



Hella marine



Discover a World of Colour

APELO

Lighting Ecosystem

SYNCHRONIZED VIBRANT COLOUR

Apelo Light Controller

Transform your space into a stunning visual display, with unified control of all Apelo RGB/W Underwater, Interior, Flood, and Courtesy lamps; plus a selection of universal RGB products.

Effortlessly group and intelligently network multiple sets of lights and controllers wirelessly over Bluetooth® Mesh. Show your true colours with fully synchronized, completely customizable lighting throughout your vessel.



Customizable Lighting

Easily create custom RGB/W lighting and animations, or switch between preset modes, combining convenience and creativity in every use.



Bluetooth® Mesh Communication

Minimal wiring required for controller integration – the units communicate wirelessly over robust peer-to-peer Bluetooth® Mesh networking.



Effortless Control

Seamlessly move between a multi-pole switch and the intuitive Apelo App to control your lighting.



Synchronized Lighting

Synchronize light colours and groups throughout your vessel. Settings are distributed between and stored on connected controllers, so a constant Smartphone connection isn't required.

Apelo Light Controller App

Pair the Apelo App with the Apelo Light Controller for infinite creativity and control of all compatible connected RGB/W lighting.

Enjoy the convenience of centralized control in the palm of your hand. Whether you have a smaller pleasure craft, or large luxury vessel, Bluetooth® Mesh ensures easy, wireless control from anywhere on board.

Use the intuitive Apelo App to easily manage multiple controllers and light groups, access built-in presets, and express yourself with vivid colours and vibrant custom lighting sequences throughout your craft.



No Phone? No Worries...

Directly wired Switch control allows for simple cycling through colour modes; press and hold, and the lights will dim or brighten. Switch control can be used alongside the Apelo Light Controller and Apelo App.

Control more than just RGB

Apelo Light Controller is also able to manage single colour, dual colour, dual function, and dual intensity lights such as EuroLED 75/95, dual intensity Sea Hawk XLR floodlights, and Sea Hawk Light bars.



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| Description | Pack Qty | Part Number |
|------------------------|----------|-----------------|
| Apelo Light Controller | Single | 5XA 285 814-001 |

See page 10-11 for full specifications.



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APELO CONTROLLER BRINGS IT ALL TOGETHER

Control

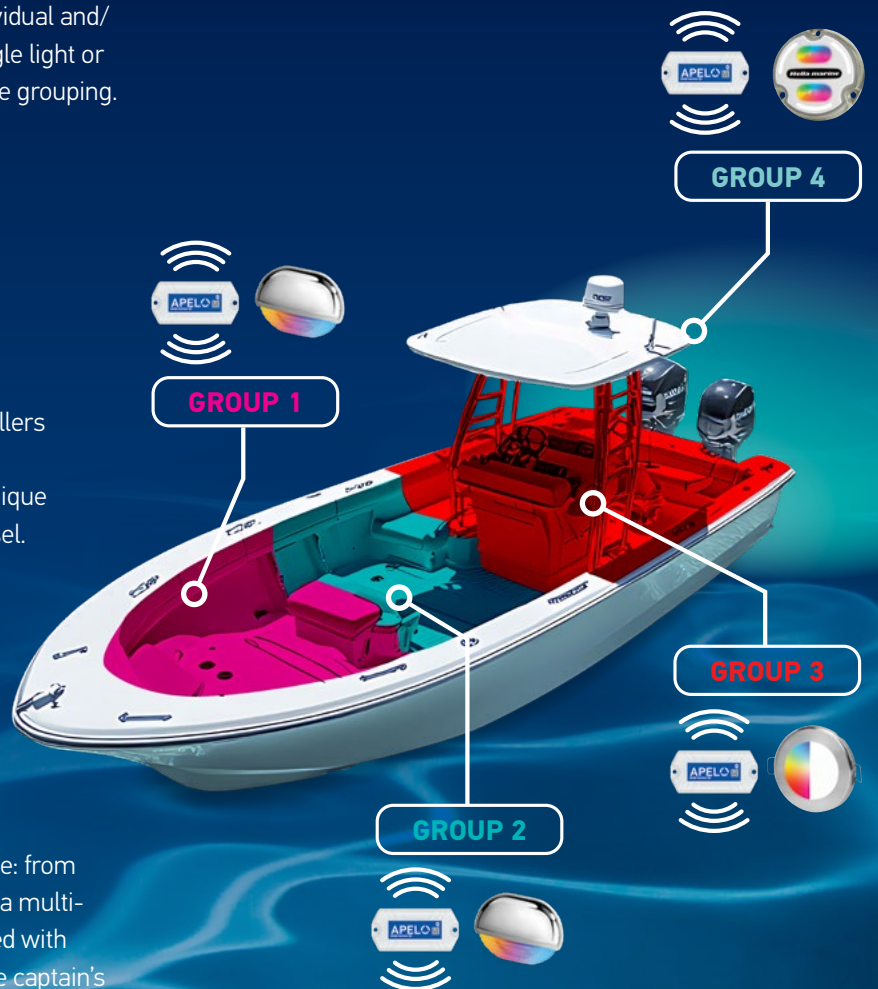
Connect Apelo Light Controllers to any combination of compatible Apelo RGB and RGB/W Underwater, Interior, Flood, and Courtesy lamps for individual and/or synchronized control. Easily adjust a single light or trigger a colour pattern throughout an entire grouping.

Group

Use the intuitive Apelo App to easily group multiple lights and manage multiple controllers (individually, or groups containing multiple controllers and lights), to create areas of unique colours and functions throughout your vessel. All without additional wiring.

Create

Make it as simple or as advanced as you like: from basic coloured mood and safety lighting, to a multi-colour, animating entertainment area synced with underwater lights, while also preserving the captain's night vision with red downlighting at the controls.





- ▶ FIBREGLASS
 - ▶ TIMBER
 - ▶ STEEL
 - ▶ COMPOSITE
 - ▶ ALUMINIUM
-
- SUITABILITY



Apelo A1 - 1800 Lumen

Enhance your marine entertainment lighting with the most powerful light in its class, the Apelo A1. Delivering vibrant blue or intense white, or full spectrum RGB colour experiences, the A1 uses intelligent optical design to get impressive illumination levels that outshine the competition.

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

A completely sealed, corrosion resistant, thermal polymer housing ensures ongoing protection against the harshest environments. The A1 is suitable for mounting to any hull material. All Apelo models are equipped with an advanced thermal management system to allow operation in or out of the water.

Apelo Underwater Lights are made in New Zealand, and built to last.



Thermal Polymer Housing

| Function | Lens | Part Number |
|-------------------|----------|-----------------|
| Dual Blue / White | White | 2LT 016 145-011 |
| Dual Blue / White | Charcoal | 2LT 016 145-001 |
| RGB | White | 2LT 016 146-011 |
| RGB | Charcoal | 2LT 016 146-001 |

See page 10-11 for full specifications.



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- ▶ FIBREGLASS
 - ▶ TIMBER
 - ▶ STEEL
 - ▶ COMPOSITE
 - ▶ ALUMINIUM †
- 
- SUITABILITY



Apelo A2 - 3000 Lumen

The Apelo A2 offers bright 3000-lumen light output, plus additional features including a stylish Edge Light.

Available in Blue / White or full-spectrum RGB, the A2's Blue / White version includes a 'Fish mode' strobe function that's sure to attract attention, including from your next big catch. RGB allows for any colour selection.

The corrosion-resistant, anodized aluminium housing is designed for aluminium hulls, boats that aren't permanently submerged, or vessels at mooring.

For permanent submersion, the marine-grade bronze housing option provides superior durability and thermal management, and is suitable for fibreglass, timber, steel, and composite hulls.

† Marine grade bronze models should only be used on aluminium hulls with an Apelo Surface Mount Spacer, or suitable isolation spacer.

Apelo Underwater Lights are made in New Zealand, and built to last.



Hard Anodized Aluminium Housing

| Light Function | Lens | Part Number |
|-------------------|----------|-----------------|
| Dual Blue / White | Charcoal | 2LT 016 145-001 |
| RGB | Charcoal | 2LT 016 146-001 |


Marine Grade Bronze Housing

| Light Function | Lens | Part Number |
|-------------------|-------|-----------------|
| Dual Blue / White | White | 2LT 016 145-011 |
| RGB | White | 2LT 016 146-011 |

See page 10-11 for full specifications.



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- ▶ FIBREGLASS
 - ▶ TIMBER
 - ▶ STEEL
 - ▶ COMPOSITE
- 
- SUITABILITY



Apelo A3 Bronze - 6000 Lumen

The ultimate in the Apelo Underwater Light range is the A3 Bronze. Supercharged with 6000 lumen light output, and a larger overall size than the Apelo A2 Bronze.

The A3 model has an improved formula with double the light output, maximizing the vibrant blue or intense white, or full spectrum RGB/W colour. The blue or white model retains the strobe functionality, the RGB/W version includes dedicated white light emitting LEDs, adding brighter and more intense white light to your RGB underwater lighting. Both versions offer the Edge Light function.

Intelligent optics spread light across the water without losing light to the depths, projecting wide across the transom. With the addition of Nickel-silver to the extremely corrosion resistant housing, the Apelo A3 is perfect for permanently submerged installations on larger boats or yachts. Suitable for fibreglass, timber, steel, and composite hulls. Only mount on aluminium hulled vessels with a suitable isolation spacer.

Apelo Underwater Lights are made in New Zealand, and built to last.

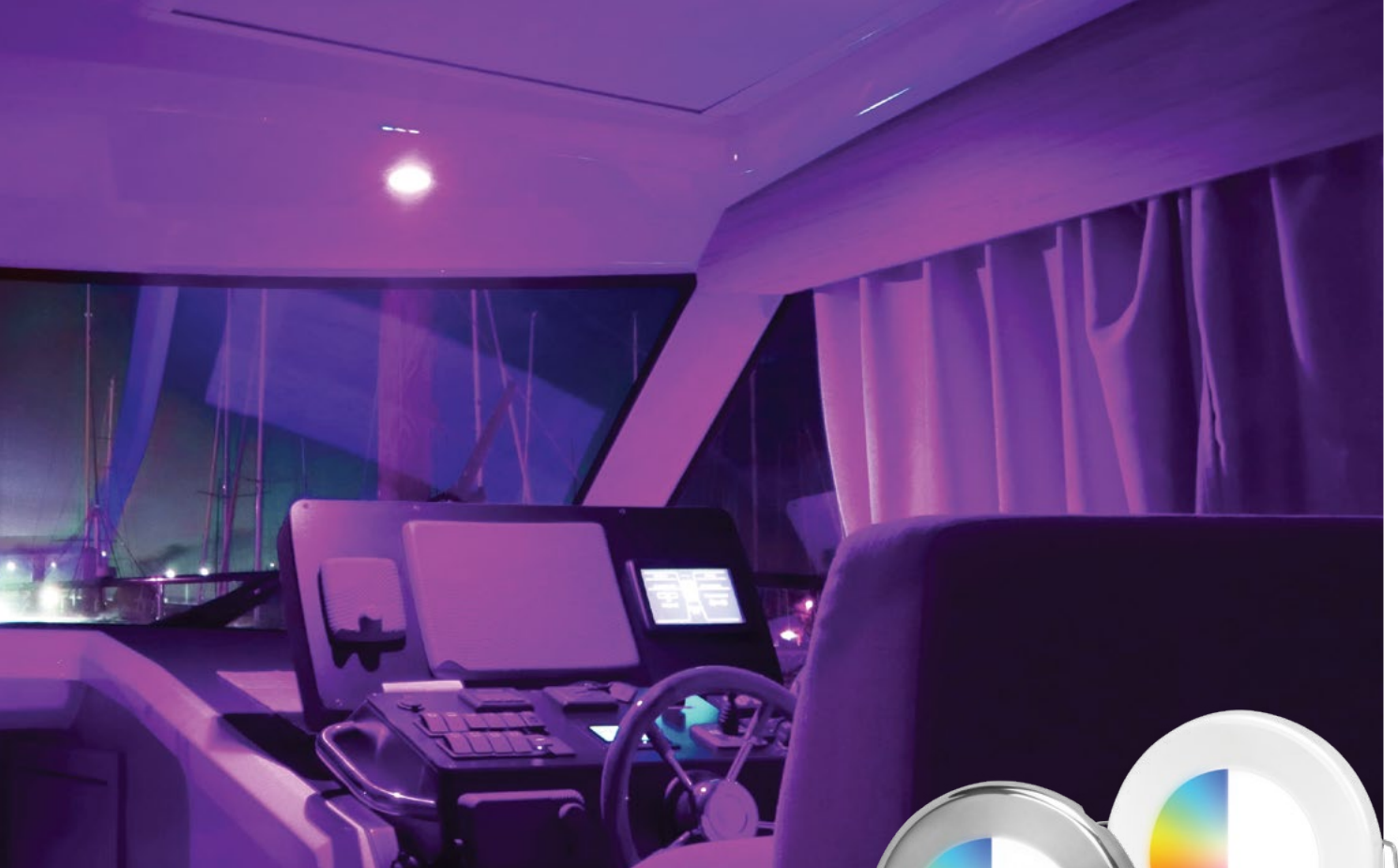


| Function | Lens | Part Number |
|-------------------|-------|-----------------|
| Dual Blue / White | White | 2LT 016 830-001 |
| RGB/W | White | 2LT 016 831-001 |

See page 10-11 for full specifications.



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Apelo EuroLED 75 RGB/W Downlight

A downlight with no compromise to form or function, the Apelo EuroLED 75 RGB/W delivers full spectrum colour, plus cool white (5000K) light with bright, even, broad illumination of 190 Lumens from dedicated White LED's. Whether you're setting the mood with vivid colours, or preserving your sensitive night vision with illuminating red, the Apelo EuroLED 75 RGB/W is a powerfully flexible lighting solution.

Single and dual colour models also available.



Compatible with Apelo Light Controller & App



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Round Lights

| Function | Trim | Connector | Pack Qty | Part Number |
|----------|-----------|---------------------|----------|-----------------|
| RGB/W | White | Tinned marine cable | Single | 2JA 017 884-001 |
| RGB/W | Stainless | Tinned marine cable | Single | 2JA 017 884-011 |

See page 10-11 for full specifications.



Apelo RGB Step Lamp

Apelo RGB Step lamps offer a vibrant way to highlight and accent your steps and gangways. Dynamic, synchronized colours will transform your space into a stunning visual display.

Apelo RGB Step Lamps use a simple, 4-wire connection for power and control. Labor saving installation via a 25mm hole. Available with chrome, white or stainless steel trim.



| Function | Trim | Connector | Pack Qty | Part Number |
|----------|-----------|---------------------|----------|-----------------|
| RGB | White | Tinned marine cable | Single | 2JA 958 126-531 |
| RGB | Chrome | Tinned marine cable | Single | 2JA 958 126-541 |
| RGB | Stainless | Tinned marine cable | Single | 2JA 958 126-551 |

See page 10-11 for full specifications.



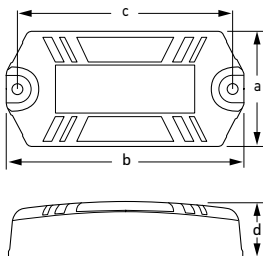
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for more info

Apelo Ecosystem Specifications



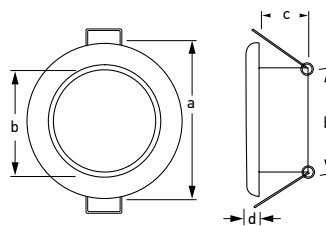
| | | Apelo Light Controller | EuroLED 75 RGB/W Downlight | Apelo RGB Step Lamp |
|--------------------|-----------------------|---|--|--------------------------------------|
| TRIM DESCRIPTION | White Plastic | 5XA 285 814-001 | 2JA 017 884-001 | 2JA 958 126-531 |
| | Chrome Plated Plastic | NA | NA | 2JA 958 126-541 |
| | Stainless Steel | NA | 2JA 017 884-011 | 2JA 958 126-551 |
| Mounting | | Surface Mount | Recessed | Recessed |
| Voltage | | Multivolt™ 12 / 24V DC Nominal | 12V DC only (9-16V) | Multivolt™ 12 / 24V DC Nominal |
| Power Handling | | 150W / 13A @ 12V DC (6.5A @ 24V DC) (3A Per channel) | NA | NA |
| Power Consumption | | 1W | 3W RGB (0.25A @ 12V DC) 3W White (0.25A @ 12V DC) | 1W / 0.03A (30 mA) MAX |
| Lumen Light Output | | NA | 190 lumen measured output (White) | NA |
| Beam Angle | | NA | 80° spread | 30° downward lighting angle |
| Protection | | IP67 (Completely sealed) | IP6K7 & IP6K9K (Completely sealed) | IP67 (Completely sealed) |
| Cable Length | | 140mm tinned marine cable | 120mm tinned marine cable | 100mm tinned marine cable |
| Lens Material | | NA | PC | UV resistant enhanced impact acrylic |
| Base Material | | V0 Rated Plastic | UV resistant enhanced impact acrylic | NA |
| Compliance | | FC CE UK CA | CE UK CA | CE UK CA |

Light Controller



Dimensions
 a = 63mm (2.5")
 b = 129mm (5.1")
 c = 117mm (4.6")
 d = 30mm (1.2")

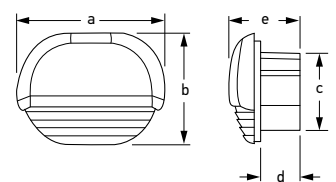
EuroLED 75 RGB/W



(Diagrams not to scale)

Round
 a = Ø75mm (3.0") Dia
 b = Ø54mm (2.2") Dia
 c = 21mm (0.9")
 d = 7.4mm (0.3")

RGB Step Lamp



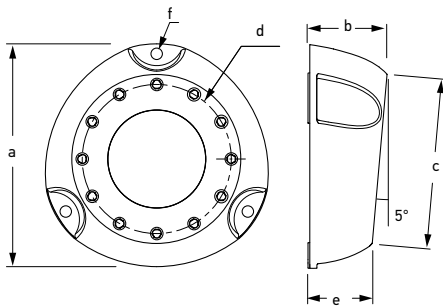
a = 45mm (1.8")
 b = 31.5mm (1.3")
 c = 25.4mm (1.0")
 d = 14mm (0.6")
 e = 22.7mm (0.9")



| | Apelo A1 Polymer | Apelo A2 Aluminium | Apelo A2 Bronze | Apelo A3 Bronze |
|--|--|--|--|--|
| Blue / White - White Lens | 2LT 016 145-011 | NA | 2LT 016 147-101 | 2LT 016 830-001 |
| Blue / White - Charcoal Lens | 2LT 016 145-001 | 2LT 016 147-001 | NA | NA |
| RGB - White Lens | 2LT 016 146-011 | NA | 2LT 016 148-101 | 2LT 016 831-001 (A3 models are RGB/W) |
| RGB - Charcoal Lens | 2LT 016 146-001 | 2LT 016 148-001 | NA | NA |
| Mounting | Surface / Transom | | | |
| Voltage | Multivolt™ 12 / 24V DC Nominal | | | |
| Power Consumption† Blue / White RGB / RGB/W* Edge Light | 20W / 1.7A @ 12V, 0.9A @ 24V 15W / 1.25A @ 12V, 0.7A @ 24V NA | 30W / 2.5A @ 12V, 1.3A @ 24V 30W / 2.5A @ 12V, 1.3A @ 24V <2W / <0.2A@12V, <0.1A @ 24V | 30W / 2.5A @ 12V, 1.3A @ 24V 30W / 2.5A @ 12V, 1.3A @ 24V <2W / <0.2A@12V, <0.1A @ 24V | 70W / 5.9A @ 12V, 2.9A @ 24V 70W / 5.9A @ 12V, 2.9A @ 24V <5W / 0.37A @12V, 0.2A @ 24V |
| Lumen Light Output | 1800 lumen (White only) | 3000 lumen (White only) | 3000 lumen (White only) | 6000 lumen (White only) |
| Beam Angle | 90° x 24° | | | |
| Protection | Spike protected to +500 volts, Reverse polarity protected to -700 volts. IP68 / IP69: Suitable for submersion in operation and high pressure water jet cleaning High temperature electrical thermal cutout for out of water operation or use | | | |
| Cable Length | 2.5m / 8.2ft, tinned marine cable | | | |
| Lens Material | Grilamid® (Premium grade, UV stable, impact resistant Nylon) | | | |
| Base Material | Corrosion proof advanced thermal polymer | Hard anodized aluminium | Marine grade bronze | Marine grade bronze |
| Compliance | CE UK CA | | | |

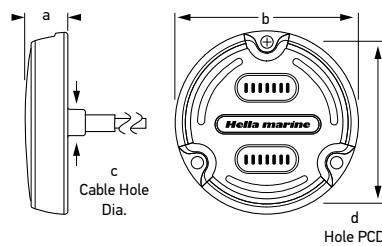
† Allow up to 200% of power consumption to account for momentary peak.

Apelo Surface Mount Spacer



Dimensions
a = Ø125mm (5.0") Dia
b = 45mm (1.8")
c = Ø95mm (3.8") Dia
d = Ø83.5mm (3.4") PCD
e = 35mm (1.4")
f = Ø5.5mm (0.3")

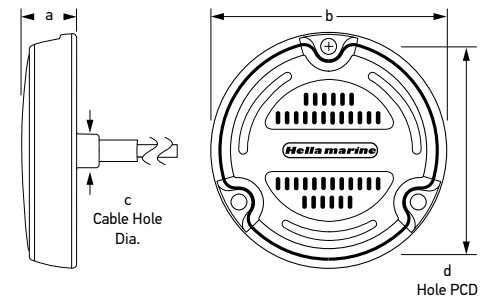
Apelo A1 / A2



(Diagrams not to scale)

a = 23.5mm (0.9")
b = Ø95mm (3.8") Dia
c = Ø16mm (0.7") Cable Hole Dia.
d = 83.5mm (3.3") Mounting PCD

Apelo A3



a = 23.5mm (0.9")
b = Ø130mm (5.1") Dia
c = Ø16mm (0.7") Cable Hole Dia.
d = 117.5mm (4.6") Mounting PCD



Surface Mount Spacer Accessory

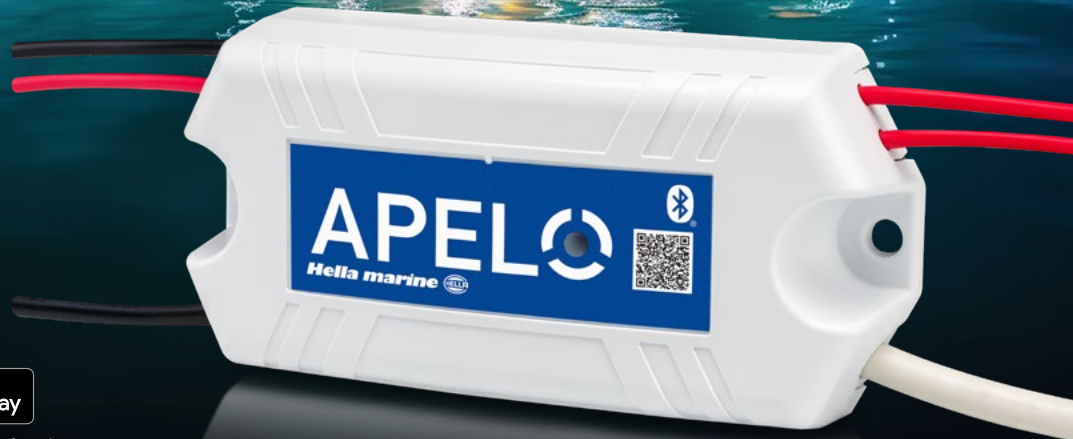
8HG 280 801-001

Note: Apelo Surface mount spacer only fits Apelo A1 & A2 lamps.

APELO LIGHT CONTROLLER

Discover a World of Colour

Wirelessly group, manage, and sync Apelo RGB lighting for vibrant colour displays, using the Apelo Controller & App.



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