



**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



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 (not recommended for permanently moored vessels)

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

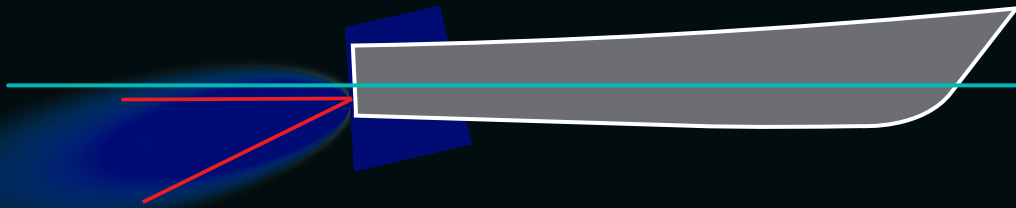


### Apelo A2 Bronze Part Numbers (Retail Pack)

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

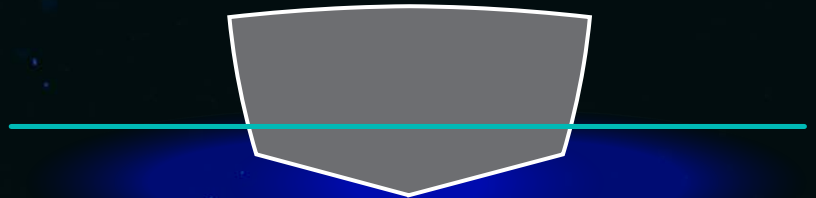
### Apelo A2 Bronze Part Numbers (Trade Carton)

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.

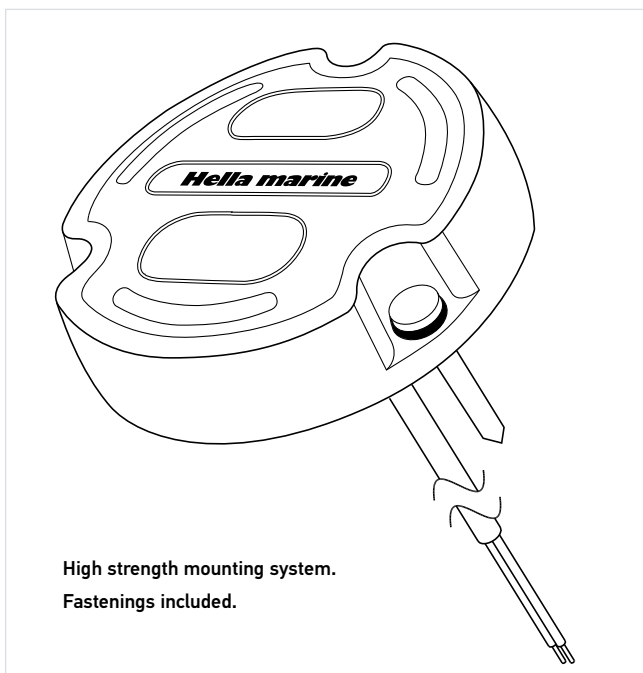


## Apelo A1 & Apelo A2 RGB

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

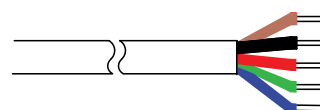


Red +ve Positive

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

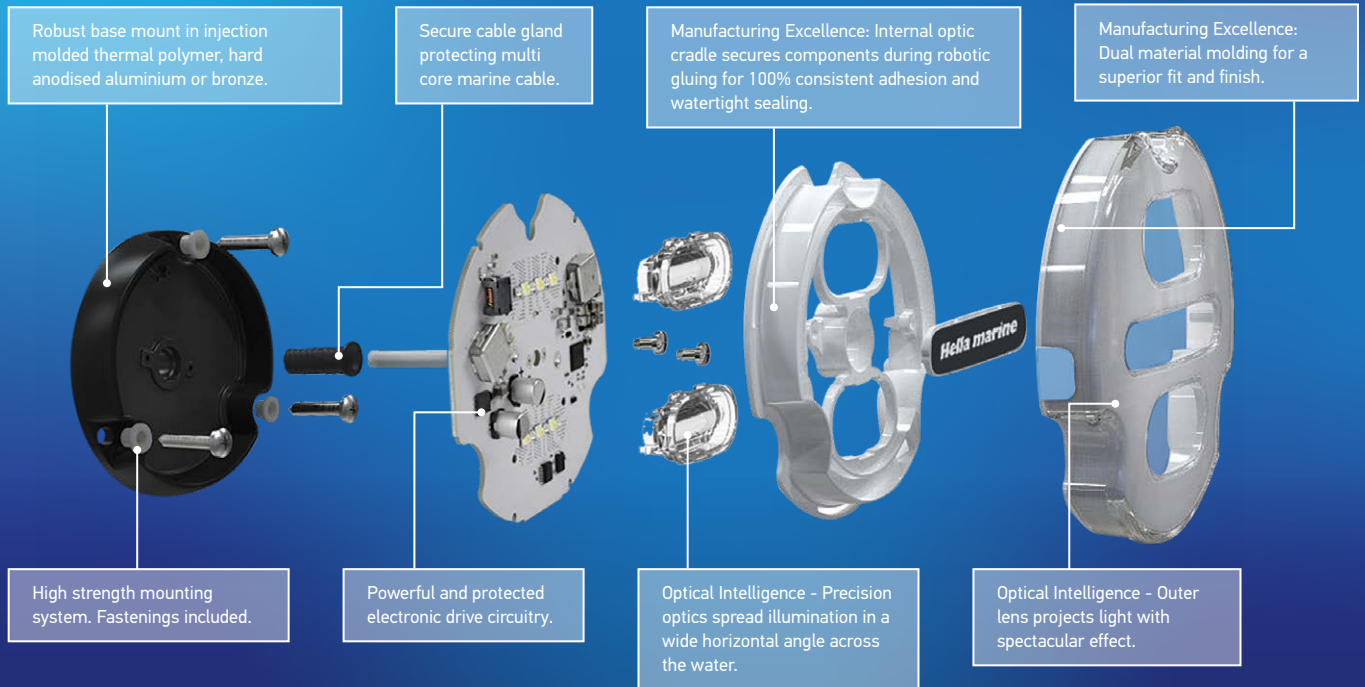
Red -ve Red LED

Green -ve Green LED

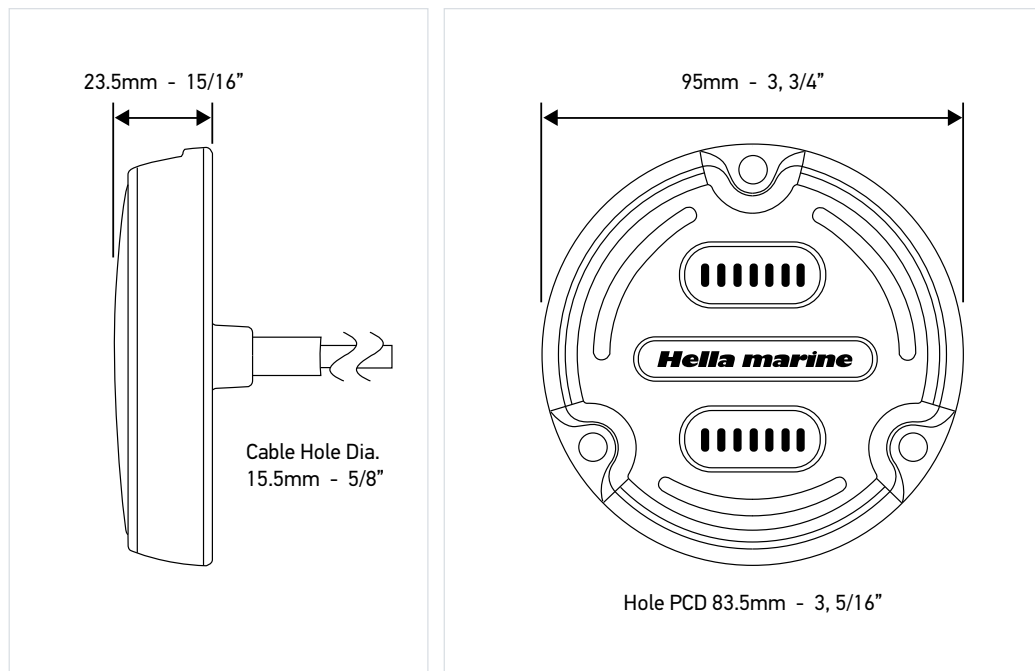
Blue -ve Blue LED

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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