



AQUALUMA[®]
LED LIGHTING



International patents apply

2013 MARINE CATALOGUE



Company Profile

Established in 2004 Aqualuma is a privately owned company based on the Gold Coast, Queensland Australia. Situated in the heart of the Australian marine industry, Aqualuma is widely regarded as the world's leading LED marine lighting manufacturer. Since 2004 Aqualuma has redefined the underwater light industry with superior technology and high-quality products, lighting the water, exterior and interiors of vessels around the world.

Aqualuma's iconic thru-hull range is the world's first and only underwater light range with a one-piece polymer housing unit that has no lenses or seals and is patented in 127 countries. Aqualuma's extensive research and development program has seen the range grow to include a comprehensive and versatile range of lighting, including thru-hull, submersible, deck and flood lighting.

Aqualuma's use of LED technology allows the company to help manufacturers and owners around the world become more energy efficient. Efficient manufacturing processes sees the minimization of energy consumption in every step of the production and distribution process. Aqualuma products are more than 90% recyclable.

Aqualuma operates globally with sales and service centers in Europe, Asia, Oceania, UAE and the Americas and products are distributed in more than 36 countries. Patented worldwide and with RINA certifications; Aqualuma products continue to be designed and manufactured in Australia.

A superior product range, market leading warranty and cutting edge technology, Aqualuma has made the choice easy for customers who desire the best in marine lighting.

In 2011 Aqualuma was voted "Australian Exporter of the Year" by AIMEX Australian International Marine Export Group, and in 2010, we were awarded the Sunseeker "Supplier of the year" for excellence and customer service.



Underwater Lighting Range & Warranty

Aqualuma revolutionized underwater lighting in 2004 with its thru-hull range, a unique upgradeable and serviceable LED underwater light. Aqualuma thru-hull lights are the world's first and only underwater lights with a one-piece housing that has no lenses or seals and can be serviced and upgraded without the need for haul out.

Corrosion-proof and injection-moulded, the thru-hull underwater lights feature Aqualuma's patented polymer housing, the most sophisticated and strongest material available in underwater lighting. These lights are virtually unbreakable and have been pressure tested to 396 metres (1300 feet) below sea level. The real advantage of the Aqualuma thru-hull system is the ability to continually upgrade without the need of haul out as LED technology advances. Many of Aqualuma's original customers have taken advantage of this service, to stay up-to-date with the latest in advancing technology.

Aqualuma's submersible range, which includes the Dock Light and Surface Mounts are also made from a high tech polymer and are non-corrosive. Aqualuma's thru-hull range features a world-leading, 3 year warranty that is unmatched by any other underwater light manufacturer. All other Aqualuma products carry an impressive 2 year warranty. The Aqualuma warranty is a total warranty, covering all components of the product.

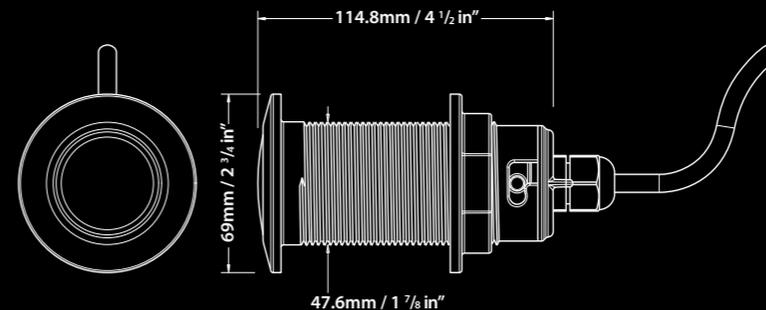




1 Series

Small boats can be just as bright as their larger counterparts with Aqualuma's 1 Series – a powerful range of bright lights for light craft.

Designed for tenders, ribs and smaller pleasure boats, the 1 Series is built from the same high-impact polymer material that Aqualuma has become famous for. The 1 Series is a very robust and affordable light, with easy installation and a current draw of less than 0.3 of an amp. The 1 Series' is fully serviceable and upgradeable without the need for haul out and only requires a 12 or 24 volt DC power source. Available in Ultra Blue and Brilliant White, this product is recommended for boats up to 8 metres (28 feet). As part of the thru-hull range, the 1 Series features Aqualuma's 3 year warranty.



Technical Specifications

- 3 year warranty
- Internally driven (plug in module)
- Wide angle elliptical beam 12° x 50°
- Meets World EMI standard
- No lens seal to leak
- Very low dc power consumption
- Reverse polarity protected
- Draws less than 0.3 of an amp per light @ 12 volt
- Very low heat emission
- Can be operated out of the water
- Long life, high output LED light engine
- Patented, High-Tech chemically resistant polymer housing
- No bonding to anodes required
- Light engine will accept 12 or 24 volt dc power source
- Internally serviceable
- Easy and low cost 2-wire installation
- Each light comes with 2 metres (6 feet) of tinned cable
- External ignition protection

Brilliant White

- Color temperature 9000 to 10000 degrees Kelvin (the colder the white the further it travels in water)
- Fixture Lumens : 175 lm
- Fixture Lumens Lowlight Conditions : 400 lm



Ultra Blue

- Color temperature 470nm (the color that travels further in salt water than any other)
- Fixture Lumens : 50 lm
- Fixture Lumens Lowlight Conditions : 870 lm

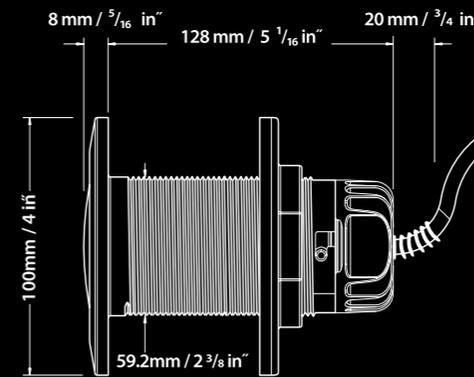
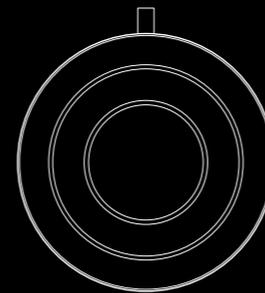




GEN III 3 Series

As the original and arguably most famous underwater light by Aqualuma, the 3 Series has a cult following.

Designed with long life in mind, the 3 Series is corrosion-proof and features Aqualuma's injection-moulded, patented polymer housing – the most sophisticated material in underwater lighting available. The 3 Series is fully serviceable and upgradable without the need for haul out and is supplied with 3.7 metres of cable. Available in Ultra Blue and Brilliant White, this product is recommended for boats ranging from 6 metres (20 feet) to 13 metres (45 feet). As part of the thru-hull range, the 3 Series features Aqualuma's 3 year warranty.



Technical Specifications

- Gen III LED technology
- 3 year warranty
- Patented, High-Tech chemically resistant polymer housing
- No lens seal to leak, low heat emission
- Low power consumption: 12 or 24 volt dc approx. 0.6 of an amp per light @ 12 volt or 0.3 of an amp @ 24 volt
- Meets World EMI standard
- Internally serviceable and upgradable without haul-out
- Can be operated in or out of the water
- No bonding to anodes required
- Reverse polarity protected
- External ignition protection
- Internally driven (plug in module)
- Each light comes with 3.7 metres (12 feet) of cable
- Easy and low cost 2-wire installation
- 60mm/2 3/8" thru-hull fitting
- Standard 12° or wide angle 12° x 50° elliptical optics

Brilliant White

- Color temperature 9000 to 10000 degrees Kelvin (the colder the white the further it travels in water)
- Fixture Lumens : 500 lm
- Fixture Lumens Lowlight Conditions : 1150 lm



Ultra Blue

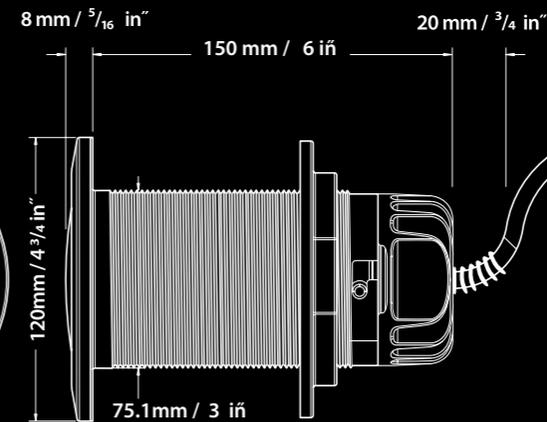
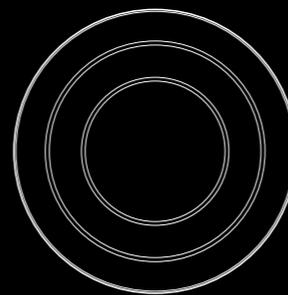
- Color temperature 470nm (the color that travels further in salt water than any other)
- Fixture Lumens : 140 lm
- Fixture Lumens Lowlight Conditions : 2450 lm



GEN III 6 Series

Bigger, better, brighter: as part of the iconic thru-hull range, the 6 Series is a serious light designed to illuminate larger boats.

The 6 Series is a larger thru-hull option. Don't be fooled by the compact size of the 6 series – this powerful light is capable of packing a serious punch. Like the famous 3 Series, the 6 Series has a corrosion-proof, injection-molded, patented polymer housing and is internally driven and maintainable. Available in Ultra Blue and Brilliant White, this product is recommended for boats from 12 metres (40 feet) to 30 metres (100 feet). As part of the thru-hull range, the 6 Series features Aqualuma's 3 year warranty and is fully serviceable and upgradeable without the need for haul out.



Technical Specifications

- Gen III LED technology
- 3 year warranty
- Patented, High-Tech chemically resistant polymer housing
- Internally serviceable and upgradeable
- 12 or 24 volt dc
- Current draw of less than 2.0 amps @ 12 volt or 1.0 amp @ 24 volt
- No bonding to anodes required
- Meets world EMI standard
- 4x standard optics
- 2 wide angle elliptical optics
- Throws both a deep penetrating and wide flat beam of light from the one unit
- No lens seals to deteriorate or leak
- Internally driven via 2x reverse polarity and over temp protected replaceable plug-in modules
- 3.7 metre (12 feet) of tinned marine cable
- Easy low cost 2-wire installation
- 75mm/3" thru-hull fitting
- External ignition protection

Brilliant White

- Color temperature 9000 to 10000 degrees Kelvin (the colder the white the further it travels in water)
- Fixture Lumens : 1020 lm
- Fixture Lumens Lowlight Conditions : 2340 lm



Ultra Blue

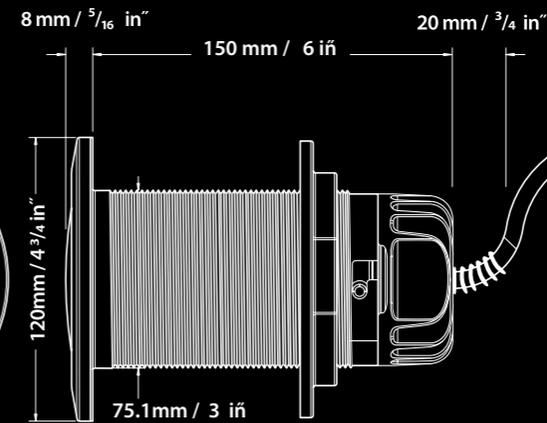
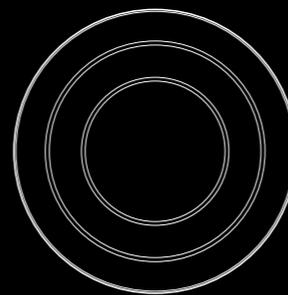
- Color temperature 470nm (the color that travels further in salt water than any other)
- Fixture Lumens : 300 lm
- Fixture Lumens Lowlight Conditions : 5250 lm



GEN III 12 Tri Series

The colourful Tri Series is all about offering choice. Deciding which Aqualuma product to purchase has just been made easier.

The Tri Series range combines the brilliance of the 12 Series with the body of the 6 Series and offers customers the choice of two colours in one housing. The Tri Series Gen III comes in ultra blue and brilliant white. Choose to operate just one of Aqualuma's famous light colours, or run them together to get a mix of two, at an intensity that is equal to the 12 Series. Manufactured in the incredibly robust one-piece, corrosion-proof and injection-molded polymer housing. As part of the thru-hull range, the Tri Series features Aqualuma's 3 year warranty and is fully serviceable and upgradeable without the need for haul out.



Technical Specifications

- Gen III LED technology
- 3 year warranty
- Patented, High-Tech chemically resistant polymer housing
- Low dc current draw, 12 or 24 volt dc
- 2 colors in the one unit can be run individually or together
- Internally serviceable and upgradeable
- 4x wide angle elliptical optics
- 8x standard optics
- Can be operated in or out of the water
- Meets World EMI standard
- Operating current:
 - with 1 of either colors: less than 1 amp @ 12 volt
 - with both colours: less than 2 amps @ 12 volt
- Internally driven via 2x reverse polarity and over temp protected replaceable plug-in modules
- Throws both a deep penetrating and wide flat beam of light from the one unit
- No bonding to anodes required
- 75mm thru-hull fitting

Brilliant White

- Color temperature 9000
- Fixture Lumens : 715 lm
- Fixture Lumens Lowlight Conditions : 1640 lm



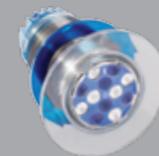
Ultra Blue

- Color temperature 470nm
- Fixture Lumens : 225 lm
- Fixture Lumens Lowlight Conditions : 3935 lm



Ultra Blue/Brilliant White

- Fixture Lumens : 940 lm
- Fixture Lumens Lowlight Conditions : 5575 lm

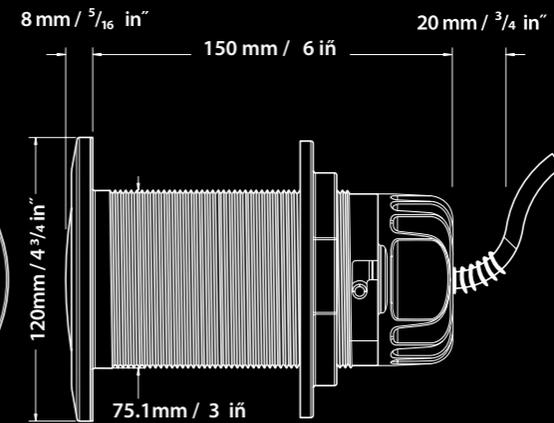
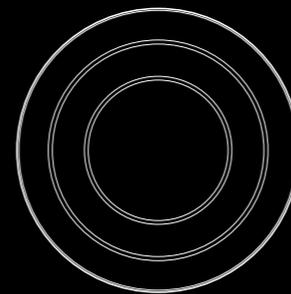




GEN III 12 Series

Bigger, best, brightest. The 12 series is the latest edition to Aqualuma's thru-hull range. Designed to illuminate the worlds largest superyachts.

The 12 Series is an all new light for 2012 and is our largest thru-hull option. Designed for large vessels and superyachts, the 12 series delivers a huge light output at an affordable price in our patented, one piece polymer housing and has the ability to be serviced from inside the vessel. The 12 series mega light is encased in our 6 series housing and gives Aqualuma 6 series owners the ability to upgrade to 12 series from inside the boat with no haul out.



Technical Specifications

- Gen III LED technology
- 3 year warranty
- Patented, High-Tech chemically resistant polymer housing
- Internally serviceable and upgradable
- 12 or 24 volt dc
- Current draw of less than 2.0 amps @ 12 volt or 1.0 amp @ 24 volt
- No bonding to anodes required
- Meets world EMI standard
- 8x standard optics
- 4x wide angle elliptical optics
- Throws both a deep penetrating and wide flat beam of light from the one unit
- No lens seals to deteriorate or leak
- Internally driven via 2x reverse polarity and over temp protected replaceable plug-in modules
- 3.7 metre (12 feet) of tinned marine cable
- Easy low cost 2-wire installation
- 75mm/3" thru-hull fitting

Brilliant White

- Color temperature 9000 to 10000 degrees Kelvin (the colder the white the further it travels in water)
- Fixture Lumens : 1430 lm
- Fixture Lumens Lowlight Conditions : 3280 lm



Ultra Blue

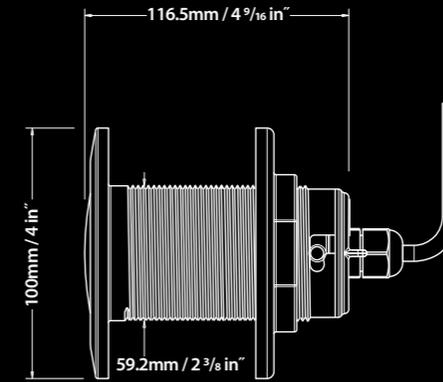
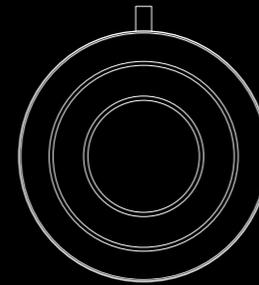
- Color temperature 470nm (the color that travels further in salt water than any other)
- Fixture Lumens : 450 lm
- Fixture Lumens Lowlight Conditions : 7870 lm



Luma-Vu

For those curious to find out what lies below the ocean's glassy surface, the Luma-Vu Underwater Camera will take you there.

The Luma-Vu Camera gives you a crystal clear view of what's happening in the ocean beneath you. Simply flick the switch on your Aqualuma Luma-Vu Camera, and a kaleidoscope of colour will be revealed. The Luma-Vu Underwater Camera continues Aqualuma's commitment to enhancing your boating experience. Manufactured with Aqualuma's famous corrosion-proof, injection-moulded polymer housing, this high resolution colour CCTV camera is virtually bullet proof (and definitely shark proof!). Luma-Vu will connect to any video input.



Technical Specifications

- 2 year warranty
- Colour CCTV camera
- Hi res 520 TV lines
- NTSC or Pal Format
- Scanning system NTSC 525 lines, PAL 625 lines
- 3.6mm lens = 92° viewing angle
- 12 volt dc power source (tolerance 10-15 volt)
- Operating current 130 mA
- Sony image sensor
- Front face and sealing flange 110mm/4.33"
- Overall length 110.5mm/4.35"
- Hole saw size 60mm/2 3/8"
- Supplied with 15 metre (49 feet) of video and power supply cable.
- Scratch resistant polymer housing
- Auto iris
- Luma Vu Camera is mounted in a 3 Series housing

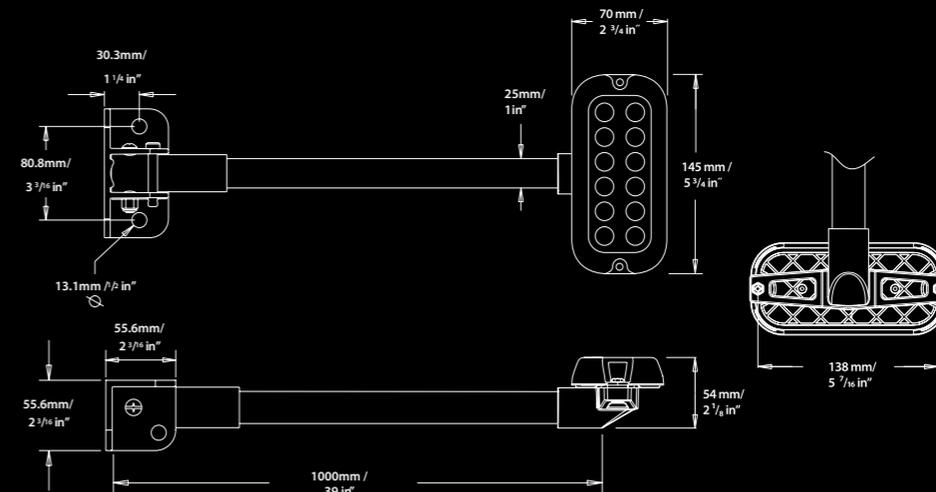




Dock Light

Aqualuma's premium quality Dock Light is putting light into docks and marinas around the world.

The all new 2013 Dock Light is a totally redesigned light and has a greater output than its predecessor. With 12 high powered LED's and new optics, this is sure to offer a fantastic light display to docks and marina's. The Dock Light has no metal parts in contact with the water and its leak proof construction eliminates corrosion worries, as well as withstanding environmental forces. Incredibly durable, its 12 LEDs are housed in a high-tech, polymer housing.



Technical Specifications

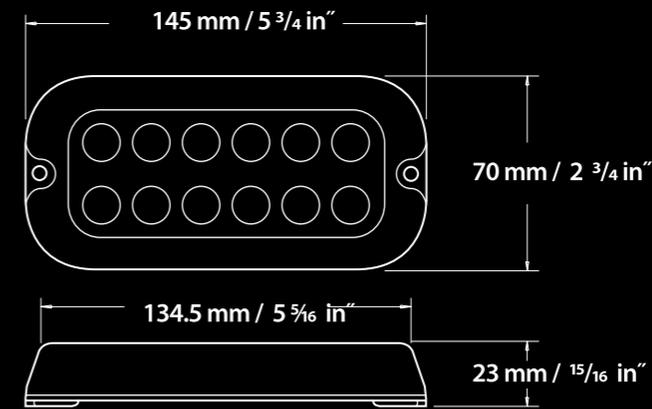
- Cable length 6 metres (19.6 feet) of tinned submersible cable
- Cable diameter 6mm/1/4 inch
- Can accept 12 or 24 volt dc
- Current draw less than approximately 2 amps @ 12 volt dc and 1 @ 24 volt dc
- High-tech polymer housing
- Reverse polarity protected
- Long life, high output
- 12 LED light engine
- Low cost installation
- Fiberglass pole, nylon mounting bracket and 316 S/S pin included
- Quick release bracket system for ease of cleaning
- Available in Brilliant White and Ultra Blue
- Light output as per FF12
- 2 year warranty



FF12 Surface Mount

The new FF12 Surface Mount is the ultimate in performance where a Surface Mounted underwater light is the only option.

The FF12 has replaced the very successful FF9 with a new design, higher output and built in thermo control allowing greater life and wider applications. The FF12 caters to small boats and larger boats where a thru-hull fitting is not possible. The FF12 is a fully self contained fitting with a simple 2 wire installation. The FF12 produces both distance and width from the one fitting and can be mounted on any flat surface.



Technical Specifications

- Cable length 2 metres (6 feet) of tinned submersible cable
- Cable diameter 6mm/1/4 inch
- Can accept 12 or 24 volt dc
- Current draw less than 2 amps @ 12 volt dc and 1 @ 24 volt dc
- High-tech polymer housing
- Reverse polarity protected
- Long life, high output 12 LED light engine
- Low cost installation
- Fitting kit contains mounting screws and drilling template
- Recommended for any vessel where thru-hull applications are not suited
- Available in Brilliant White and Ultra Blue
- 2 year warranty

Brilliant White

- Color temperature 9000 to 10000 degrees Kelvin (the colder the white the further it travels in water)
- Fixture Lumens : 2000 lm
- Fixture Lumens Lowlight Conditions : 4390 lm



Ultra Blue

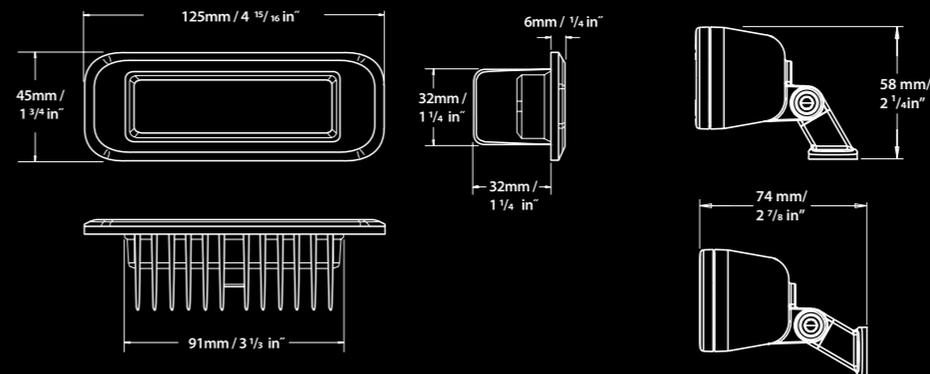
- Color temperature 470nm (the color that travels further in salt water than any other)
- Fixture Lumens : 600 lm
- Fixture Lumens Lowlight Conditions : 10460 lm



Spreader Light 4

The new SL14 comes in two versions; Flush Mount and Bracket Mount allowing functionality and smooth styling for a wide range of applications.

New for 2013 the SL4 is available in both flush mount and bracket mount versions in either white or S/S bezel. With the high demand of our SL9 we chose to give more options and now have the SL4 and SL12 in the new configurations. Both versions of the light are easy to install, offering a fantastic output and a neat appearance. Manufactured in marine grade aluminium and powder coated with a stainless steel or white bezel.



Technical Specifications

- Cable length 2 metres (6 feet)
- Current draw less than 1.4 amps @ 12 volt dc
- Reverse polarity protected
- Low cost install
- Available in 9000k White
- Long life, high output 4 LED light engine
- Can accept 12 or 24 volt dc
- White or S/S bezel
- Recommended for any vessel where quality deck lighting is essential
- Powder coated aluminium housing with scratch resistant polymer lens
- Very wide beam to illuminate large areas
- 2 year warranty

Brilliant White

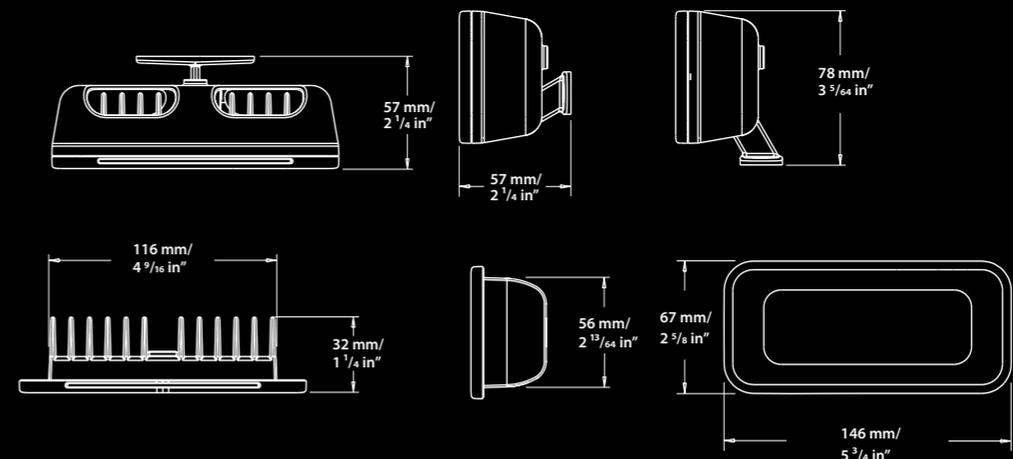
- Color temperature 8000 degrees Kelvin
- Fixture Lumens : 650 lm



Spreader Light 12

The new SL12 comes in two versions; Flush Mount and Bracket Mount allowing functionality and smooth styling for a wide range of applications.

New for 2013 is the very powerful SL12. This unit has built in thermo control to monitor heat and will automatically ramp itself down if left on during excessively hot days. The SL12 is available in flush or bracket mount versions. Both versions of the light are easy to install, offering a fantastic output and a neat appearance. Manufactured in marine grade aluminium and powder coated with a stainless steel or white bezel.



Technical Specifications

- Cable length 2 metres (6 feet)
- Current draw less than 2 amps @ 12 volt dc
- Reverse polarity protected
- Available in flush or bracket mount
- Available in 8000k White
- Long life, high output 12 LED light engine
- White or S/S bezel
- Can accept 12 or 24 volt dc
- Recommended for any vessel where quality deck lighting is essential
- Powder coated aluminium housing with scratch resistant polymer lens
- Very wide beam to illuminate large areas
- 2 year warranty



Brilliant White

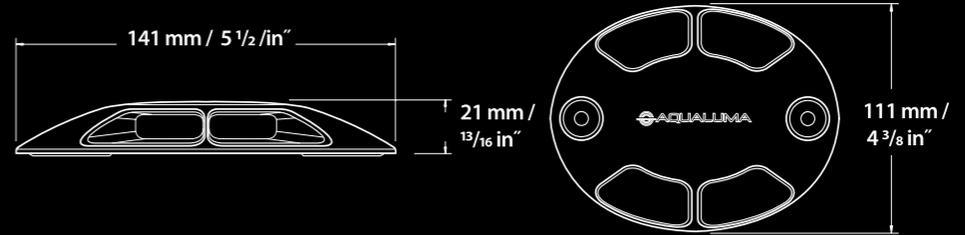
- Color temperature 8000 degrees Kelvin
- Fixture Lumens : 2000 lm



Pathway Light

The Pathway Light casts a flat beam of light in two directions for marina walkways and general land based pathways and wall wash applications.

Made from die cast stainless steel this light is designed for many applications including marina walkways, driveways, parks and anywhere an illumination is required without glare. The pathway light throws a flat wide beam of light to produce accent lighting and safety lighting to areas where pedestrian traffic is likely. Colours can be mixed i.e. For a path it can be white on the path side and green on the lawn side. Also available in white and blue combination for marina's. Combination can be customized.



Technical Specifications

- 12 AC / DC
- 2 year warranty
- Current draw less than .2 of an amp @ 12 v
- Reverse polarity protected
- Low cost install
- Long life, high output LEDs
- can be driven over
- Super slim profile
- Throws a wide flat beam with no upwards glare
- IP 67 Rated
- Housing 316 marine grade S/S
- Available in various combinations: white/white, white/blue, white/green, blue/blue, green/green and blue/green





Visit Us

Visit our new show booth at the following major boat shows.

Show Name	Location	Show Date
Miami International Boat Show	Miami Florida	14 - 18 February
Dubai International Boat Show	Dubai, UAE	5 - 9 March
Shanghai International Boat Show	Shanghai, China	11 - 14 April
Sanctuary Cove International Boat Show	Gold Coast Australia	23 - 26 May
Sydney International Boat Show	Sydney Australia	1 - 5 August
Genoa Boat Show	Genoa, Italy	5 - 13 October
Fort Lauderdale International Boat Show	Fort Lauderdale, Florida	31 Oct - 4 Nov
METS	Amsterdam	19 - 21 November

We also attend many regional shows world wide.

Upgrade to GEN III

Did you know that all Aqualuma Thru-hull fittings can be upgraded to the latest generation, with one simple process shown below. This upgrade can be done while the boat is in the water.



Existing fitting

Twist end cap clockwise and remove internals.

Slide new Generation internals into housing.

Twist cap anti clockwise, connect wire and you are done.

Notes

Light Fitting Guide

Boat Length		10-25 Ft	25-35 Ft	35-45 Ft	45-60 Ft	60-80 Ft	80-200 Ft
		3-7.5 Mtr	7.5-10.5 Mtr	10.5-14 Mtr	14-18 Mtr	18-24 Mtr	24-60 Mtr
1 Series		✓✓✓💧	✓☑️💧	✗✗	✗✗	✗✗	✗✗
3 Series		✓✓✓💧	✓✓✓💧	✓✓✓💧	✓☑️💧	✓☑️💧	✗✗
6 Series		✓☑️💧	✓✓✓💧	✓✓✓💧	✓✓✓💧	✓☑️💧	✓☑️💧
12 Series		✓☑️💧	✓☑️💧	✓✓✓💧	✓✓✓💧	✓✓✓💧	✓✓✓💧
Tri Series 12		✓☑️💧	✓☑️💧	✓✓✓💧	✓✓✓💧	✓✓✓💧	✓✓✓💧
FF12		✓☑️	✓✓✓	✓✓✓	✓✓✓	✗✗	✗✗

Legend	✓✓✓	✓☑️	✗✗	💧
		Highly Recommended	Recommended. There are better options	Not Recommended

Please note the above chart is a guide only. Consult an Aqualuma dealer if you require additional assistance.



COMMERCIAL & INDUSTRIAL LED LIGHTING RANGE

MARINE LIGHTING LED MARINE LIGHTING RANGE

THE WORLD'S MOST EFFICIENT LIGHTING

Commercial & Industrial



Marine Lighting



Distributed by



Designed and manufactured in Australia

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*All information contained in this brochure is correct at time of publication.