



Dragonfish Mini-Strobe

Compact LED Strobe



Patented driver delivers increased lumen output with less power draw in the smallest package.

U.S. Patent #10054287

FEATURES

- ▶ High-output 30,000-lumen strobe with patented driver technology
- ▶ Extremely compact package with integral driver electronics
- ▶ 300m-rated
- ▶ Wide-angle or narrow-beam option
- ▶ 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
- ▶ Durable, hard-anodized 6061 aluminum housing
- ▶ Wide input supply
- ▶ Unhoused OEM electronics option
- ▶ Pulse intensity, rep rate, max pulse duration and color temperature can be customized.

Technical specifications on reverse

Expertly designed underwater lighting and imaging equipment

arcticrays.com
info@arcticrays.com • 567-343-2374

Technical Specs

Dragonfish Mini-Strobe

PARAMETER	DRAGONFISH MINI-STROBE
Model Number	ARI07-S
Depth Rating	300m (985ft)
Input Voltage	9–32VDC
Max Input Current (@ 28V DC)	550mA
Strobe Quench Signal Input	5V TTL (active low)
Max Pulse Duration	100us–5ms
Max Pulse Repetition Rate	10Hz–2Hz
Output Lumens (5ms Pulse)	30,000Lm
Color Temperature (CCT)	2,700–6,500K
Color Rendering Index (CRI)	70 min. (optional 80 min.)
Beam Pattern (FWHM)	100°
Beam Pattern with Optional Lens	65°
Window Material	Acrylic
Housing Material	Aluminum, 6061-T6, Black AHC
Size	64mm L x 60mm dia.
Weight	335g (air); 160g (seawater)
Operating Temperature	-10°C–40°C
Standard Connector Pinout (Impulse LPMBH-4-MP)	1: GND 2: +V 3: Strobe (5V TTL, active low) 4: Quench (5V TTL, active low)

