

INON

INON Waterproof LED Light LF1100-W 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. 300 lumen ["eneloop pro" battery]
Coverage	approx. 85° [without a filter and with packaged Red Filter LF-W]
	approx. 95° [with packaged Wide Filter LF-W]
Color Temp. (*3)	approx. 5,000K
Operable Duration 【air】 (*4)(*6)	approx. 180 minutes ["eneloop" battery at LOW]
	approx. 225 minutes ["eneloop pro" battery at LOW]
	approx. 215 minutes [Alkaline battery at LOW]
Operable Duration 【Underwater】 (*5)(*6)	approx. 40 minutes ["eneloop" battery at FULL]
	approx. 185 minutes ["eneloop" battery at LOW]
	approx. 50 minutes ["eneloop pro" battery at FULL]
	approx. 235 minutes ["eneloop pro" battery at LOW]
	approx. 60 minutes [Alkaline battery at FULL]
	approx. 205 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 48.0mm/1.9" x 126.7mm/5.0"
Weight (*10)	Air: 258.1g/9.1oz, Underwater: approx. 110g/3.9oz
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-W, Wide Filter LF-W,
	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 October, 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 on land (approx. 20 / 68°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) 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
- *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 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)
- *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.