



INON Waterproof LED Light LF1100h-EWf Specifications (*1)

LED	High-intensity Power LED (Cree XM-L2™T6™)
Max. Luminous flux (*2)(*3)	FULL mode: approx. 1,100 lumen ["eneloop pro" battery] LOW mode: approx. 330 lumen ["eneloop pro" battery]
Coverage (underwater)	approx. 100° [without a filter and with packaged Red Filter LF-EW]
Color Temp.(*3)	approx. 6,500K
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)
Operable Duration [air] (*4)(*6)	approx. 160 minutes ["eneloop" battery at LOW] approx. 210 minutes ["eneloop pro" battery at LOW] approx. 90 minutes [Alkaline battery at LOW]
Operable Duration [Underwater] (*5)(*6)	approx. 35 minutes ["eneloop" battery at FULL] approx. 165 minutes ["eneloop" battery at LOW] approx. 45 minutes ["eneloop pro" battery at FULL] approx. 220 minutes ["eneloop pro" battery at LOW] approx. 20 minutes [Alkaline battery at FULL] approx. 85 minutes [Alkaline battery at LOW]

Compatible Battery	AA "eneloop" / "eneloop pro" battery x 3 (*7) AA NiMH [good quality] x 3 (*8) AA Alkaline battery x 3
Depth rating	120m / 394'(*9)
Size	Max. diameter 52.1mm/2.1" x 128.8mm/5.1"
Weight (*10)	Air: 268g/9.5oz, Underwater: approx. 109g/3.8oz
Working/Storage Temperature	0°C~30°C / 32°F~86°F
Usable Circumstance	FULL : Underwater only LOW: Land/underwater
LED life time	approx. 10,000 hours
Material/Finishing	Corrosion resistant aluminum alloy/rigid almite, ABS, PC, PMMA etc.
Standard accessory	Dome Red Filter LF-EW, Light Shade LF-EW, Hand Strap, INON Grease
EMC standards	EN 55015:2013, EN 61547:2009, CRF 47 FCC Part 15 Subpart A and B , ICES-003:2016(Issue 6, Amendment 1)

*1) As of May, 2019. 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°C/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°C/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 below listed batteries in right 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 : MHRAA14
- 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.