

Dragonfish Fusion-6



Patented driver delivers the highest lumen output in the industry.

U.S. Patent #10054287

LED Panel Strobe

FEATURES

- ▶ Ultra-high output 180,000-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
- ▶ Optional 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

Technical specifications on reverse

Technical Specs

Dragonfish Fusion-6

PARAMETER	DRAGONFISH FUSION-6
Model Number	AR104-6
Depth Rating	6,000m (20,000ft)
Input Voltage	9-32VDC
Max Input Current @ 28VDC	3.4A (during recharge)
Strobe Trigger / Quench Signals	5V TTL (active low)
Pulse Duration	100us-5ms
Max Repetition Rate	10Hz-2Hz
Pulse Intensity	180,000Lm (standard)
Color Temperature (CCT)	2,700-6,500K
Color Rendering Index (CRI)	70 min. (optional 80 min.)
Beam Angle (FWHM)	100°
Window Material	Acrylic
Housing Material	Aluminum, 6061-T6, AHC black
Weight (in air)	Panel: 730g; Driver Bottle: 1520g
Weight (in seawater)	Panel: 360g; Driver Bottle: 675g
Operating Temperature	-10°C to 40°C
Standard Connector Pinout (Subconn MCBH4M)	1: GND 2: +V 3: Strobe (5V TTL, active low) 4: Quench (5V TTL, active low) optional

