



Hella marine



APELO
Underwater Lighting Brilliance

APELO

Underwater lighting brilliance.

Optical Intelligence lets you bathe the water around you in vibrant blue or intense white light.

Spectacular colour at your fingertips - choose any colour to suit your mood with Apelo RGB*



Apelo A1 1800 Lumen



- Intense white and vibrant blue illumination, or select Apelo RGB* for complete control of the colour spectrum
- Optical Intelligence: Wide horizontal illumination with a narrow vertical angle for spectacular effect
- Corrosion resistant thermal polymer housing and Grilamid high strength nylon lens
- Completely sealed and electronically protected
- Robust surface mount design
- Advanced thermal management ensuring ongoing protection and no damage by operation out of the water
- Charcoal or white lens
- Suitable for hulls of any material

Blue/White



RGB*



| Specifications | |
|----------------------|---|
| Lumen | 1800 (White) |
| Lens Material | Grilamid®. A high strength, UV resistant optical Nylon |
| Base Material | Corrosion-resistant thermal polymer housing |
| Colour Temperature | 6000K (White) |
| Pre-wired Cable | 2.5m / 8.2ft of multi-core marine cable |
| Operating Voltage | 9-32V DC |
| Voltage Protection | Spike protected to +500 volts Reverse polarity protected to -700 volts |
| Power Consumption | Blue/White <20W / <1.67A@12V, <0.83A@24V RGB <15W / <1.25A@12V, <0.63A@24V |
| Degree of Protection | IP68 / IP69 |
| Weight (incl. cable) | Blue/White 250g, RGB 300g |
| Installation | Surface mount with robust mounting system |
| Diameter | 95mm / 3,3/4" |
| Approvals | CE, ISO 8846 (Ignition Protection) |

* Connect Apelo RGB lamps to an RGB lighting controller for unlimited colour selection.

Apelo A1 Part Numbers (Retail Pack)

| Light Colour | White Lens | Charcoal Lens |
|--------------|-----------------|-----------------|
| Blue/White | 2LT 016 145-011 | 2LT 016 145-001 |
| RGB | 2LT 016 146-011 | 2LT 016 146-001 |

Apelo A1 Part Numbers (Trade Carton)

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



Apelo A2 showcases **Edge Light** technology.

Light up with **Edge Light** anytime!

Illuminate your transom with a unique and elegant effect whilst launching or retrieving, or while on the boat lift.

Light up during wash down, flushing engines or when loading gear.

Edge Light is bright enough to be visible in daylight without the brilliant intensity of the underwater light mode.

Apelo A2 3000 Lumen



- Intense white and vibrant blue illumination, or select Apelo RGB* for complete control of the colour spectrum
- Edge Light technology for subtle illumination at any time
- Optical Intelligence: Wide horizontal illumination with a narrow vertical angle for spectacular effect
- Corrosion-resistant hard Anodised aluminium housing and Grilamid® high strength nylon lens
- Completely sealed and electronically protected
- Robust surface mount design
- Advanced thermal management ensuring ongoing protection and no damage by operation out of the water
- Suitable for aluminium hulls only

White / Blue



RGB*



Edge Light



| Specifications | |
|-----------------------------|--|
| Lumen | 3000 (White) |
| Lens Material | Grilamid®. A high strength, UV resistant optical Nylon |
| Base Material | Hard anodised corrosion resistant aluminium |
| Colour Temperature | 5000K (White) |
| Pre-wired Cable | 2.5M / 8.2ft of multi-core marine cable |
| Operating Voltage | 9-32V DC |
| Voltage Protection | Spike protected to +500 volts Reverse polarity protected to -700 volts |
| Power Consumption | Blue/White <30W / <2.5A @ 12V, 1.25A @ 24V RGB <30W / <2.5A @ 12V, 1.25A @ 24V Edge Light <2W / <0.25A@12V, <0.13A @ 24V |
| Degree of Protection | IP68 / IP69 |
| Weight (incl. cable) | Blue/White 250g, RGB 300g |
| Installation | Surface mount with robust mounting system |
| Diameter | 95mm / 3, 3/4" |
| Approvals | CE, ISO 8846 (Ignition Protection) |

* Connect Apelo RGB lamps to an RGB lighting controller for unlimited colour selection.

Apelo A2 Aluminium Part Numbers (Retail Pack)

| Light Colour | Charcoal Lens |
|--------------|-----------------|
| Blue/White | 2LT 016 147-001 |
| RGB | 2LT 016 148-001 |

Apelo A2 Aluminium Part Numbers (Trade Carton)

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

Optical intelligence is the heart of Hella marine lighting

Apelo introduces a precision engineered optical distribution system, efficiently capturing and projecting light.

The result is a wide horizontal spread of colour across the water with spectacular effect.

Wide 90° spread of illumination.

Twin Apelo A2 illumination model on an 8m (26ft) hull

Triple Apelo A2 illumination model on a 12m (40ft) hull

Apelo A2 3000 Lumen

- Intense white and vibrant blue illumination, or select Apelo RGB* for complete control of the colour spectrum
- Edge Light technology for subtle illumination at any time
- Optical Intelligence: Wide horizontal illumination with a narrow vertical angle for spectacular effect
- Corrosion resistant marine grade bronze housing and Grilamid® high strength nylon lens
- Completely sealed and electronically protected
- Robust surface mount design
- Advanced thermal management ensuring ongoing protection and no damage by operation out of the water
- Suitable for fibreglass, timber, steel and composite hulls (not suitable for aluminium hulls)

| Specifications | |
|----------------------|--|
| Lumen | 3000 (White) |
| Lens Material | Grilamid®. A high strength, UV resistant optical Nylon |
| Base Material | Marine grade bronze |
| Colour Temperature | 5000K (White) |
| Pre-wired Cable | 2.5M / 8.2ft of multi-core marine cable |
| Operating Voltage | 9-32V DC |
| Voltage Protection | Spike protected to +500 volts Reverse polarity protected to -700 volts |
| Power Consumption | Blue/White <30W / <2.5A @ 12V, 1.25A @ 24V RGB <30W / <2.5A @ 12V, 1.25A @ 24V Edge Light <3W / <0.25A@12V, <0.13A @ 24V |
| Degree of Protection | IP68 / IP69 |
| Weight (incl. cable) | Blue/White 600g, RGB 650g |
| Installation | Surface mount with robust mounting system |
| Diameter | 95mm / 3, 3/4" |
| Approvals | CE, ISO 8846 (Ignition Protection) |

* Connect Apelo RGB lamps to an RGB lighting controller for unlimited colour selection.

Blue/White

RGB*

Edge Light

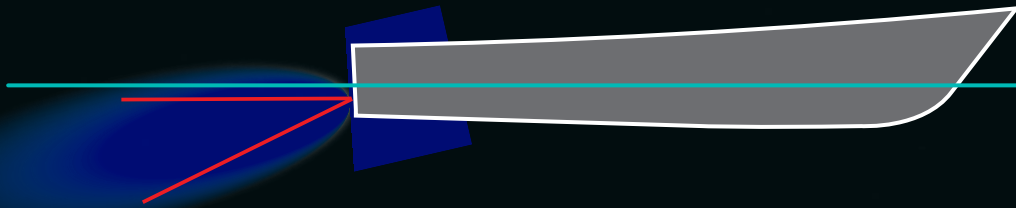


Apelo A2 Bronze Part Numbers (Retail Pack)

| Light Colour | White Lens |
|--------------|-----------------|
| Blue/White | 2LT 016 147-101 |
| RGB | 2LT 016 148-101 |

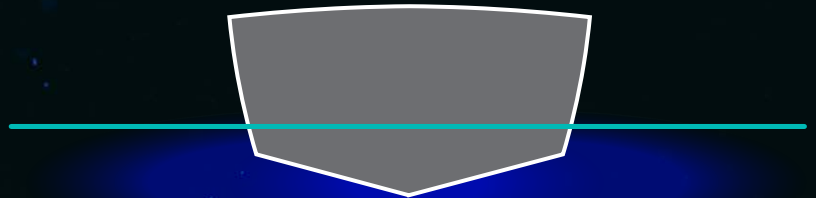
Apelo A2 Bronze Part Numbers (Trade Carton)

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



Optical intelligence in action across the transom

Apelo features an asymmetric light pattern with a narrow vertical angle to focus light efficiently below the waterline.



New Zealand Made

Designed and manufactured in New Zealand.



Edge Light Technology

Apelo A2 showcases Edge Light, distinctive glowing signatures of elegant illumination bordering the lamp front.



5 Year Warranty

All LED based lighting products manufactured by Hella marine carry a 5 year warranty covering faults in material, components or workmanship.



Optical Intelligence

Apelo lamps project a wide horizontal spread of colour across the water with spectacular effect. Asymmetric light patterns focus light efficiently below the waterline.



Multivolt Technology for Durability

Full light performance and automatic compensation for low battery voltages and voltage drop across long cables and connections. Reverse polarity and spike protected for enhanced durability even under severe voltage fluctuations.



Outstanding UV and Impact Resistance

Apelo features advanced impact resistant polymers that will not yellow or deteriorate even after extreme exposure to UV.



Electromagnetic Compatibility (EMC)

Apelo components suppress possible interference, preventing possible interference with radio, communication, navigation and other electrical equipment.



Dry Running Protected

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



IP68 & IP69 - Completely Sealed

Preventing moisture from corroding internal LED electronics is vital for long term durability. Apelo lamps are completely sealed and purpose designed for underwater installations.



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.

Spectacular colour at your fingertips



Apelo A1 Blue/White



White

Blue

Toggle to select blue or white light.



Apelo A2 Blue/White



White

White Strobe

Blue

Blue Strobe

Toggle to cycle through modes.

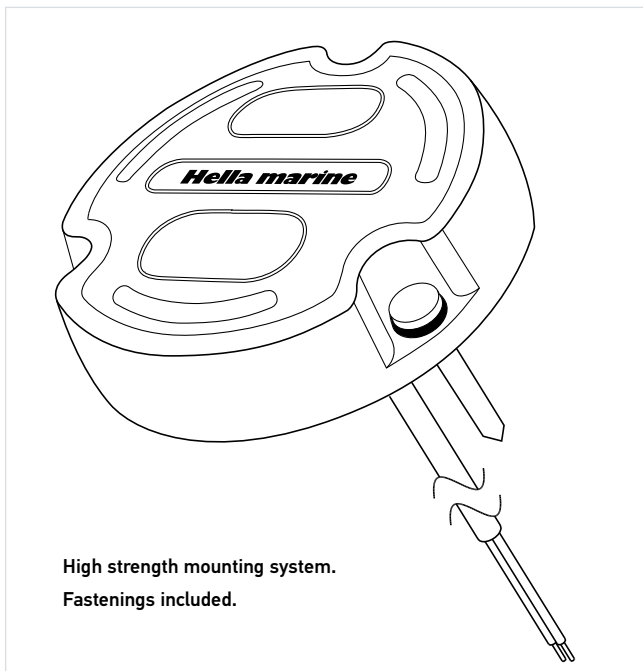


Apelo A1 & Apelo A2 RGB

Connect Apelo RGB lamps to an RGB lighting controller for unlimited colour selection.



Robust Surface Mount Design



High strength mounting system.
Fastenings included.

Pre-wired with 2.5m marine cable

Apelo A1 and Apelo A2 Blue/White lamps

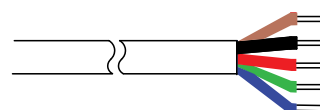


Red +ve Positive

Black -ve Negative

Toggle to select constant or strobing blue or white light.

Apelo A1 and Apelo A2 RGB lamps



Power

Brown +ve Positive

Black -ve Negative

RGB Control

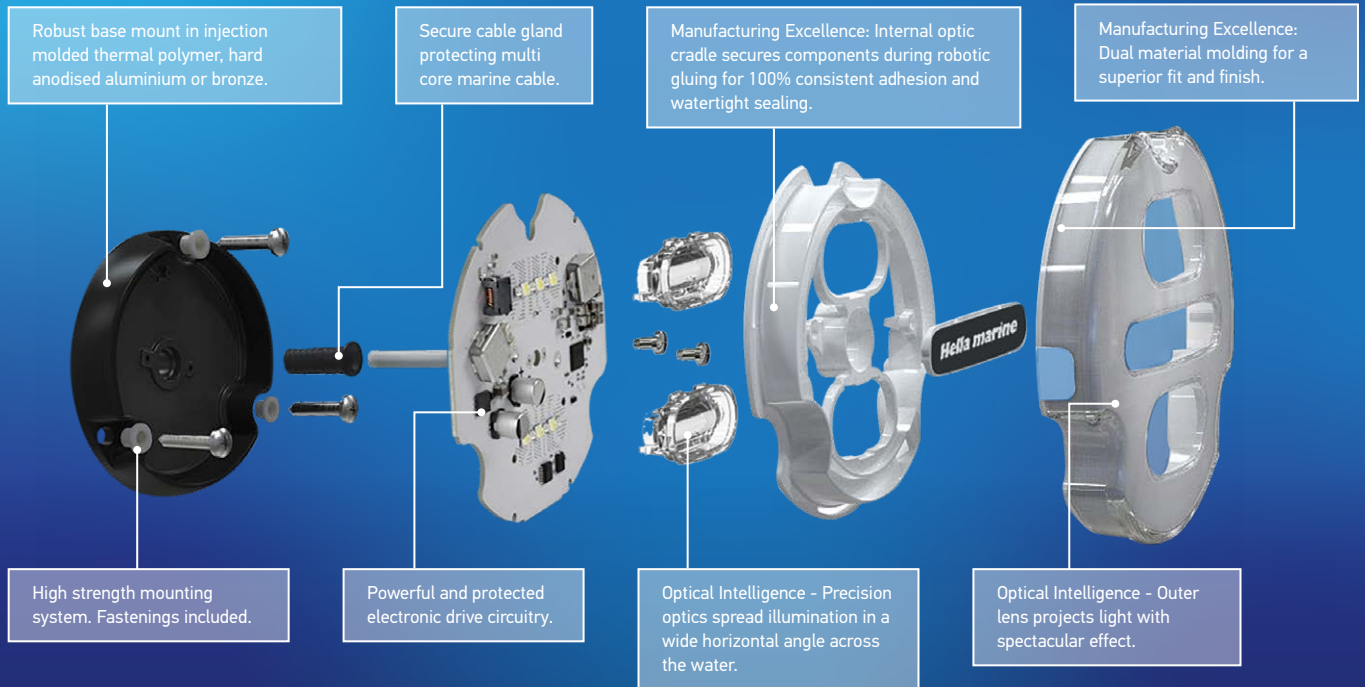
Red -ve Red LED

Green -ve Green LED

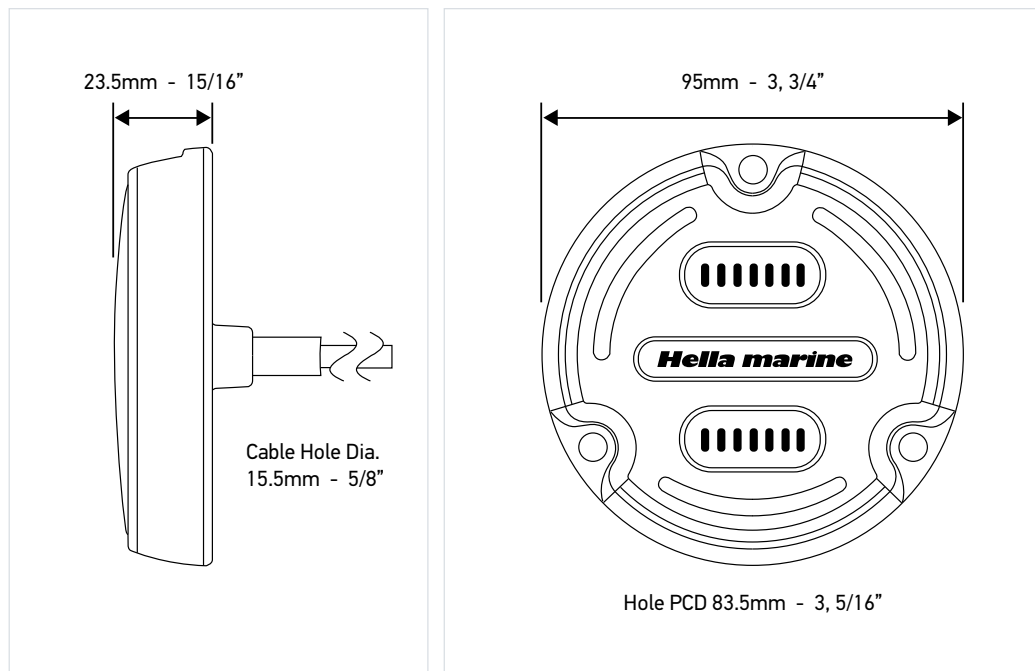
Blue -ve Blue LED

Connect to an RGB controller for unlimited colour control.

Manufacturing Excellence



Apelo Dimensions





Hella marine

APELO

Underwater Lighting Brilliance

Blue/White



RGB



Apelo A1 1800 Lumen

Thermal Polymer Housing

| Light Colour | White Lens | Charcoal Lens |
|--------------|-----------------|-----------------|
| White / Blue | 2LT 016 145-011 | 2LT 016 145-001 |
| RGB | 2LT 016 146-011 | 2LT 016 146-001 |

Blue/White



RGB



Edge Light



Apelo A2 3000 Lumen

Hard Anodized Aluminium Housing with Edge Light - Charcoal Front

| Light Colour | Charcoal Lens |
|--------------|-----------------|
| White / Blue | 2LT 016 147-001 |
| RGB | 2LT 016 148-001 |

Blue/White



RGB



Edge Light



Apelo A2 3000 Lumen

Marine Grade Bronze Housing with Edge Light - White Front

| Light Colour | White Lens |
|--------------|-----------------|
| White / Blue | 2LT 016 147-101 |
| RGB | 2LT 016 148-101 |

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