

# MACRIS

INDUSTRIES

*LED Lights for Above and Below the Water*



# MIUMINI

## Underwater LED Light

### INSTALLATION & MOUNTING RECOMMENDATIONS

Boat Size	4-6m
Transom/Hull Spacing	0.5-1m
Transom Quantity	2

For below water installation only

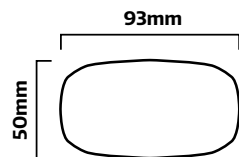
### TECHNICAL

Fixture Lumens	1200+
Average life expectancy	40,000+ hours
Available Voltage	12VDC Only
Power	14W
Current/Amp draw	0.8A @ 12VDC
Approx light penetration (average water quality)	3m
Approx light penetration (ideal water quality)	6m
Driver	Internal
Warranty Term	2 Years

### WEIGHT & DIMENSIONS

Fixture length	93mm
Fixture width	50mm
Fixture height profile	7mm
Weight	105gm
Cable length	1m
Cutout for cable	8mm
Material	Scratch resistant Composite Laminate.

### DIMENSIONS:



MIU MINI is a powerful and hardwearing underwater LED light option ideal for small leisure boats averaging 4-6 metres.



*Ultra thin and impact proof, MIU MINI generates a 1200+ fixture lumen output. A small package only 9.3 cm long makes this the best 'bang for buck' light on the market.*

Available in dazzling royal blue, the MINI is great for attracting bait fish or adding style to your next fishing adventure.

### TO ORDER:

AMI Code: 1262030

ROYAL BLUE



Protective marine grade, sheathed cable for installations where cable may get wet.



ROYAL BLUE

# MIUR10

## Underwater LED Light

### INSTALLATION & MOUNTING RECOMMENDATIONS

Boat Size	5-8m
Transom/Hull Spacing	0.5-1m
Transom Quantity	2-4

For below water installation only

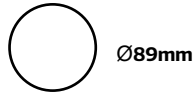
### TECHNICAL

Fixture Lumens	1500+
Average life expectancy	40,000+ hours
Available Voltage	10-30VDC
Power	16W
Current/Amp draw	1.5A @ 12VDC .75A @ 24VDC
Approx light penetration (average water quality)	5m
Approx light penetration (ideal water quality)	12m
Driver	Internal
Warranty Term	2 Years

### WEIGHT & DIMENSIONS

Fixture Diameter	89mm
Fixture height profile	7.6mm
Weight	92gm
Cable length	1.5m
Cutout for cable	8mm
Material	Scratch resistant Composite Laminate.

### DIMENSIONS:



Macris' first round light, The new MIU R10 packs all the features, construction methods, and technology of the popular MIU Series in a familiar and friendly size and shape format! 89mm (round) by 7.6mm thick.

The R10 is simple to install, extremely robust, and most of all bright at 16W total power.

Proprietary Macris Industries manufactured chip-on-board light engine with multi-volt input (10-30VDC), Active Thermal Monitoring, SoftStart, Polycarbonate housing, and Composite Laminate Technology (CLT).

- Composite laminate construction
- 100% Air Free Design
- Hardcoat scratch resistant surface treatment

### TO ORDER:

AMI Code: 1262220

WHITE

AMI Code: 1262221

ICE BLUE

AMI Code: 1262222

ROYAL BLUE

AMI Code: 1262223

GREEN

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**ACTIVE THERMAL CONTROL**



ROYAL BLUE

# MIUL10

## Underwater LED Light

### INSTALLATION & MOUNTING RECOMMENDATIONS

Boat Size	5-8m
Transom/Hull Spacing	0.5-1m
Transom Quantity	2-4 pcs
For below water installation only	

### TECHNICAL

Fixture Lumens	1750
Average life expectancy	40,000+ hours
Available Voltage	10-30VDC
Power	16W
Current/Amp draw	1.5A @ 12VDC .75A @ 24VDC
Approx light penetration (average water quality)	5m
Approx light penetration (ideal water quality)	12m
Driver	External
Warranty Term	2 Years

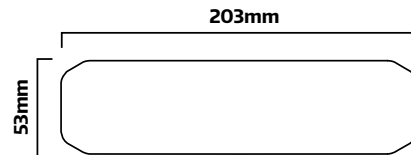
### WEIGHT & DIMENSIONS

Fixture length	203mm
Fixture width	53mm
Fixture height profile	8.9mm
Weight	172gm
Cable length	1.5m
Cutout for cable	8mm
Material	Scratch resistant Composite Laminate.

### DRIVER DIMENSIONS

Length	110mm
Width	55mm
Height	28mm

### DIMENSIONS:



A powerful lighting option for small boats up to 8m, the MIU-L10 Underwater LED Light is small in size without compromising on performance. Developed for the small boat market, the MIU-L10 is only 204mm long, and features Macris' ultra thin impact resistant profile.

Ideal for entertaining or fishing, the MIU-L10 is competitively priced and available within Australia and New Zealand exclusively through AMI.

### TO ORDER:

AMI Code: 1262040	WHITE
AMI Code: 1262041	ICE BLUE
AMI Code: 1262042	ROYAL BLUE
AMI Code: 1262043	AQUA
AMI Code: 1262044	GREEN
AMI Code: 1262045	WINTERGREEN

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ICE BLUE

# MIU15v7 MULTIVOLT

## Underwater LED Light

### INSTALLATION & MOUNTING RECOMMENDATIONS

Boat Size	8-15m
Transom/Hull Spacing	1-1.5m
Transom Quantity	2-6 pcs
For below water installation only	

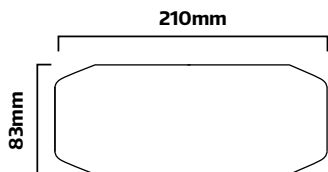
### TECHNICAL

Fixture Lumens	3600
Average life expectancy	40,000+ hours
Available Voltage	10-30V DC
Power	24W
Current/Amp draw	2.0A
Approx light penetration (average water quality)	8m
Approx light penetration (ideal water quality)	19m
Driver	Internal
Warranty Term	2 Years

### WEIGHT & DIMENSIONS

Fixture length	210mm
Fixture width	83mm
Fixture height profile	8.9mm
Weight	226gm
Cable length	1.5m
Cutout for cable	8mm
Material	Scratch resistant Composite Laminate

### DIMENSIONS:



The 2021 MIU15 V7 is an evolution of the popular 15-size underwater LED. Updates include new, higher thermal performance internals with a single, solid, high conductivity, aluminum core.

Updated shape, with the option of stud-mounting for production builds or more mechanical attachment. New high efficacy OSRAM LEDs now standard.

### TO ORDER:

AMI Code: 1262066	WHITE
AMI Code: 1262067	ICE BLUE
AMI Code: 1262068	ROYAL BLUE
AMI Code: 1262069	AQUA

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**ACTIVE THERMAL CONTROL**

Active Thermal Control prevents overheating by controlling the power draw of the lights based on the internal temperature of the light fixture. This will result in dimming of the light until the temperature is reduced.



ROYAL BLUE

# MIU30<sub>V7</sub> MULTIVOLT

## Underwater LED Light

### INSTALLATION & MOUNTING RECOMMENDATIONS

Boat Size	15m+
Transom/Hull Spacing	1-1.5m
Transom Quantity	2-6 pcs

For below water installation only

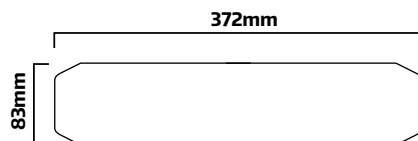
### TECHNICAL

Fixture Lumens	7200
Average life expectancy	40,000+ hours
Available Voltage	10-30VDC
Power	48W
Current/Amp draw	4.0A @ 12VDC 2.0A @ 24VDC
Approx light penetration (average water quality)	12m
Approx light penetration (ideal water quality)	27m
Driver	Internal
Warranty Term	2 Years

### WEIGHT & DIMENSIONS

Fixture length	372mm
Fixture width	83mm
Fixture height profile	8.9mm
Weight	340gm
Cable length	1.5m
Cutout for cable	8mm
Material	Scratch resistant Composite Laminate

### DIMENSIONS:



The MIU30 was Macris' first size class created and still their go-to lamp for the majority of mid-size installations on vessels 15m and up.

Updated V7 power handling, Macris' proprietary Composite Laminate Technology (CLT), and 100% made in America!

### TO ORDER:

AMI Code: 1262250	WHITE
AMI Code: 1262251	ICE BLUE
AMI Code: 1262252	ROYAL BLUE
AMI Code: 1262253	AQUA

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**ACTIVE THERMAL CONTROL**

Active Thermal Control prevents overheating by controlling the power draw of the lights based on the internal temperature of the light fixture. This will result in dimming of the light until the temperature is reduced.



ROYAL BLUE

# MIU60<sub>v7</sub>

## Underwater LED Light

### INSTALLATION & MOUNTING RECOMMENDATIONS

Boat Size	20m+
Transom/Hull Spacing	1-1.5m
Transom Quantity	2-6 pcs
For below water installation only	

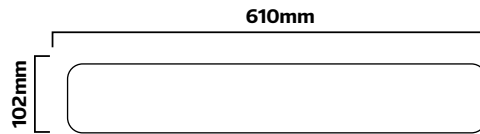
### TECHNICAL

Fixture Lumens	8800
Average life expectancy	40,000+ hours
Available Voltage	24VDC
Power	90W
Current/Amp draw	3.75A @ 24V
Approx light penetration (average water quality)	12m
Approx light penetration (ideal water quality)	30m
Driver	Internal
Warranty Term	2 Years

### WEIGHT & DIMENSIONS

Fixture length	610mm
Fixture width	102mm
Fixture height profile	8.9mm
Weight	680gm
Cable length	1.5m
Cutout for cable	8mm
Material	Scratch resistant Composite Laminate

### DIMENSIONS:



Macris' largest underwater light currently available, the MIU60 V7 packs serious power and size! Create large unbroken swathes of light by choosing the worlds largest underwater light.

24 inches long, 4 inches tall and 0.35 inches thick (610mm by 102mm by 8.9mm) and packing 90W of total power for a very bright, very versatile lamp for larger vessels 20m and up.

### TO ORDER:

AMI Code: 1262090	WHITE
AMI Code: 1262091	ICE BLUE
AMI Code: 1262092	ROYAL BLUE
AMI Code: 1262093	AQUA
AMI Code: 1262094	GREEN
AMI Code: 1262095	WINTERGREEN

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ICE BLUE

# MIUChroma

## Dynamic Colour Change Light

### INSTALLATION & MOUNTING RECOMMENDATIONS

Boat Size	8m+
Transom/Hull Spacing	1-1.5m
Transom Quantity	2+

For below water installation only

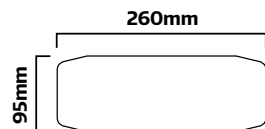
### TECHNICAL

Fixture Lumens	4000+
Average life expectancy	40,000+ hours
Available Voltage	12VDC
Power	32W
Current/Amp draw	2.7A
Approx light penetration (average water quality)	10m
Approx light penetration (ideal water quality)	20m
Driver	Internal
Warranty Term	2 Years

### WEIGHT & DIMENSIONS

Fixture length	260mm
Fixture width	95mm
Fixture height profile	9mm
Weight	350gm
Cable length	1.5m
Cutout for cable	10mm
Material	Scratch resistant Composite Laminates

### DIMENSIONS:



The only fully dynamic, colour changing underwater LED in the world! Wield control over every linear inch of your underwater lighting array by linking MIU Chroma units to create unbroken, fluid, and sweeping dynamic effects.

Proprietary Dynamic Pixel Control (DPC) is tied directly to Chroma Control units and wirelessly connected to smartphones, tablets, laptops, and other WiFi or Bluetooth enabled devices.

Truly a groundbreaking advancement for underwater lighting and can be integrated with external triggers, music, and environmental sensors for incredible effects. 260mm long, 95mm wide, and a slim-line 9mm thickness.

Available in one size rated at 30W per colour channel. Chroma Control required to integrate and control all units, 12V input is standard.

### TO ORDER:

AMI Code: 1262100	MIU Chroma
AMI Code: 1262105	Chroma Control

\*Chroma Control required to integrate and control all units.



Chroma Control



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# ChromaStrip

## Dynamic Colour Change Light

### WEIGHT & DIMENSIONS

Fixture length	520mm
Fixture width	18mm
Fixture height profile	7mm
Material	Anodized aluminum channels with UV-resistant polymer Rigid light strip. Fully potted for extreme water resistance and durability

Compatible with popular Chroma Dynamic Pixel Control color-change system, Chroma Strips are designed for the harshest environments.

Perfect for under gunwale, hard tops, anywhere where colour and motion are desired. 12V DC input with 3 foot long input and output leads.

Fully potted for extreme water resistance and durability. No condensation issues, no vibration issues, just mount and go! Amazing effects are just a few taps away.

Must be used with Chroma Control Bluetooth controller. Can sync with MIU Chroma underwater lights for the ultimate effect.

### TO ORDER:

AMI Code: 1262107 Chroma Strip 4 pack  
(includes controller)

AMI Code: 1262108 Chroma Strip (single)

\*Chroma Control required to integrate and control all units.



Chroma Control



# Alpha6

## LED Lightbar

### SPECIFICATIONS

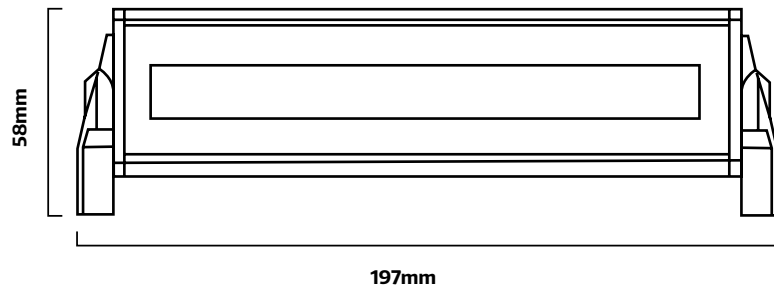
<b>Base Material</b>	Hardcoat Aluminum
<b>Lens Material</b>	Surface Hardened Polycarbonate
<b>Waterproof</b>	IP68 (Fully Waterproof)
<b>Voltage</b>	12V DC Nominal
<b>Power</b>	14W per 6.5" section (14W for 7" base model + 14W for each additional 6.5")
<b>Output</b>	1300 Lumens per 6" section
<b>Warranty Term</b>	2 Year
<b>Country of Origin</b>	USA
<b>Fixture length</b>	Starting at 197mm
<b>Fixture height profile</b>	58mm

Slim and trim, a departure from the big bulky and generic LED Lightbars currently available.

ALPHA features Macris proprietary Panoramic Spot Optics, which focus light in the vertical plane while allowing broad beam spread in the horizontal panorama.

Available in standard 6" compact size, with custom order lengths up to 50".

### DIMENSIONS:



COOL WHITE



# ISeries

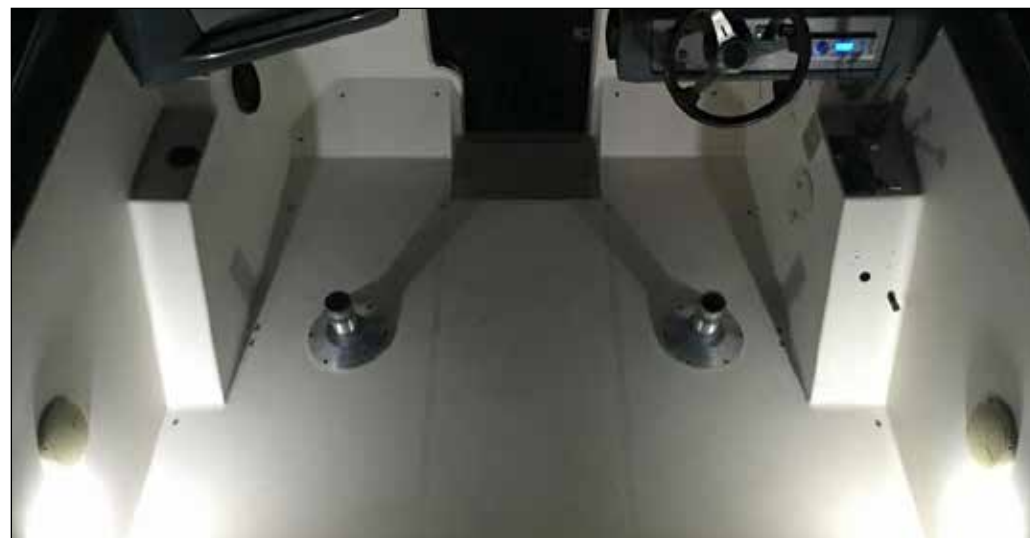
## Waterproof LED Utility Light

SPECIFICATIONS					
Model	IS3	IS15	IS30	IS60	IS120
<b>Voltage</b>	12 V DC	12 V DC	12 or 24 V DC	10-30 V DC	10-30 V DC
<b>Power</b>	1.75W	8.5W	18W	34W	64W
<b>Fixture Lumens</b>	150+	800+	1700+	3200+	3200+
<b>Dimensions</b>	50.8mm diameter, 5.9mm high	203.2mm long, 79mm wide, 5.9mm high	355.6mm long, 79.3mm wide, 5.9mm high	603.2mm long, 182.5mm wide, 13.9mm high.	1120.7mm long, 182.5mm wide, 13.9mm high
<b>Housing</b>	Impact & UV resistant acrylic	Impact & UV resistant acrylic	Impact & UV resistant acrylic	Impact & UV resistant acrylic, anodized 6063 aluminum (IS60, IS120 only)	Impact & UV resistant acrylic, anodized 6063 aluminum (IS60, IS120 only)
Lens Material: PMMA (acrylic). Average life expectancy 50,000+ hours					
Featuring vibration proof, ignition-protected design.					
Beam Angle: 120°	IP Rating: IP68	Colour: Available in Cool White	Install location: Surface (Flush)		

The IS Utility range, a product line designed to be extremely scalable and conforms to a variety of application settings. From surface mounting to drop lighting, the IS Series does it all.

An excellent choice for:

- Utility & maintenance rooms
- Engine compartments
- Generator spaces
- Bilge areas & holds



COOL WHITE

IS3



IS15



IS30

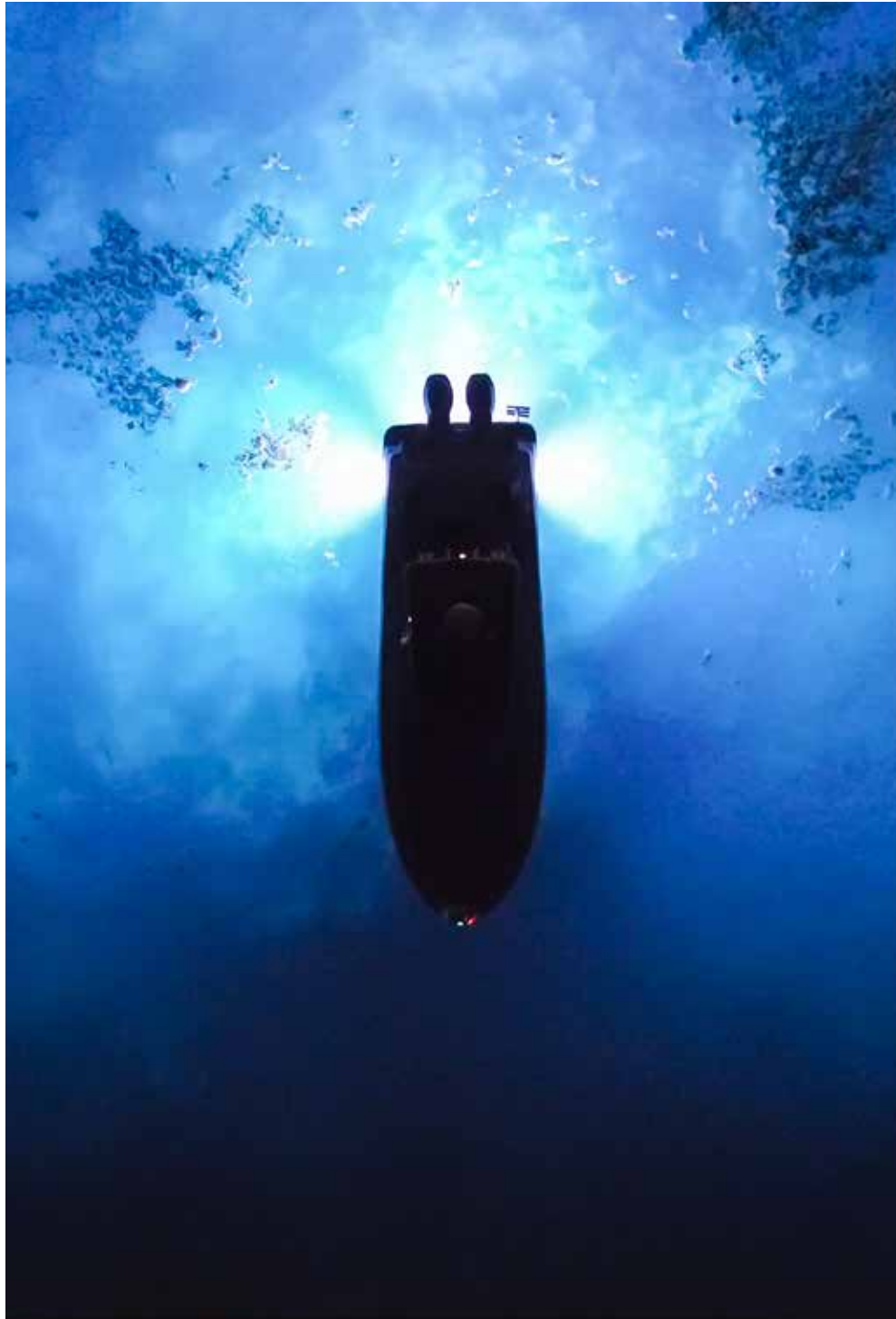


IS60



IS120





# MACRIS

I N D U S T R I E S

Macris Industries (MI) was founded in 2013 to create innovative products and solutions that fill previously under-served or unique markets.

Macris Industries lights are as thin as a smartphone (below) incredibly tough and impact resistant, and waterproof when properly installed.

Macris design and manufacture incredibly bright underwater LED Lights (MIU Series), Dynamic Pixel Colour Change Lights (Chroma & Chroma Compact) Elite LED Lightbar (Alpha) and waterproof Utility Lights for vessels and facilities (IS Series). All products are extremely high quality with simple installation.



[www.nauticalsupplies.com.au](http://www.nauticalsupplies.com.au)

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