

Remora Torch

Compact LED Light



FEATURES

- ▶ Optimized for AUV continuous-imaging applications
- ▶ High-output 10,000 lumen continuous, dimmable torch light for professional imaging applications.
- ▶ 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
- ▶ User-settable PWN dimming frequency allows flicker-free operation for various video frame rates
- ▶ 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

Technical Specs

Remora Torch

| PARAMETER | REMORA TORCH |
|-----------------------------|---|
| Model Number | ARI06-T |
| Depth Rating | 300m (985ft.) |
| Input Voltage | 12–38VDC |
| Max Current Draw | 105W |
| Output Lumens | 10,000 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(BRN): GND; 2(RED): +V; 3(YEL): RS232 RX (from host); 4(BLU): Analog dim (0–10VDC) |

