



# Dragonfish II

## Dual-Channel LED Torch Light



### FEATURES

- ▶ Ultra-high-output 30,000-lumen continuous, dimmable torch light for professional HOV/ROV/AUV imaging applications
- ▶ Dual-channel, independently dimmable LED arrays allow white or color blending and independent bi-color operation
- ▶ 6,000m-rated
- ▶ High-efficiency integrated driver circuitry
- ▶ Multi-drop RS232 (up to 250 soft-addresses) or analog dimming control
- ▶ User-settable PWM dimming frequency allows flicker-free operation for various video frame rates
- ▶ DC or AC input supply options
- ▶ Automatic thermal self-protection
- ▶ Durable, hard-anodized 6061 aluminum housing

*Technical specifications on reverse*

*Expertly designed underwater  
lighting and imaging equipment*

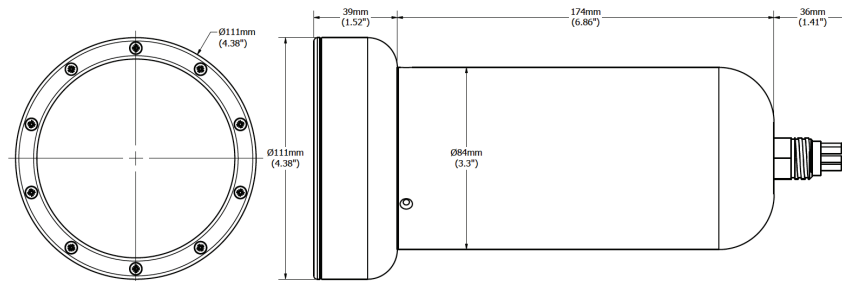
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# Technical Specs

## Dragonfish II

PARAMETER	DRAGONFISH II								
Model Number	ARI05								
Depth Rating	6,000m (20,000ft)								
Input Voltage	200–420VDC or 90–260VAC								
Max Power Draw	300W								
Dimming Control	Multi-drop RS232 or Analog 0–10VDC								
Output Lumens	30,000Lm (total combined from 2x independent channels)								
Color Temperature (CCT)	2,700–6,500K white; various static colors available								
Color Rendering Index (CRI)	70 min. (optional 80 min.)								
Beam Angle (FWHM)	70° flood (standard); 100° wide (optional)								
Window Material	Cast Acrylic								
Housing Material	Aluminum, 6061-T6, Black AHC								
Weight (in air)	DC Version: 1.6kg (3.6Lbs); AC Version: 2.3kg (5.1Lbs)								
Weight (in seawater)	DC Version: 0.7kg (1.5Lbs); AC Version: 1.0kg (2.2Lbs)								
Operating Temperature	-10°C–40°C								
Standard Connector Pinout (Subconn MCBH8M)	<table border="0"> <tr> <td>1: Neutral (AC) or GND (DC)</td> <td>5: RS232 RX</td> </tr> <tr> <td>2: Line (AC) or +VDC (DC)</td> <td>6: RS232 TX</td> </tr> <tr> <td>3: Chassis</td> <td>7: Analog GND</td> </tr> <tr> <td>4: N/C</td> <td>8: Analog Dim IN</td> </tr> </table>	1: Neutral (AC) or GND (DC)	5: RS232 RX	2: Line (AC) or +VDC (DC)	6: RS232 TX	3: Chassis	7: Analog GND	4: N/C	8: Analog Dim IN
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### AC Input Version



### DC Input Version

