



# Technical Specs

## Dragonfish Torch

PARAMETER	DRAGONFISH 1,000M	DRAGONFISH 6,000M	
Model Number	ARI01-T	ARI01-T	
Depth Rating	1,000m (3,300ft)	6,000m (19,700ft)	
Input Voltage	12–38VDC	12–38VDC	
Max Power Draw	105W	105W	
Dimming Control	RS232 or Analog 0–10VDC	RS232 or Analog 0–10VDC	
Output Lumens @5700K	10,000Lm (Vin > 20V)	10,000Lm (Vin > 20V)	
Color Temperature (CCT)	2,700–6,500K	2,700–6,500K	
Color Rendering Index (CRI)	70 min. (optional 80 min.)	70 min. (optional 80 min.)	
Static Color Options	Far Red (730nm) Red-Orange (612nm) Blue (470nm)	Photo Red (660nm) Amber (590 nm) Deep Blue (455nm)	Red (625nm) Green (525nm)
Beam Angle (FWHM)	100°	100°	
Beam Angle with Optional Lens	65°	65°	
Window Material	Acrylic	Sapphire	
Housing Material	Aluminum, 6061-T6, AHC black	Aluminum, 6061-T6, AHC black	
Size	78mm L x 70mm dia. (flood) 84mm L x 70mm dia. (narrow)	78mm L x 70mm dia. (flood) 84mm L x 70mm dia. (narrow)	
Weight	600g (air); 318g (seawater)	700g (air); 420g (seawater)	
Operating Temperature	-10°C to 40°C	-10°C to 40°C	
Standard Connector Pinout (Impulse LPMBH-4-MP; MCBH-4-MP optional)	1: GND 2: +V 3: RS232 RX (from host) or RS485 (A) or 5V ref 4: RS232 TX or RS485 (B) or Analog Dim (0–10VDC)		

