

HID LIGHTS

U.S. Pat.# 6,679,619

HIGH INTENSITY DISCHARGE ARC LIGHTS

Sartek was the first manufacturer to produce handheld HID lights for divers (US Pat.#6679619). Sartek has always led the way in underwater lighting and continues the tradition with the introduction of the new compact HID35 (35 watt) and HID3521C (switchable 35/21 watt).

All Sartek HID's incorporate the latest ruggedized High Intensity Discharge Arc Lamp Technology, these range from 10 watts to 150 watts. Sartek HID's produce four to six times the light output of an equivalent wattage Halogen. This means that a 10 watt HID is equal to a 50-60 watt Halogen and will get about 9 hours of burn time on a 13.2v 9AH NiMH battery.

Our new models are the HID35 (35watt HID, available with an optional built-in on/off switch) and the HID3521 (on/off/35/21 watt switchable on the head). These compact light heads have the electronics fully enclosed in the head, this permits them to be used with different battery systems, including Sartek's new compact Lithium ion batteries. The HID3521 (35/21 watt switchable) allows the diver to change the power setting needed without missing a fin kick.

Sartek 10 and 35 HID's are available hard wired or with a wet connection to any of our battery canisters: 4.5AH, 9AH, 18AH NiMH or 5.2AH, 10.4AH, 15.6AH, 31.2AH Lithium Ion. The Sartek wetmate connection system (available on our 10,35 watt video lights) allows a diver to reconfigure their light system even underwater and with Sartek's exclusive locking wetmate connection system it creates an extremely flexible and durable modular system.



MINI5H10MRF and MICRO2H10MRF (with the new Rotary Switch System, now standard on all Sartek canisters) 10 watt Focusable HID with a 5.2 AH Li Battery, (4 hour burn time) and 2.6 AH Li (2 hour burn time)

The light produced by Sartek's HID lamps have a color temperature in the range of 5500°-6500°K, putting it in the same range as the sun, which means a whiter "cooler" light that more clearly reproduces the full range of colors. This makes the Sartek HID system perfect for exploration, video and photography.



HID150S 150 watt HID with a 26AH Lithium Ion Pack (2 hour burn time)



HID35 35 watt HID CBPS10LI (3 hour burn time)

Model	HID10MRF	HID35	HID 3521	HID150S
Type	10 Watt Focusable	35 Watt Focusable	35/21 Watt Focusable	150 Watt Focusable
Lumens	500	3200	3200/1920	9600
Rated Median Life @ 1Hr/start	1000 hrs.	1000 hrs.	2000 hrs.	4000 hrs.
Correlated Color Temperature	6000°K	6500°K	6500°K	6500°K
Current @ 13.2VDC	1 Amp	3 Amps	3 Amps	12 Amps
Burn time approx.	4 hours (5AH)	3 hours (10AH)	3 hours/5 hours (10AH)	2 hours (26AH)
Input Voltage	12-15VDC	12-15 VDC	12-15 VDC	12-15 VDC
Depth Rating Tested	+3000 feet	+1000 feet	+1000 feet	+1000 feet
Dimensions	2.00" dia. X 3.80" long	2" Dia. (Ballast)	2" Dia. (Ballast)	4.5" Dia.x 13.5"L canister



SARTEK INDUSTRIES INC.

3661-M Horseblock Road, Medford NY 11763

Phone (631) 924-0441 Fax (631) 924-2959

E-Mail info@sarind.com Internet www.sarind.com