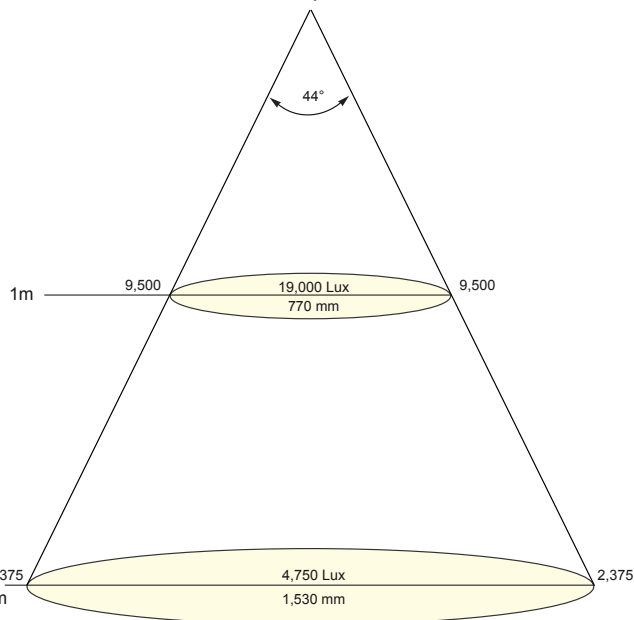


Lamp Type	AS 5000 LED
Housing Material	Die cast aluminium body. Non-stick surface coating
Lens Material	Heavy duty Grilamid®
Bracket Material	316 stainless steel
Color Temperature	5700K (Daylight White)
Cable	Pre-wired with twin core cable. 2 pin DT
Operating Voltage	Multivolt™ 9-33V DC
Power Consumption	60W (5A@12V / 2.5A@24V)
Operating Temperature	-40°C to + 50°C
Degree of Protection	IP 6K 9K - Completely Sealed
Dimensions	204mm (w) x 168mm (h) x 160mm (d)
Weight (including cable)	2600g (including cable)
Light Output	5000 lumens
EMC Protection	CISPR25 Class 2, ISO13766:2006
Shock Rating	200G
Vibration Rating	750Hz at 3.2mm

AS 5000 Wide Beam Floodlight Candela Output



Luminous Intensity - Distance / Lux



LED
Multivolt

White Light LED Floodlight - Wide Beam

Voltage	Housing Color	Part Number
9-33V DC	Black Housing	011 293-081

New

LED
Multivolt

White Light LED Floodlight - Narrow Beam

Voltage	Housing Color	Part Number
9-33V DC	Black Housing	011 293-091

New

Accessory for AS5000 series

Description	Part Number
100W 24V IP 67 AC-DC Power Supply	8ES 910 345-041



Dimensions

L 200mm / 7.87"
W 68mm / 2.68"
H 40mm / 1.58"



Powerbeam 3000

High Performance

Ultra Durable

Heavy duty and compact LED floodlights offering over 3000 lumens of durable illumination.



Hella marine Powerbeam 3000 LED floodlights have been purpose developed as a compact yet high-powered illumination source to eclipse 35W HID worklamps.

Powerful, efficient and reliable

Offering over 3000 lumens and a low power consumption of 43 Watts (3.58A@12V and 1.79A@24V DC, the lamp places minimal strain on the vessels electrical system.

Fully sealed and salt water durable

Each lamp is completely sealed IP 6K7K device impervious to water and contaminants.

Benchmark light distribution

Hella's optical engineering expertise provides highly effective illumination for working vessels. Wide or Narrow light beam patterns offer a crisp white 'close to daylight' 5700K color temperature.

Working under this color of light reduces the fatigue and eye strain sometime caused by warmer color halogen lighting.

Multivolt™ 9-33V DC

Proven Multivolt™ electronics offer reliable illumination over a range of voltage levels from 9 to 33V DC. The Power Beam 3000 features reverse polarity protection and overheating protection, which turns the light off when the integrated thermal sensor is triggered.

The low EMC signature (class 5) ensures the lamp does not interfere with critical onboard safety devices such as communication equipment.

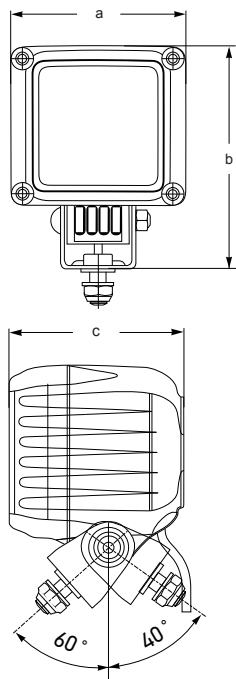
Designed and manufactured in Austria

Hella marine Powerbeam lamps carry a 5 year warranty.



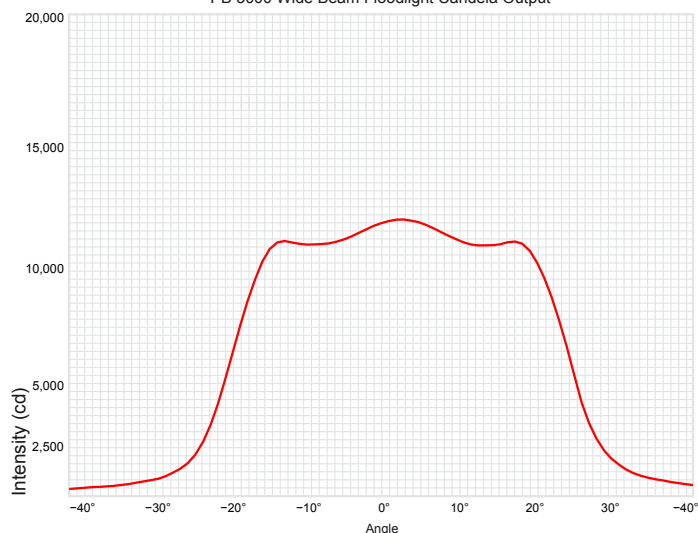
Dimensions

a = 115mm / 4.53"
b = 145mm / 5.70"
c = 110mm / 4.33"

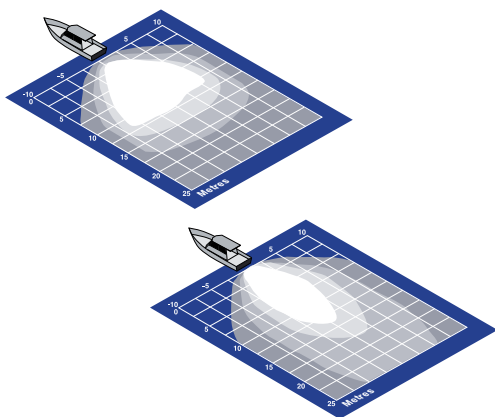
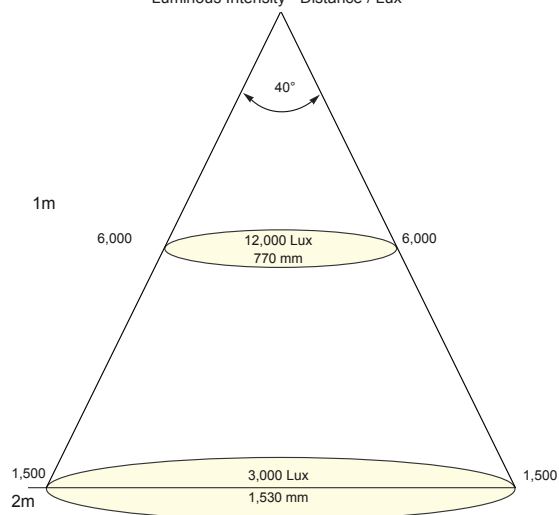


Lamp Type	Powerbeam 3000
Housing Material	Die cast aluminium body
Lens Material	Hi impact resistant acrylic
Bracket Material	316 stainless steel
Color Temperature	5700K (Daylight White)
Cable	Pre-wired 2000mm cable
Operating Voltage	Multivolt™ 9-33V DC
Power Consumption	43W (3.58A@12V / 1.79A@24V)
Operating Temperature	-40°C to + 50°C
Degree of Protection	IP 6K7K - Completely Sealed
Dimensions	115mm (w) x 145mm (h) x 110mm (d)
Weight (including cable)	1400g (including cable)
Light Output	3100 lumens
EMC Protection	CISPR25 Class 5
Shock Rating	200G

PB 3000 Wide Beam Floodlight Candela Output



Luminous Intensity - Distance / Lux



LED
Multivolt

White Light LED Floodlights - Close Range

Voltage	Housing Color	Part Number
9-33V DC	Black Housing	996 192-001

LED
Multivolt

White Light LED Floodlights - Long Range

Voltage	Housing Color	Part Number
9-33V DC	Black Housing	996 192-011

Accessory for Powerbeam 3000 series

Description	Part Number
100W 24V IP 67 AC-DC Power Supply	910 345-041



Dimensions

L 200mm / 7.87"
W 68mm / 2.68"
H 40mm / 1.58"

New



LED Sea Hawk

High performance, durable and lightweight floodlighting



Energy efficient Hella marine Sea Hawk lamps are completely sealed, lightweight and ultra durable, offering powerful illumination with significantly less consumption than halogen floodlights.

'Fit and Forget' for a long service life

Every aspect, material and component of a Sea Hawk lamp has been carefully chosen to ensure longevity in the most demanding conditions.

Fully sealed and salt water durable

Completely sealed and manufactured from advanced polymers that will not corrode or discolor even under harsh UV. The lens is precision moulded from high performance Grilamid® for strength and durability.

Multivolt™ 9-33V DC

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

Spread or Spot Optics

Spread lamps are ideal for the general illumination of cockpits and deck areas with a wide spread of crisp white light. Spot lamps offer a narrow concentrated beam with greater visible distance.

Pre-wired with marine cable

High quality sealed cable assemblies for time saving, completely sealed installations.

Designed and manufactured in New Zealand

Hella marine Sea Hawk lamps carry a 5 year warranty.



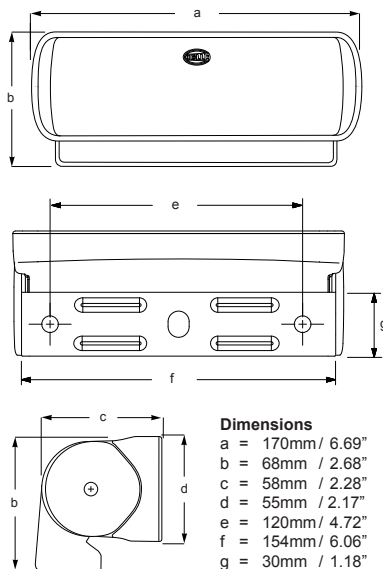
Friction mounts allow easy adjustment without tools.



Completely sealed lamp and cable entry. Polished 316 stainless steel bracket.



Lamp Type	Sea Hawk (Bracket version)	Sea Hawk XL
Material Description	UV and impact resistant plastic Heavy duty Grilamid® lens	
Bracket Material	Polished 316 stainless steel	
Color Temperature	5500K (White) 1600K (Red)	5500K (White) 3000K (Warm White)
Cable	Pre-wired with marine cable	
Operating Voltage	Multivolt™ 9-33V DC	
Degree of Protection	IP 67 - Completely Sealed	
Power Consumption	Sea Hawk <3W (<0.25A@12V / <0.13A@24V)	High Intensity Mode 12W (1.00A@12V / 0.50A@24V)
		Low Intensity Mode 2W (0.17A@12V / 0.08A@24V)
Number of LEDs	12	30
Dimensions	136mm (w) x 53mm (h) x 49mm (d)	170mm (w) x 68mm (h) x 58mm (d)
Weight (including cable)	250g	500g
Light Output	White Lamps - 240 lumens Red Lamps - 50 lumen	White Lamps - 750 lumens Warm White Lamps - 500 lumens
Approvals	CE	



Sea Hawk XL Bracket Mount

LED
Multivolt

White Light LED Floodlights - Spread

Voltage	Housing Color	Part Number
9-33V DC	Black Housing	980 950-001
9-33V DC	White Housing	980 950-011

New

LED
Multivolt

White Light LED Deck Lamps - Spot

Voltage	Housing Color	Part Number
9-33V DC	Black Housing	980 950-201
9-33V DC	White Housing	980 950-211

New

LED
Multivolt

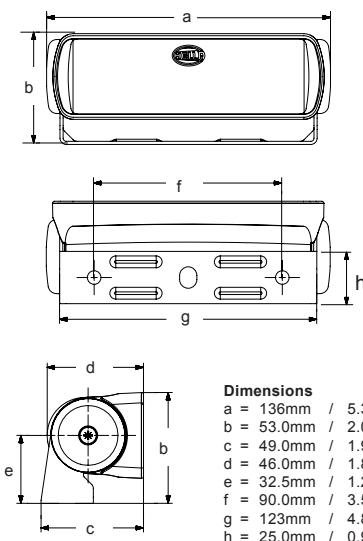
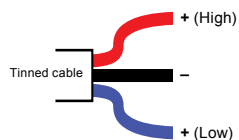
Warm White Light LED Deck Lamps - Spread

Voltage	Housing Color	Part Number
9-33V DC	Black Housing	980 950-101
9-33V DC	White Housing	980 950-111

New

Integrated Dimming

A unique two-step high/low function operated via common 'off the shelf' switches is integrated into each Sea Hawk XL lamp.



Sea Hawk Bracket Mount

LED
Multivolt

White Light LED Floodlights - Spread

Voltage	Housing Color	Part Number
9-33V DC	Black Housing	980 670-301
9-33V DC	White Housing	980 670-311

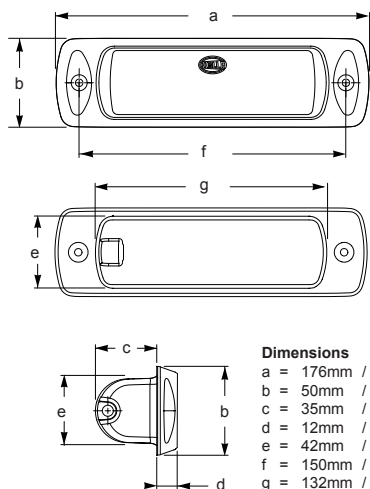
LED
Multivolt

White Light LED Deck Lamps - Spot

Voltage	Housing Color	Part Number
9-33V DC	Black Housing	980 670-201
9-33V DC	White Housing	980 670-211

Red Light LED Floodlights - Spread

Voltage	Housing Color	Part Number
12V DC	Black Housing	980 670-341
12V DC	White Housing	980 670-351



Sea Hawk Recess Mount

LED
Multivolt

White Light LED Floodlights - Spread

Voltage	Housing Color	Part Number
9-33V DC	Black Housing	980 747-101
9-33V DC	White Housing	980 747-111

LED
Multivolt

White Light LED Deck Lamps - Spot

Voltage	Housing Color	Part Number
9-33V DC	Black Housing	980 747-001
9-33V DC	White Housing	980 747-011



Bulk OEM packages available for all Sea Hawk lamps.
Inquire with your Hella marine representative or distributor.

Generation III LED Technology



LED Mega beam

LED Module 70



Close range floodlights with the energy saving advantages of Hella marine LED technology.

Multivolt™ 9-30V DC

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

Pre-wired with marine cable

High quality sealed cable assemblies for time saving, completely sealed installations.

Designed and manufactured in Austria

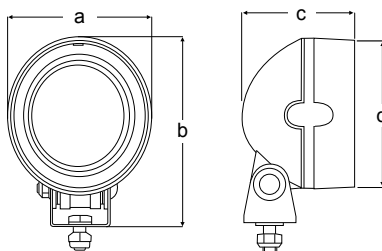
Hella marine Megabeam and Module 70 lamps carry a 5 year warranty.



Lamp Type	LED Mega Beam	LED Module 70
Material Description	Die cast aluminium body, Glass lens	
Bracket	316 stainless steel	
Color Temperature	6500K	
Cable	Pre-wired with 2.0m of twin core marine cable	
Operating Voltage	Multivolt™ 9-30V DC	
Degree of Protection	IP 67 - Completely Sealed	
Power Consumption	13W (<1.08A@12V / <0.54A@24V)	
Dimensions	110mm (w) x 145mm (h) x 83mm (d)	83mm (w) x 110mm (h) x 74mm (d)
Weight (including cable)	750g	500g
Light Output	800 lumens	
Approvals	CE	

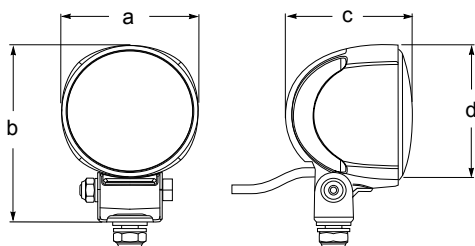
Dimensions

a = 110mm / 4.33"
b = 145mm / 5.70"
c = 83mm / 3.27"
d = 120mm / 4.72"



Dimensions

a = 83mm / 3.27"
b = 110mm / 4.33"
c = 74mm / 2.91"
d = 83mm / 3.27"



LED Mega Beam Deck Floodlights

Voltage	Housing Color	Part Number
9-30V DC	White Housing	996 136-341
9-30V DC	Black Housing	996 136-351

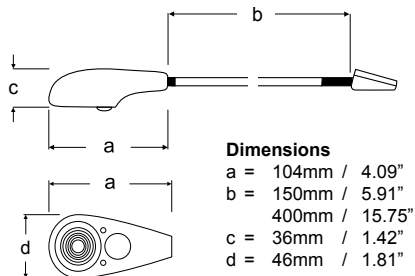
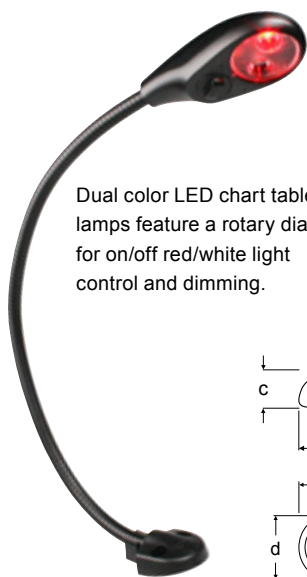


Module 70 6176 Series LED Deck Floodlights

Voltage	Housing Color	Part Number
9-30V DC	White Housing	996 276-471
9-30V DC	Black Housing	996 276-452

Courtesy and Safety Illumination

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



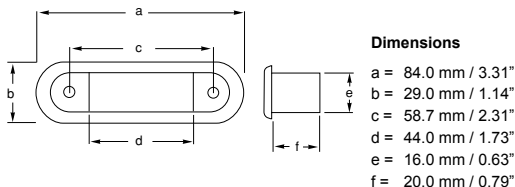
White Chart Table LED Lamps

Voltage	Shaft Length	Part Number
9-31V DC	6" / 150 mm	343 720-022
9-31V DC	16" / 400 mm	343 720-122

White / Red Light Chart Table LED Lamps

Voltage	Shaft Length	Part Number
9-31V DC	6" / 150 mm	343 720-522
9-31V DC	16" / 400 mm	343 720-622

Operating Voltage 12V or 24V DC systems
Power Consumption 0.5W (< 0.04A@12V / < 0.02A@24V)
Degree of Protection IP 67 - Completely Sealed



White Light LED Courtesy Lamps

Voltage	Part Number
10-33V	959 510-851

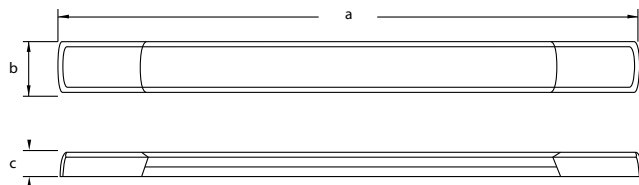
Blue Light LED Courtesy Lamps

Voltage	Part Number
10-33V	959 510-651

Red Light LED Courtesy Lamps

Voltage	Part Number
12V	959 510-701
24V	959 510-751

Operating Voltage 12V or 24V DC systems
Power Consumption <3W (< 0.25A@12V / < 0.125A@24V)
Degree of Protection IP 67 - Completely Sealed



Dimensions
a = 285 mm / 11.22"
b = 25.0 mm / 1.0"
c = 10.0 mm / 0.39"

White Light LED Strip Lamps <3W

Voltage	Part Number
12V DC	980 881-002
24V DC	980 881-102

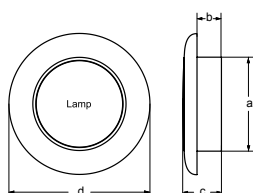
Blue Light LED Strip Lamps <2W

Voltage	Part Number
12V DC	980 881-402
24V DC	980 881-502

Red Light LED Strip Lamps <2W

Voltage	Part Number
12V DC	980 881-602
24V DC	980 881-702

Operating Voltage 12V or 24V DC systems
Power Consumption 0.5W (< 0.04A@12V / < 0.02A@24V)
Degree of Protection IP 67 - Completely Sealed



Dimensions
a = 50.0 mm / 1.97"
b = 13.0 mm / 0.51"
c = 21.0 mm / 0.83"
d = 75.0 mm / 2.95" with plastic rim
72.0 mm / 2.83" with stainless steel rim

White Light Round LED Courtesy Lamps

Rim Finish	12V Part Number	24V Part Number
316 stainless steel rim	980 500-521	980 501-521
White plastic rim	980 500-541	980 501-541
Black plastic rim	980 500-551	980 501-551

Blue Light Round LED Courtesy Lamps

Rim Finish	12V Part Number	24V Part Number
316 stainless steel rim	980 502-221	980 503-221
White plastic rim	980 502-241	980 503-241
Black plastic rim	980 502-251	980 503-251

Red Light Round LED Courtesy Lamps

Rim Finish	12V Part Number	24V Part Number
316 stainless steel rim	980 507-221	980 508-221
White plastic rim	980 507-241	980 508-241
Black plastic rim	980 507-251	980 508-251



LED Light Bars

Durable mini light bars for highly visible warning signals

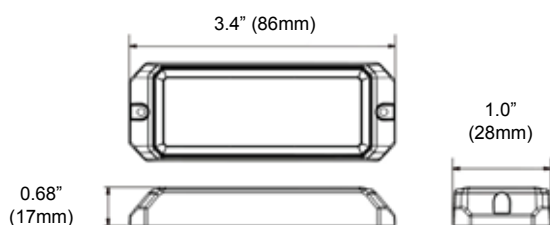


Compact and low profile housings suitable for a variety of mounting areas.
12 or 19 programmable flash modes and the ability to be synchronised to flash alternately or in unison.



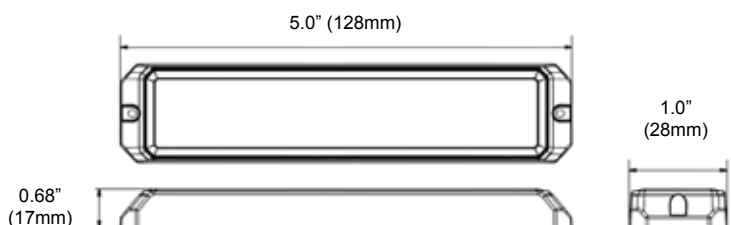
Highly efficient with a low power consumption, advanced Multivolt™ circuitry provides reliable illumination across a range of DC inputs from 11-30V for full light performance even during low battery voltage and voltage drop over long cable runs.

Lamp Type	MS3 Mini LED Lighthouse	MS6 Mini LED Lighthouse
Material Description	Die cast aluminium body, Rubber mounting gasket	
No of LEDs	3	6
Cable	Pre-wired with 150mm (6") of cable	
Operating Voltage	Multivolt™ 11-30V DC	
Degree of Protection	IP X8	
Power Consumption	<3W (<0.25A@12V <0.125A@24V)	<6W (<0.5A@12V <0.25A@24V)
Operating Temperature	-40°C to +60°C / -40°F to 140°F	
No. of Flash Patterns	12 (including steady on)	19 (including steady on)
Dimensions	86mm(w) x 17mm(h) x 28mm(d)	128mm(w) x 17mm(h) x 28mm(d)
Weight (including cable)	45g	70g
Approvals	SAE, e13	



MS3 Mini LED Lighthouses

Light Color	Black Base
Amber	H22891001
Blue	H22891021
White	H22891031
Red	H22891041



MS6 Mini LED Lighthouses

Light Color	Black Base
Amber	H22890001
Blue	H22890021
White	H22890031
Red	H22890041
Amber / White	H22890051
Red / Blue	H22890061
Red / White	H22890071



LED Light Bars

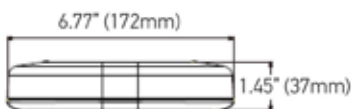
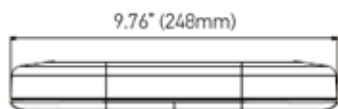
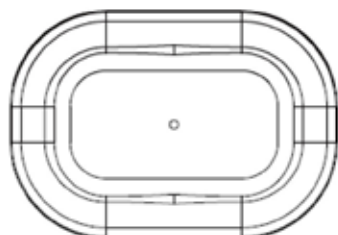
360° high intensity warning signals

23 programmable flash modes and the ability to be synchronised to flash in unison.



Highly efficient with a low power consumption, the tough polycarbonate housing offers a low profile installation. Advanced Multivolt™ circuitry provides reliable illumination across a range of DC inputs from 11-30V and full light performance during situations of low battery voltage and voltage drop over long cable runs.

Lamp Type	MLB 100 Micro LED Light Bar
Material Description	Polycarbonate housing
Cable	Pre-wired with 300mm (12") of cable
Operating Voltage	12 / 24V DC
Degree of Protection	IP X5
Average Consumption	25.2W (<2.10A@12V / <1.05A@24V)
Max Power Consumption	50W (<4.20A@12V / <2.08A@24V)
Operating Temperature	-40°C to +60°C / -40°F to 140°F
No. of Flash Patterns	23
Dimensions	248mm(w) x 37mm(h) x 172mm(d)
Weight (including cable)	1200g
Approvals	SAE, e13, ECE R65 (TA1, TB1)



MLB 100 Micro LED Light Bar

Light Color	Mounting	Black Base
Blue	Fixed	H27996081
Amber	Fixed	H27996001
Amber	Magnetic	H27996011



LED 360° Multi-flash Signal Lamps

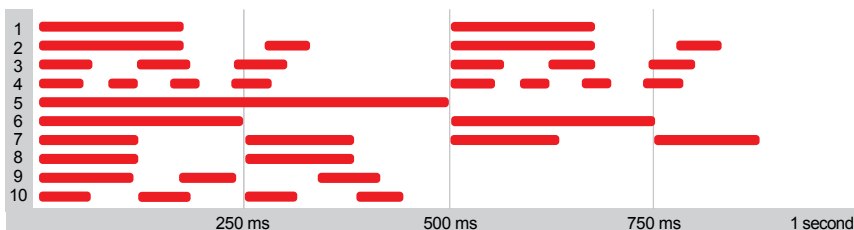
Ultra durable and efficient 360° all round signal lamps



Multi-purpose 360° signal lamps featuring an ultra heavy duty clear Grilamid® lens, 10 programmable flash modes and the ability to be synchronised to flash alternately or in unison.

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

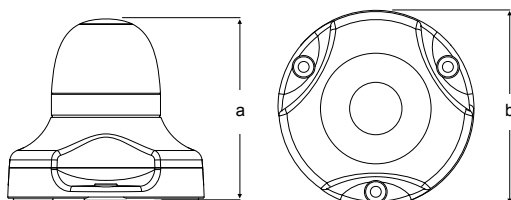
Advanced Multivolt™ circuitry provides reliable illumination across a range of DC inputs from 9-33 volts even during low battery voltages and voltage drop over long cable runs.



Lamp Type	360° Multi-flash Signal Lamps
Material Description	Ultra heavy duty Grilamid® lens
Cable	Pre-wired with 2.5m of multi core cable
Operating Voltage	Multivolt™ 9-33V DC
Voltage Protection	Spike protected to +500 volts Reverse polarity protected to -700 volts
Power Consumption	<5W (<0.42A@12V / <0.021A@24V (Continuously on) Less in flash modes
Degree of Protection	IP 67 - Completely Sealed
Weight (including cable)	150g
Approvals	CE

Dimensions

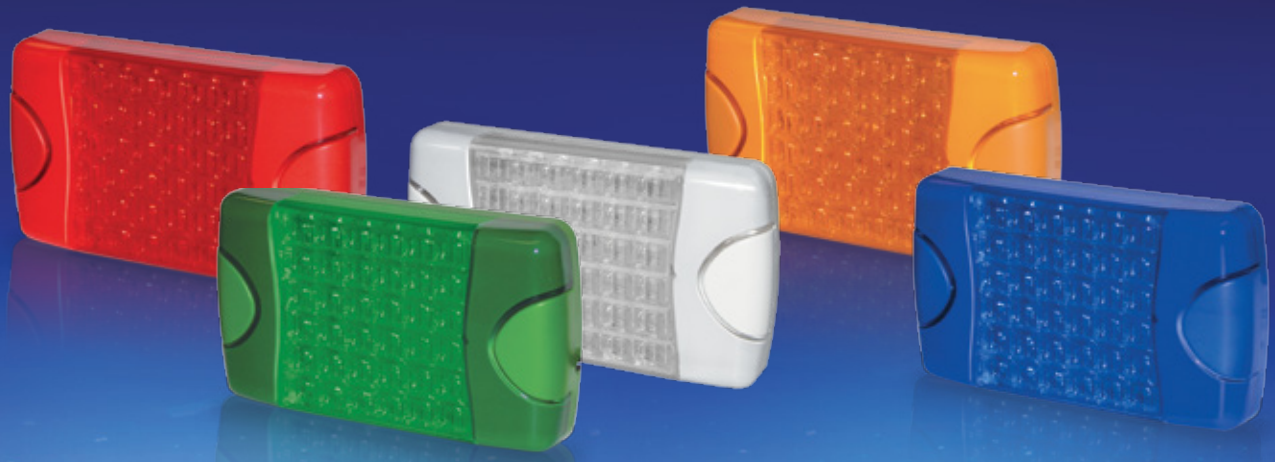
a = 83mm / 3.27"
b = 90mm / 3.54"



LED
Multivolt

360° Multi-flash Signal Lamps

Light Color	Black Base
White	980 911-001
Green	980 911-201
Red	980 911-401
Amber	980 911-601
Blue	980 911-701



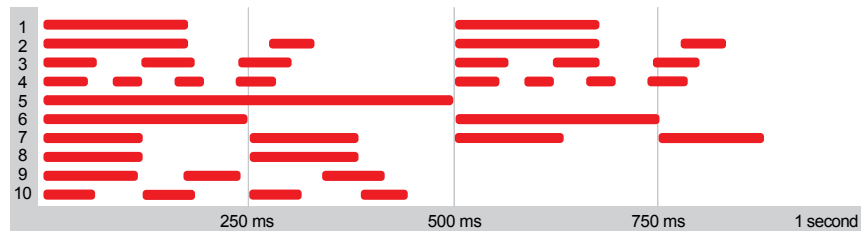
LED Multi-flash Signal Lamps

Ultra durable emergency lighting and signal warning panel lamps

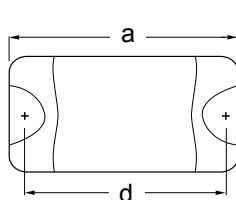
Multi-flash signal lamps provide 10 programmable flash modes and the ability to be synchronised to flash alternately or in unison.

Advanced Multivolt™ circuitry provides reliable illumination across a range of DC inputs from 9-33 volts even during low battery voltages and voltage drop over long cable runs.

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



Lamp Type	DuraLed® Multi-flash Signal Lamps
Material Description	Ultra heavy duty acrylic lens
Cable	Pre-wired with 2.5m of multi core cable
Operating Voltage	Multivolt™ 9-33V DC
Voltage Protection	Spike protected to +500 volts Reverse polarity protected to -700 volts
Power Consumption	<9W (<0.75A@12V / <0.375A@24V (Continuously on) Less in flash modes
Degree of Protection	IP 67 - Completely Sealed
Weight (including cable)	345g
Approvals	CE



Dimensions

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

LED
Multivolt

DuraLed® Multi-flash Signal Lamps

Light Color	Black Base
White	959 037-911
Green	959 037-811
Red	959 037-011
Amber	959 037-111
Blue	959 037-611

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Hella marine USA

201 Kelly Drive
PO Box 2665
Peachtree City, GA 30269
USA

Phone (770) 631-7500
Fax (770) 631-7560
Email: soe.sales@hella.com