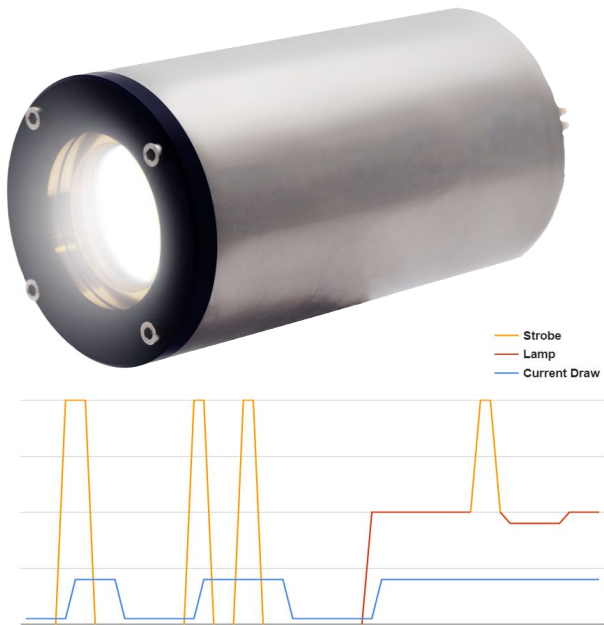


# Aquorea Mk3 LED

Hybrid Strobe and Lamp | Plug and play with SubC Cameras



## Key Features

- Highly efficient at 180 lumens/watt
- Lamp Output: up to 15,000 Lumens
- Strobe Output: +32,000 Lumens
- Compatible with all underwater systems
- Built-in temperature, signal and voltage protections
- Control: RS485 and TTL strobe
- Beam Angle: 80°
- Depth rating: 6000m all Titanium



**Harshest Conditions.  
Clearest Images.**

This LED hybrid functions as a lamp for recording video or as a strobe for capturing digital stills in highest detail. It can work independently or can easily be integrated into any of our subsea solutions.



## Light Specs

**Lamp Output:** up to 15000 lumens

**Color:** 5000K

**Beam Angle:** 80° (circular)

**Strobe Output:** 32000+ lumens

**Reaction Speed:** approx. 190 microseconds



	MCBH5M
1	GND
2	PWR
3	Strobe enable
4	RS485-
5	RS485+

## Electrical

**Efficiency:** 180 lumen/watt @ 15°C water

**Protection:** Short circuit, UV-OV-RV, ESD, OT

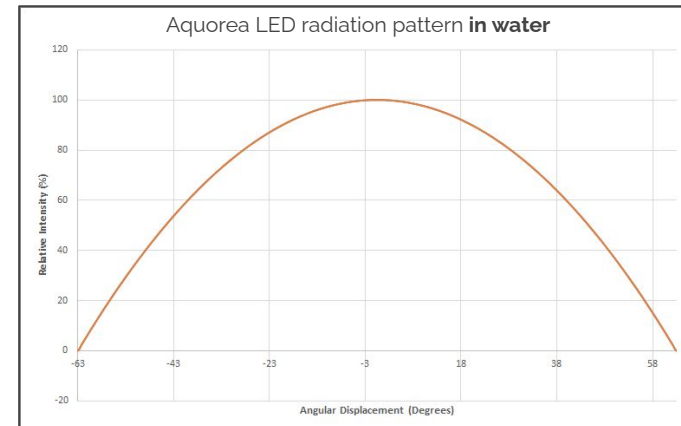
**Thermal Protection:** Auto dim/shutoff

**Control:** Serial RS485

**Strobe:** TTL 5V (active high)

**Power:** 18-32 Vdc / 48-120 Watts

% of Total Light	Beam Angle
50.00%	30.26°
60.00%	35.76°
70.00%	41.00°
80.00%	49.90°
90.00%	66.36°
95.00%	80.76°



## Mechanical

**Min/Max Temperature:** -10 to 20°C in water

**Materials:** Sapphire, grade 5 Titanium

**Weight:** 0.9Kg in water, 1.5Kg in air

**Depth Rating:** 6000m

# CONTACT SUBC IMAGING

As leaders in our field, our goal is to provide complete imaging solutions to the Ocean Science Community. Our first step is always a simple conversation about the nature of your project and how our solutions can help you achieve success.

If you're interested in learning more about our products and services, please reach out to:

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