

INON

LED flashlight

- Easily Obtainable AA battery
- Corrosion Resistant Aluminum Alloy Body
- Depth Rating 120m
- Ideal Color Temp. 5000K
- Wide Selection of Accessory



LF800-N

800/300
Lumen

5°
Beam

Powerful Spotlight Aims Pinpoint
Narrow 5° Beam Water-Proof Light



LF3100-EW

3100 - 50
Lumen

100°
Beam

Max. 3100 lumen 12 Power Setting
Powerful Underwater Light for Wide Imaging



LF1400-S

1400/700
Lumen

30°
Beam

Max. 1400 lumen Two Power Setting
Standard Beam Powerful Underwater Light



LF1000-S

1000/250
Lumen

30°
Beam

Multipurpose Pocket Water-Proof Light
Standard Beam with Two Power Setting



LF1300-EWf

1300/350
Lumen

100°
Beam

Shutter-Linked Auto Off Function
Extra Wide Beam Water-Proof Light



LE350

350
Lumen

30°
Beam

Built with Assured Reliability for Professionals
Durable Water-Proof Handy Light



LE700-S

700
Lumen

30°
Beam




Multipurpose Handy Dive Light
Even for Macro Shooting

LE700-W

700
Lumen

75°
Beam

Handy Underwater Light
For Wide Angle Imaging

	LF800-N	LF1400-S	LF1000-S
	 <p>Maximum 800 lumen and 5 degree coverage. Unique optical system produces a super narrow beam with sharp-cut. In addition to general use on land or dive light underwater, this product is best suited as a pointer for a dive guide, searchlight in poor visibility or powerful constant lighting source for photography/videography.</p>	 <p>Maximum 1400 lumen and 30 degree coverage powered by 6 x AA batteries but you can still benefit portable size thanks to its cylindrical battery pack. Powerful light source supports various scenes as like a handy torch to deliver the light further away in cave or during night dive, or a lighting device for macro imaging.</p>	 <p>Maximum 1000 lumen and 30 degree coverage. 3 x AA operated compact and handy flashlight thanks to its parallel loading battery pack. Simple yet durable rotary switch provides two power settings. Versatile multipurpose waterproof flashlight for various scenes.</p>
LED Components	High-intensity Power LED (CREE XM-L2™T6*)	High-intensity Power LED (CREE XM-L2™T6*)	High-intensity Power LED (CREE XM-L2™T6*)
Max. Luminous Flux *2 *3	approx. 800 lumen [FULL mode] approx. 300 lumen [LOW mode] Max. value with "eneloop pro" battery	approx. 1,400 lumen [FULL mode] approx. 700 lumen [LOW mode] Max. value with "eneloop pro" battery	approx. 1,000 lumen [FULL mode] approx. 250 lumen [LOW mode] Max. value with "eneloop pro" battery
Coverage	approx. 5°	approx. 30° [without a filter and with Red Filter LF-S] approx. 40° [with Wide Filter LF-S / Wide Red Filter LF-S]	approx. 30° [without a filter and with Red Filter LF-S] approx. 40° [with Wide Filter LF-S / Wide Red Filter LF-S]
Color Temperature *3	approx. 5,000K	approx. 5,000K	approx. 5,000K
Usable Circumstance	Underwater / Air	Underwater	Underwater [Full mode and LOW mode] Air [Low mode only]
Operable Duration (Air) *4 *6	approx. 65 minutes ["eneloop" battery at Full] approx. 215 minutes ["eneloop" battery at Low] approx. 85 minutes ["eneloop pro" battery at Full] approx. 265 minutes ["eneloop pro" battery at Low] approx. 70 minutes [Alkaline battery at Full] approx. 215 minutes [Alkaline battery at Low]	—	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. 70 minutes ["eneloop" battery at Full] approx. 215 minutes ["eneloop" battery at Low] approx. 90 minutes ["eneloop pro" battery at Full] approx. 265 minutes ["eneloop pro" battery at Low] approx. 75 minutes [Alkaline battery at Full] approx. 215 minutes [Alkaline battery at Low]	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]	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 x3 *7 AA NiMH [good quality] x3 *8 AA Alkaline battery x3	AA "eneloop" "eneloop pro" battery x6 *7 AA NiMH [good quality] x6 *8 AA Alkaline battery x6	AA "eneloop" "eneloop pro" battery x3 *7 AA NiMH [good quality] x3 *8 AA Alkaline battery x3
Depth Rating *9	120m / 394feet	120m / 394feet	120m / 394feet
Size Weight	Max.dia. φ60.6mm(φ2.4in) x144.6mm(5.7in) 270.2g(9.5oz) [air] approx.134g(4.7oz) [underwater] *10	Max.dia. φ46.7mm(φ1.8in) x182.6mm(7.2in) 381.9g(13.5oz) [air] approx.167g(5.9oz) [underwater] *11	Max.dia. φ46.7mm(φ1.8in) x132.1mm(5.2in) 258.0g(9.1oz) [air] approx.105g(3.7oz) [underwater] *10
Working/Storage Temperature	±0~+30°C (32~86°F)	±0~+30°C (32~86°F)	±0~+30°C (32~86°F)
LED Life Time	approx. 10,000 hours	approx. 10,000 hours	approx. 10,000 hours
Material, Finishing	Corrosion resistant aluminum/rigid almite, PBT, PC, Optical glass etc.	Corrosion resistant aluminum/rigid almite, PBT, PC, Optical glass etc.	Corrosion resistant aluminum/rigid almite, PBT, PC, Optical glass etc.
Standard Accessory	Hand Strap, INON Grease	Red Filter LF-S, Wide Filter LF-S, Wide Red Filter LF-S, Hand Strap, INON Grease	Red Filter LF-S, Wide Filter LF-S, Wide Red Filter LF-S, Hand Strap, INON Grease
Working Range *12	approx. 22cm(8.66in)~∞ [Air] approx. 30cm(11.8in)~∞ [Underwater, with/without a filter and without a condenser lens] approx. 15cm(5.91in)~∞ [Underwater, with one condenser lens] approx. 11cm(4.33in)~32cm(12.6in) [Underwater, with two condenser lenses]		

*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°C / 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, [LF3100-EW,LF1300-EW] Panasonic "eneloop pro", BK-3HCD, 1.2V, Min.2,500mAh
- Alkaline battery :Panasonic "EVOLTA" LR6(EJ), 1.5V, [LF3100-EW,LF1300-EW] Panasonic "EVOLTA NEO" LR6NEJ, 1.5V

*5 Average time to get half brightness when continuously turn ON the product with below listed batteries on underwater (approx. 25°C / 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, [LF3100-EW,LF1300-EW] Panasonic "eneloop pro", BK-3HCD, 1.2V, Min.2,500mAh

- Alkaline battery :Panasonic "EVOLTA" LR6(EJ), 1.5V, [LF3100-EW,LF1300-EW] Panasonic "EVOLTA NEO" LR6NEJ, 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-3HCC, BK-3HCD).

- Panasonic Corporation Model name:eneloop (recommended) /Model code:BK-3MCC
- Panasonic Corporation Model name:eneloop pro (recommended) /Model code:BK-3HCC,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-3UWXX
- 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

LF3100-EW	LF1300-EWf	
		
Maximum 3100 lumen and 12 power settings controlled by user-friendly rotary switches. An optically designed dome lens delivers extra wide 100 degree coverage underwater supporting quality lighting to capture wide underwater scene. Packaged "Light Shade" can dramatically suppress flare/ghost.	Maximum 1300 lumen and 2 power settings. An optically designed dome lens delivers extra wide 100 degree coverage underwater. Bundled "Light Shade" can block a part of light illumination. Handy water-proof LED flashlight for wide imaging. On-board "Shutter-linked AUTO OFF" function is ideal as a focus light.	
High-intensity Power LED (CREE XM-L2™T6*)	High-intensity Power LED (CREE XM-L2™T6*)	LED Components
approx. 3,100 - 100 lumen [FULL mode, 6 steps power setting, approx. 1.0EV per step] approx. 1,100 - 50 lumen [LOW mode, 6 steps power setting, approx. 0.9EV per step] Max. value with "eneloop pro" battery	approx. 1,300 lumen [FULL mode] approx. 350 lumen [LOW mode] Max. value with "eneloop pro" battery	Max. Luminous Flux *2 *3
approx. 100° (Underwater) [without a filter and with Dome Red Filter LF-EW]	approx. 100° (Underwater) [without a filter and with Dome Red Filter LF-EW]	Coverage
approx. 5,000K	approx. 5,000K	Color Temperature *3
Underwater	Underwater [Full mode and LOW mode] Air [Low mode only]	Usable Circumstance
—		
approx. 35 - 3,310 minutes(21hrs 50mins) ["eneloop" battery at Full, Level 6(Max) - Level 1(Min)] approx. 110 - 2,340 minutes(39hrs 00mins) ["eneloop" battery at Low, Level 6(Max) - Level 1(Min)] approx. 45 - 1,715 minutes(28hrs 35mins) ["eneloop pro" battery at Full, Level 6(Max) - Level 1(Min)] approx. 140 - 3,185 minutes(53hrs 05mins) ["eneloop pro" battery at Low, Level 6(Max) - Level 1(Min)] approx. 25 - 915 minutes(15hrs 15mins) [Alkaline battery at Full, Level 6(Max) - Level 1(Min)] approx. 60 - 1,940 minutes(32hrs 20mins) [Alkaline battery at Low, Level 6(Max) - Level 1(Min)]	approx. 160 minutes ["eneloop" battery at Low] approx. 210 minutes ["eneloop pro" battery at Low] approx. 90 minutes [Alkaline battery at Low]	Operable Duration (Air) *4 *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]	Operable Duration (Underwater) *5 *6
AA "eneloop" "eneloop pro" battery x6 *7 AA NiMH [good quality] x6 *8 AA Alkaline battery x6	AA "eneloop" "eneloop pro" battery x3 *7 AA NiMH [good quality] x3 *8 AA Alkaline battery x3	Compatible Battery
120m / 394feet	120m / 394feet	Depth Rating *9
Max.dia. ϕ 52.1mm(ϕ 2.1in) x 179.0mm(7.0in) 390.7g(13.8oz) [air] approx.172g(6.1oz) [underwater] *11	Max.dia. ϕ 52.1mm(ϕ 2.1in) x128.8mm(5.1in) 268.0g(9.5oz) [air] approx.109g(3.8oz) [underwater] *10	Size Weight
\pm 0~+30°C (32~86°F)	\pm 0~+30°C (32~86°F)	Working/Storage Temperature
approx. 10,000 hours	approx. 10,000 hours	LED Life Time
Corrosion resistant aluminum/rigid almite, ABS, PC, PMMA etc.	Corrosion resistant aluminum/rigid almite, ABS, PC, PMMA etc.	Material, Finishing
Dome Red Filter LF-EW, Light Shade LF-EW, Hand Strap, INON Grease	Dome Red Filter LF-EW, Light Shade LF-EW, Hand Strap, INON Grease	Standard Accessory
	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)	Shutter Linked AUTO-OFF

- 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/230feet including switch operation.

*10 Including 3 x AA "eneloop" batteries.

*11 Including 6 x AA "eneloop" batteries.

*12 Theoretical working distance to illuminate a subject without significant center spot and not same as the maximum distance this product can deliver light.

Single Light Holder LF

An optional product to attach single LF series LED flashlight on a YS type arm head.



Strobe Light Holder LF

An optional product to hold one or two LF series LED flashlight underneath Z-240/D-2000/S-2000 strobe etc. Compatible with Z Joint or Z Adapter II.



Single Light Holder LF for Tripod

An optional product to attach single LF series LED flashlight on a tripod which is equipped with 1/4-20UNC screw.



Single Light Holder LE

An optional product to attach single LE series LED flashlight on a YS type arm head.



Strobe Light Holder LE

An optional product to hold one or two LE series LED flashlight underneath Z-240/D-2000/S-2000 strobe etc. Compatible with Z Joint, Z Adapter MV or Z Adapter II.



Single Light Holder LE for Tripod

An optional product to attach single LE series LED flashlight on a tripod which is equipped with 1/4-20UNC screw.






Light Case LF 3AA

Light Case LF 6AA

Light Case LE 3AA



	LE700-W Type2	LE700-S Type2	LE350 Type2
			
	Ample features as primary lighting source for photography/videography with powerful 700 lumen and wide 75 degree coverage as well as diving light to illuminate wide area for cave or wreck diving. Operated by easily obtainable 3 x AA size batteries.	Powerful 700 lumen and 30 degree coverage is convenient as a dive light and its even yet strong beam is best suit for macro shooting as well. Versatile multipurpose flashlight for various underwater scenes.	Powerful 350 lumen and 30 degree coverage. Bright beam supports you in night diving and usable as a pointer underwater. Optional filter further utilize the LE350 as photographic lighting device. The LE350 is useful on land as well to use in wide variety of outdoor activity in ocean, river or mountain.
LED Components	High-intensity Power LED (CREE XM-L2™T6™)	High-intensity Power LED (CREE XM-L2™T6™)	High-intensity Power LED (CREE XM-L2™T6™)
Luminous Flux *2 *3	700 lumen	700 lumen	350 lumen
Coverage	75° [without a filter] 75° [with Red Filter LE]	30° [without a filter] 30° [with Red Filter LE] 60° [with W50° Filter LE]	30° [without a filter] 30° [with Red Filter LE] 60° [with W50° Filter LE]
Color Temperature *3	approx. 5,000K	approx. 5,000K	approx. 5,000K
Usable Environment	Underwater	Underwater	Underwater / Air
Operable Duration (Air) *4 *6	—	—	approx. 125 minutes ["eneloop" battery] approx. 155 minutes ["eneloop pro" battery] approx. 150 minutes [Alkaline battery] approx. 180 minutes [Lithium battery(1.5V)]
Operable Duration (Underwater) *5 *6	approx. 60 minutes ["eneloop" battery] approx. 75 minutes ["eneloop pro" battery] approx. 80 minutes [Alkaline battery] approx. 125 minutes [Lithium battery(1.5V)]	approx. 60 minutes ["eneloop" battery] approx. 75 minutes ["eneloop pro" battery] approx. 80 minutes [Alkaline battery] approx. 125 minutes [Lithium battery(1.5V)]	approx. 130 minutes ["eneloop" battery] approx. 165 minutes ["eneloop pro" battery] approx. 150 minutes [Alkaline battery] approx. 185 minutes [Lithium battery(1.5V)]
Compatible Battery	AA "eneloop" "eneloop pro" battery x3 *7 AA NiMH [good quality] x3 *8 AA Alkaline battery x3 AA Lithium battery(1.5V) x3	AA "eneloop" "eneloop pro" battery x3 *7 AA NiMH [good quality] x3 *8 AA Alkaline battery x3 AA Lithium battery(1.5V) x3	AA "eneloop" "eneloop pro" battery x3 *7 AA NiMH [good quality] x3 *8 AA Alkaline battery x3 AA Lithium battery(1.5V) x3
Depth Rating *9	120m / 394feet	120m / 394feet	120m / 394feet
Size Weight	Max.dia. φ33.7mm(φ1.3in) x193.6mm(7.6in) 217.5g(7.7oz) [air] approx.131g(4.6oz) [underwater]	Max.dia. φ33.7mm(φ1.3in) x198.0mm(7.8in) 217g(7.7oz) [air] approx.128g(4.5oz) [underwater]	Max.dia. φ33.7mm (φ1.3in) x197.5mm(7.8in) 212.5g(7.5oz) [air] approx.125g(4.4oz) [underwater]
Working/Storage Temperature	±0~+30°C (32~86°F)	±0~+30°C (32~86°F)	±0~+30°C (32~86°F)
LED Life Time	approx. 10,000 hours	approx. 10,000 hours	approx. 10,000 hours
Material, Finishing	Corrosion resistant aluminum/rigid almite, PBT, Optical glass etc.	Corrosion resistant aluminum/rigid almite, PBT, Optical glass etc.	Corrosion resistant aluminum/rigid almite, PBT, Optical glass etc.
Standard Accessory	Red Filter LE, Hand Strap, INON Grease	Red Filter LE, W50° Filter LE, Hand Strap, INON Grease	Red Filter LE, W50° Filter LE, Hand Strap, INON Grease

*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°C /68°F).

- "eneloop" battery :SANYO "eneloop", HR-3UTGB, 1.2V, Min.1,900mAh
- "eneloop pro" battery :SANYO "eneloop pro", HR-3UWX, 1.2V, Min.2,400mAh
- Alkaline battery :Panasonic "EVOLTA" LR6(EJ), 1.5V
- Lithium battery(1.5V) :Energizer e2 LITHIUM, FR6, 1.5V

*5 Average time to get half brightness when continuously turn ON the product with below listed batteries on underwater (approx. 25°C /77°F).

- "eneloop" battery :SANYO "eneloop", HR-3UTGB, 1.2V, Min.1,900mAh
- "eneloop pro" battery :SANYO "eneloop pro", HR-3UWX, 1.2V, Min.2,400mAh
- Alkaline battery :Panasonic "EVOLTA" LR6(EJ), 1.5V
- Lithium battery(1.5V) :Energizer e2 LITHIUM, FR6, 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

Sanyo "eneloop"/"eneloop pro" battery (HR-3UTG, HR-3UTGA, HR-3UTGB, UR-3UWX).

• 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 84m/276feet including switch operation.

*10 Including 3 x AA "eneloop" batteries.