



The new generation of air and/or underwater long-lasting lights is now a reality. The patented new lighting system is especially designed for digital cameras of the last generation. Its ultra-white beam (about 6000° K) produces the best light for digital video and photo shots. Thanks to its long-lasting lighting group, it isn't necessary to replace the lamp after a few hours. The new lighting system reduces energy consumption and batteries last up to 5 times longer than in traditional systems.

Example		electronic lights 2000	traditional system
Minihandylight L 2000	2 h	20'	
Handylight L 2000	5 h	35'	
L 2000	4 h	70'	
L 2003 Light Panel 3	1 h	20'	
L 300-2	4 h	60'	

Electronic and mechanical features

operating time: 5000 - 10000 hrs

resistance to mechanical vibrations

consumption 5 times lower than in gas-filled lamps

reduced overall dimensions

maintenance free

short reaction time: a few nanoseconds

lighting efficiency: over 25lm/Watt

operating temperature equal to ambient temperature

*times are referred to full charge*  
*never point your eyes directly to the beam*



L 300-2



PANEL



PANEL4

Model - Technical specifications		MINIHANDYLIGHT					
L2000							
HANDYLIGHT							
L 2000							
L 2000	L 300-2						
L2003 LIGHT PANEL 3							
L2000 LIGHT PANEL 4							
Code	494a	495a	496a				
Material	anticorodal anodized aluminum	anticorodal anodized aluminum	extruded anticorodal anodized aluminum				
Front glass	tempered float glass	tempered float glass	tempered float glass				
Depth rating	150 mt	150 mt	150 mt				

Waterproof resistance	O rings	O rings	O rings
Bulbs	white diode leds	white diode leds	white diode leds
Light Power (*)	15W	15W	25W
Battery pack	10 NiMh interchangeable	10 NiMh interchangeable	10 NiCd
discharge gas valve:			
Recharge time	2 hours with automatic charging	2 hours with automatic charging	3 hours with automatic charging
Reflecting element	quartz treated	quartz treated	quartz treated
Lighting angle	40° at 1 mt	40° at 1 mt	60° at 1 mt.
Burn time at full charge at full power	2h(**)	4h(*)	

4h(**) at full power	4h	2h at half power	
1h at full power			
Burn time at 50% charge	2h	2h	2h
Burn time at 10% charge	2h	6h	6h
Total burn time	6h approx.	12h approx.	12h
ON-OFF	Electromec. switching	Electromec. switching	Electromec. switching
Led back	-	-	Switch control
Size	(lxØ)		
158x56 mm	(lxØ)		
210x56 mm	(lxØ)		
109x100 mm	(lxØ)		
160x100	(lxwxd)		
135x78x85	135x78x85 mm		
Weight in air	0,650 kg	0,700 kg	1,4 kg
Weight underwater	0,100 kg	0,150 kg	about 0,600 Kg

(\*) Similar to halogen lamps

(\*\*) Burn time can depend on type and status of the batteries

When power is low, the illuminator can be used like light signals, thanks to discharge times slow (approximately 10/12 hours).

The complete L2000 electronic light series can be used underwater and on surface. Even in surface, it is possible to use it in particular recording situation, like still life, with illumination diffused or concentrated by 6000k°.

All the illuminators are provided with GAS discharge valve.

Burn time may depend on battery conditions and type battery

If the illuminator will be used in air for long time, take open screw cover of the charger: PANEL 4 can be used on air, without rear cover.

PANEL 4 automatically will be switching off, when temperature will over 70°.

PANEL 4 has an automatic valve to discharge gas, gas generated by the battery.

Not damage the panel: we suggested to send us light for good maintenance any two years.