



# Dragonfish Fusion-4 LED Panel Strobe



## FEATURES

- ▶ Ultra-high output 120,000-lumen strobe with patented driver technology
- ▶ 6,000m-rated
- ▶ Ideal for AUV/ROV/HOV digital still photography or wherever a high-output, compact strobe is needed
- ▶ Simple trigger-controlled pulse length
- ▶ Fast repetition rate
- ▶ Independent secondary quench line
- ▶ Customizable color temperature
- ▶ Compact, low-profile, pressure-balanced, oil-filled emitter panel on hard-anodized 6061 aluminum backplate
- ▶ Separate driver electronics in an air-filled, hard-anodized 6061 aluminum housing
- ▶ Wide input supply
- ▶ Driver electronics can be supplied as OEM stack without housing
- ▶ Pulse intensity, rep rate, max pulse duration, color temperature and beam angles can be customized.

*Patented driver delivers the highest lumen output in the industry.*

*U.S. Patent #10054287*

*Technical specifications on reverse*

*Expertly designed underwater lighting and imaging equipment*

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# Technical Specs

## Dragonfish Fusion-4

PARAMETER	DRAGONFISH FUSION-4
Model Number	ARI04-4
Depth Rating	6,000m (20,000ft)
Input Voltage	9–32VDC
Max Input Current @ 28VDC	2.2A (during recharge)
Strobe Trigger / Quench Signals	5V TTL (active low)
Pulse Duration	100us–5ms
Max Repetition Rate	10Hz–2Hz
Pulse Intensity	120,000Lm (standard)
Color Temperature (CCT)	2,700–6,500K
Color Rendering Index (CRI)	70 min. (optional 80 min.)
Beam Pattern (FWHM)	100°
Window Material	Acrylic
Housing Material	Aluminum, 6061-T6, Black AHC
Weight (in air)	Panel: 500g; Driver Bottle: 800g
Weight (in seawater)	Panel: 300g; Driver Bottle: 300g
Operating Temperature	-10°C–40°C
Standard Connector Pinout (Subconn MCBH4M)	1: GND 2: +V 3: Strobe (5V TTL, active low) 4: Quench (5V TTL, active low)

