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INON Waterproof LED Light LF1300-EWf Specifications (*1)

LED	High-intensity Power LED (Cree XM-L2"T6")		Compatible Battery	AA "eneloop" / "eneloop pro" battery x 3 (*7)
Max.Luminous flux (*2)(*3)	FULL mode: approx.1,300 lumen ["eneloop pro" battery]			AA NiMH [good quality] x 3 (*8)
	LOW mode: approx. 350 lumen ["eneloop pro" battery]			AA Alkaline battery x 3
			Depth rating	120m / 394'(*9)
Coverage (underwater)	approx. 100° [without a filter and with packaged Dome Red Filter LF-EW]		Size	Max. diameter 52.1mm/2.1" x 128.8mm/5.1"
			Weight (*10)	Air: 268g/9.5oz, Underwater: approx. 109g/3.8oz
Color Temp.(*3)	approx. 5,000K		Working/Storage Temperature	0 30 / 32°F 86°F
Shutter Linked AUTO-OFF	ON/OFF : Automatically shut off and back on after 0.2 seconds. (Another strobe light detection during AUTO-OFF will add extra 0.2 seconds shut OFF time)		Usable Circumstance	FULL : Underwater only
				LOW: Land/underwater
			LED life time	approx. 10,000 hours
Operable Duration air (*4)(*6)	approx. 160 minutes ["eneloop" battery at LOW]		Material/Finishing	Corrosion resistant aluminum alloy/rigid almite, ABS, PC, PMMA etc.
	approx. 210 minutes ["eneloop pro" battery at LOW]		Standard accessory	Dome Red Filter LF-EW, Light Shade LF-EW, Hand Strap, INON Grease
	approx. 90 minutes [Alkaline battery at LOW]			
Operable Duration Underwater (*5)(*6)	approx. 35 minutes ["eneloop" battery at FULL]		EMC standards	EN 55015:2013, EN 61547:2009,
	approx. 165 minutes ["eneloop" battery at LOW]			CRF 47 FCC Part 15 Subpart A and B ,
	approx. 45 minutes ["eneloop pro" battery at FULL]			ICES-003:2016(Issue 6, Amendment 1)
	approx. 220 minutes ["eneloop pro" battery at LOW]			
	approx. 20 minutes [Alkaline battery at FULL]			
	approx. 85 minutes [Alkaline battery at LOW]			

*1)   Subject to change without prior notice
*2)   Nominal value calculated from LED manufacture specification sheet.
*3)   Due to individual variability of LED, drive circuit or battery etc., luminous flux, color temperature or intensity may vary within rated specification.
*4)   Average time to get half brightness when continuously turn ON the product with below listed batteries on land (approx. 20 /68°F).
    "eneloop" battery   Panasonic "eneloop", BK-3MCC, 1.2V, Min.1,900mAh
    "eneloop pro" battery   Panasonic "eneloop pro", BK-3HCD, 1.2V, Min.2,500mAh
    Alkaline battery   Panasonic"EVOLTA NEO"LR6NJ, 1.5V
*5)   Average time to get half brightness when continuously turn ON the product with below listed batteries underwater (approx. 25 /77°F).
    "eneloop" battery   Panasonic "eneloop", BK-3MCC, 1.2V, Min.1,900mAh
    "eneloop pro" battery   Panasonic "eneloop pro", BK-3HCD, 1.2V, Min.2,500mAh
    Alkaline battery   Panasonic"EVOLTA NEO"LR6NJ, 1.5V
*6)   Actual measured data by INON.   The value may vary depending on product individual variability, battery manufacture/model, test condition.
*7)   "New generation" NiMH batteries carrying less self-discharging and heat generating characteristic comparing to "conventional" or "high-capacity" NiMH including listed batteries as below confirmed compatible by INON INC. as same as recommended Panasonic "eneloop"/"eneloop pro" battery (BK-3MCC, BK-3HCD) .
    Panasonic Corporation   Model name: eneloop recommended /Model code: BK-3MCC
    Panasonic Corporation   Model name: eneloop pro recommended /Model code: BK-3HCD
    SANYO Electric Co.,Ltd   Model name: eneloop recommended /Model code: HR-3UTG/ HR-3UTGA/ HR-3UTGB
    SANYO Electric Co.,Ltd   Model name: eneloop pro recommended /Model code: HR-3UWX
    Sony Corp.   Model name: Cycle Energy Blue/Model cod   NH-AA-2BKA, NH-AA-4BKA
    Panasonic Corporation   Model name: Rechargeable Ni-MH (AA)/Model code   HHR-3MPS
    Maha Energy Corporation   Model name: IMEDION/Model code   MHRAAI4
    GP Batteries International Ltd   Model name: ReCyko+ /Model code   210AAHCBE
    ANSMANN AG   Model name: maxE/Model code   5030991, 5030992, 5035052
    Electrochem Automation Inc.   Model name: NEXcell energyON/Model code   n/a (AA 2000mAh)
*8)   Some "conventional" or "high-capacity" NiMH rechargeable batteries have significant self-discharge and heat-generating characteristic resulting difficulty to keep their performance during usage.   We recommend using recommended batteries.
*9)   Without operating the "Switch".   INON has confirmed depth rating 70m/230' including switch operation.
*10) Including 3 x AA "eneloop" batteries.