



INON Waterproof LED Light LF1400-S Specifications (*1)

LED	High-intensity Power LED (Cree XM-L2“T6”)
Max. Luminous flux (*2)(*3)	FULL mode: approx. 1,400 lumen ["eneloop pro" battery] LOW mode: approx. 700 lumen ["eneloop pro" battery]
Coverage	approx. 30° [without a filter and with packaged Red Filter LF-S] approx. 40° [with packaged Wide Filter LF-S / Wide Red Filter LF-S]
Color Temp. (*3)	approx. 5,000K
Operable Duration 【Underwater】 (*4)(*5)	approx. 50 minutes ["eneloop" battery at FULL]
	approx. 140 minutes ["eneloop" battery at LOW]
	approx. 65 minutes ["eneloop pro" battery at FULL]
	approx. 175 minutes ["eneloop pro" battery at LOW]
	approx. 60 minutes [Alkaline battery at FULL] approx. 145 minutes [Alkaline battery at LOW]

Compatible Battery	AA “eneloop” / “eneloop pro” battery x 6 (*6)
	AA NiMH [good quality] x 6 (*7)
	AA Alkaline battery x 6
Depth rating	120m / 394'(*8)
Size	Max. diameter 46.7mm/1.8" x 182.6mm/7.2"
Weight (*9)	Air: 381.9g/13.5oz, Underwater: approx. 167g/5.9oz
Working/Storage Temperature	0 ~ 30 / 32°F ~ 86°F
LED life time	approx. 10,000 hours
Material/ Finishing	Corrosion resistant aluminum alloy/rigid almite, PBT, PC, Optical glass etc.
Standard accessory	Red Filter LF-S, Wide Filter LF-S,
	Wide Red Filter LF-S, Hand Strap, INON Grease
EMC standards	EN 55015:2006 + A1:2007, EN 61547:1995 + A1:2000,
	CRF 47 FCC Part 15 [incidental radiator],
	AS/NZS CISPER 15:2006

*1) As of August, 2014. 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 underwater (approx. 25 / 77°F).

- “eneloop” battery : Panasonic “eneloop”, BK-3MCC, 1.2V, Min.1,900mAh
- “eneloop pro” battery : Panasonic “eneloop pro”, BK-3HCC, 1.2V, Min.2,450mAh
- Alkaline battery : Panasonic “EVOLTA”LR6(EJ), 1.5V

*5) Actual measured data by INON. The value may vary depending on product individual variability, battery manufacture/model, test condition.

*6) “New generation” NiMH batteries carrying less self-discharging and heat generating characteristic comparing to “conventional” or “high-capacity” NiMH including below listed batteries confirmed compatible by INON INC. as same as recommended “Panasonic “eneloop”/“eneloop pro” battery (BK-3MCC, BK-3HCC)”.
• Panasonic Corporation Model name: eneloop 【recommended】 /Model code: BK-3MCC
• Panasonic Corporation Model name: eneloop pro 【recommended】 /Model code: BK-3HCC
• 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)

*7) 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.

*8) Without operating the “Switch”.

*9) Including 6 x AA “eneloop” batteries.