



arctic rays

REMORA TORCH

Compact LED Light for AUVs

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 PWM 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. Contact us for options.



Photo courtesy L3 Technologies

PARAMETER	REMORA T300
Model Number	AR106-T300
Depth Rating	300m (985ft)
Input Voltage	12 – 38VDC
Max Power Draw	105W
Output Lumens	10,000 lm
Color Temperature (CCT)	2700K – 6500K
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 (air), 200g (sw)
Operating Temp.	-10°C – 40°C
Wiring Pinout (Iver3 penetrator plug with wire leads, standard. MCBH4M connector, optional)	1(BRN): GND 2(RED): +V 3(YEL): RS232 RX (from host) 4(BLU): Analog Dim (0-10Vdc)

