



Remora Strobe

Compact LED Imaging Strobe



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

U.S. Patent #10054287

FEATURES

- ▶ Optimized for AUV still-imaging applications
- ▶ High-output 30,000 lumen strobe with patented driver technology
- ▶ Designed for OceanServer Iver3 AUVs; can be customized for other vehicles
- ▶ Extremely compact package with integral power-efficient driver electronics
- ▶ 300m depth rating
- ▶ Wide-angle, even light distribution
- ▶ Simple trigger-controlled pulse length
- ▶ Fast repetition rate
- ▶ Durable anodized aluminum housing
- ▶ Wide input voltage supply
- ▶ Integral Iver penetrator plug or optional bulkhead connector
- ▶ OEM electronics option available
- ▶ Pulse dynamics 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

Remora Strobe

PARAMETER	REMORA STROBE
Model Number	ARI06-S
Depth Rating	300m (985ft.)
Input Voltage	8–32VDC
Max Current Draw @ 24VDC	550mA
Strobe/Quench Signal Input	5V TTL (active low)
Max Strobe Pulse Duration	100 μ s–5ms
Max Pulse Repetition Rate	10Hz–2Hz
Output Lumens (5ms Pulse)	30,000 lumens
Color Temperature (CCT)	2,700K–6,500K
Color Rendering Index (CRI)	70 min. (optional 80 min.)
Beam Pattern (FWHM)	100°
Window Material	Cast Acrylic
Housing Material	Aluminum, 6061-T6, black AHC
Size	135mm L x 66.5mm W x 34mm H
Weight	390g (in air); 200g (in saltwater)
Operating Temperature	-10°C–40°C
Wiring Output	1(Iver3 penetrator plug with wire leads, standard; MCBH4M connector, optional) 1(BRN): GND; 2(RED): +V; 3(YEL): Strobe (5V TTL, active low); 4(BLU): Quench (5V TTL, active low)

