

# INON

## 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 grass 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 : 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)

\*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.