

Established in 1996, Ningbo Sanfeng Electrical Co.,Ltd is a professional manufacturer and exporter of LED Flashlight. By having 18000㎡ workshop and 50 CNC machines, Sanfeng can offer products in due time. Up to 309 staff including 10 to 16 R&D personnel and 5 to 9 engineers strongly guarantees yearly new product development and every OEM project for customers. Sanfeng is always devoted to be a market leader and supplying the exact products you look for.



**NINGBO SANFENG ELECTRICAL CO. LTD.**  
www.sanfeng-electrical.com



**New**

## SF-L1075

- LED** CREE XM-L2 Series
- BATTERY** 1 x 18650 Li-ion battery  
/ 3 x AAA Alkaline batteries
- SIZE** 158 x 36 x 26 mm (L x H x B)
- WEIGHT** 146 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking with zoom function



### FL1 STANDARD

<b>780 LUMENS</b>	<b>500m</b>	<b>IP65</b>	<b>2m</b>	<b>1.5h</b>	<b>10h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



**New**

**SF-L1076**

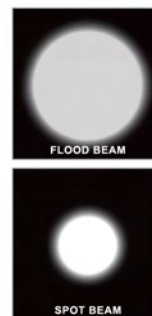
- LED** CREE XM-L2 Series
- BATTERY** 1 x 18650 Li-ion battery
- SIZE** 154 x 40 x 27 mm (L x H x B)
- WEIGHT** 126.5 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 10%-50%-100%-SOS-blinking



**New**

**SF-L1077**

- LED** CREE XM-L2 Series
- BATTERY** 1 x 18650 Li-ion battery
- SIZE** 160 x 45 x 22 mm (L x H x B)
- WEIGHT** 135 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking with zoom function



**FL1 STANDARD**

<b>780 LUMENS</b>	<b>500m</b>	<b>IP65</b>	<b>2m</b>	<b>1.5h</b>	<b>10h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW

**FL1 STANDARD**

<b>780 LUMENS</b>	<b>500m</b>	<b>IP65</b>	<b>2m</b>	<b>1.5h</b>	<b>10h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW





**New**

**SF-L1078**

- LED** CREE XM-L2 Series
- BATTERY** 1 x 18650 Li-ion battery
- SIZE** 124 x 20 x 21 mm (L x H x B)
- WEIGHT** 95 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking

**FL1 STANDARD**

BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



**New**

**SF-L1072**

- LED** CREE XM-L2 Series
- BATTERY** 1 x 18650 Li-ion battery
- SIZE** 124.5 x 26.5 x 26.5 mm (L x H x B)
- WEIGHT** 95 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking

**FL1 STANDARD**

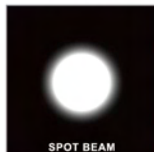
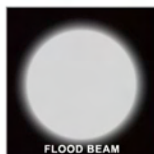
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



**New**

**SF-A2202**

- LED** CREE XP-G2 Series
- BATTERY** 4 x AA Alkaline batteries
- SIZE** 178 x 48.5 x 39 mm (L x H x B)
- WEIGHT** 325 g(battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** Flashlight 100% with zoom function  
Work light 100%



**FL1 STANDARD**

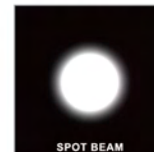
<b>400</b> LUMENS FLASHLIGHT	<b>280</b> LUMENS WORK LIGHT	<b>300m</b>	<b>IP65</b>	<b>2m</b>	<b>8h</b>	<b>48h</b>
BRIGHTNESS	BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



**New**

**SF-A2228**

- LED** CREE XP-G2 Series
- BATTERY** 3 x AAA Alkaline batteries
- SIZE** 136 x 36 x 23 mm (L x H x B)
- WEIGHT** 145.7 g(battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** Flashlight 100% with zoom function  
Work light 100%



**FL1 STANDARD**

<b>280</b> LUMENS FLASHLIGHT	<b>280</b> LUMENS WORK LIGHT	<b>200m</b>	<b>IP65</b>	<b>2m</b>	<b>4h</b>	<b>24h</b>
BRIGHTNESS	BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW

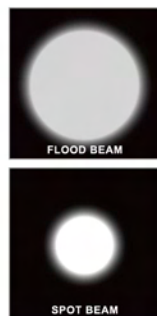




**New**

**SF-A2226AAA3**

- LED** CREE XP-G2 Series
- BATTERY** 3 x AAA Alkaline batteries
- SIZE** 130 x 36x 27 mm (L x H x B)
- WEIGHT** 124.3g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking with zoom function



**FL1 STANDARD**

<b>480 LUMENS</b>	<b>200m</b>	<b>IP65</b>	<b>2m</b>	<b>4h</b>	<b>24h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



**SF-L1070**



- LED** CREE XM-L2 Series
- BATTERY** 3 x 18650 Li-ion batteries
- SIZE** 171 x 58 x 48 mm (L x H x B)
- WEIGHT** 398 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-blinking, with zoom function.

**FL1 STANDARD**

<b>1000 LUMENS</b>	<b>500m</b>	<b>IP65</b>	<b>2m</b>	<b>5h</b>	<b>30h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



**SF-L1069**

- LED CREE XP-G2 Series
- BATTERY 3 x 18650 Li-ion batteries
- SIZE 172 x 58 x 48 mm (L x H x B)
- WEIGHT 353 g (battery excluded)
- Material Aeronautical aluminum alloy
- FUNCTION 100%-50%-blinking

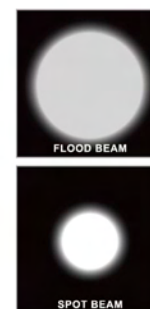
**FL1 STANDARD**

480 LUMENS	200m	IP65	2m	10h	60h
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



**SF-A2161**

- LED CREE XP-G2 Series
- BATTERY 3 x AAA Alkaline batteries
- SIZE 125 x 37 x 27.5 mm (L x H x B)
- WEIGHT 115 g (battery excluded)
- Material Aeronautical aluminum alloy
- FUNCTION 100%-50%-10%-SOS-blinking, with zoom function.



**FL1 STANDARD**

360 LUMENS	200m	IP65	2m	4h	24h
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW





**SF-A2165AA1**

- LED CREE XP-E Series
- BATTERY 1 x AA Alkaline battery
- SIZE 123.5 x 27 x 20 mm (L x H x B)
- WEIGHT 93g (battery excluded)
- Material Aeronautical aluminum alloy
- FUNCTION 100%-blinking with zoom function



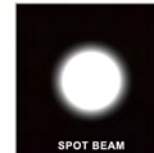
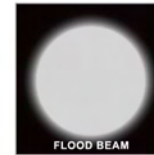
**FL1 STANDARD**

BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



**SF-A2165AAA3**

- LED CREE XP-G2 Series
- BATTERY 1 x 18650 Li-ion battery  
/ 3 x AAA Alkaline batteries
- SIZE 123.5 x 36 x 27.5 mm (L x H x B)
- WEIGHT 103 g (battery excluded)
- Material Aeronautical aluminum alloy
- FUNCTION 100%-50%-10%-SOS-blinking, with zoom function.



**FL1 STANDARD**

BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW

SF-A2162  
Series ▶



▲  
**3xAAA**



▲  
**3xAAA**



▲  
**2xD**

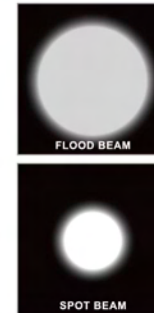


▲  
**3xD**



**SF-A2162AAA3**

- LED** CREE XP-G2 Series
- BATTERY** 3 x AAA Alkaline batteries
- SIZE** 109.5 x 38 x 29.5 mm (L x H x B)
- WEIGHT** 109 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.









**FL1 STANDARD**

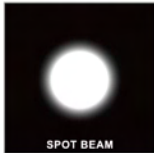
<b>360 LUMENS</b>	<b>200m</b>	<b>IP65</b>	<b>2m</b>	<b>4h</b>	<b>24h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW





**SF-A2162AA3**

-  **LED** CREE XP-G2 Series
-  **BATTERY** 3 x AA Alkaline batteries
-  **SIZE** 131.5 x 49 x 39 mm (L x H x B)
-  **WEIGHT** 209.5 g (battery excluded)
-  **Material** Aeronautical aluminum alloy
-  **FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.









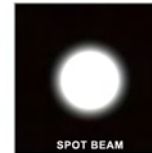
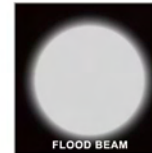
**FL1 STANDARD**

 <b>500 LUMENS</b>	 <b>300m</b>	 <b>IP65</b>	 <b>2m</b>	 <b>8h</b>	 <b>48h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



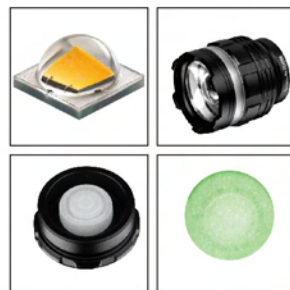
**SF-A2162D2**

-  **LED** CREE XP-G2 Series
-  **BATTERY** 2 x D Alkaline batteries
-  **SIZE** 181 x 58 x 41 mm (L x H x B)
-  **WEIGHT** 308 g (battery excluded)
-  **Material** Aeronautical aluminum alloy
-  **FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.









**FL1 STANDARD**

 <b>500 LUMENS</b>	 <b>500m</b>	 <b>IP65</b>	 <b>2m</b>	 <b>20h</b>	 <b>80h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



**SF-A2162D3**

-  **LED** CREE XM-L2 Series
-  **BATTERY** 3 x D Alkaline batteries
-  **SIZE** 241 x 58 x 41 mm (L x H x B)
-  **WEIGHT** 356 g (battery excluded)
-  **Material** Aeronautical aluminum alloy
-  **FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.



**FL1 STANDARD**

 <b>1000 LUMENS</b>	 <b>500m</b>	 <b>IP65</b>	 <b>2m</b>	 <b>25h</b>	 <b>100h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW

**SF-A2178 Series**

**Dual lens optics**  
**Double brightness**

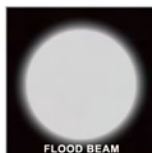




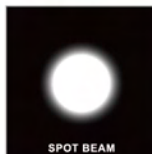


**SF-A2178AA1**

- LED** CREE XR-E Series
- BATTERY** 1 x AA Alkaline battery
- SIZE** 122 x 39 x 24.5 mm (L x H x B)
- WEIGHT** 120 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-blinking, with zoom function.



FLOOD BEAM



SPOT BEAM

**FL1 STANDARD**



BRIGHTNESS RANGE WATERPROOF FALL HIGH LOW



**SF-A2178AAA3**

- LED** CREE XR-E Series
- BATTERY** 3 x AAA Alkaline batteries;
- SIZE** 122 x 39 x 27.5 mm (L x H x B)
- WEIGHT** 120 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.



FLOOD BEAM



SPOT BEAM







**FL1 STANDARD**

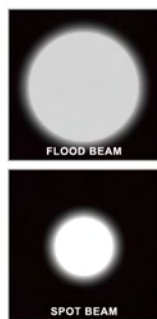


BRIGHTNESS RANGE WATERPROOF FALL HIGH LOW



**SF-A2178L1**

-  **LED** CREE XR-E Series
-  **BATTERY** 1 x 18650 Li-ion battery
-  **SIZE** 133 x 39 x 26.5 mm (L x H x B)
-  **WEIGHT** 123 g (battery excluded)
-  **Material** Aeronautical aluminum alloy
-  **FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.









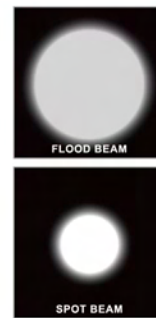
**FL1 STANDARD**

 <b>500 LUMENS</b>	 <b>300m</b>	 <b>IP65</b>	 <b>2m</b>	 <b>3h</b>	 <b>15h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW




**SF-A2178AA2**

-  **LED** CREE XR-E Series
-  **BATTERY** 2 x AA Alkaline batteries;
-  **SIZE** 156 x 39 x 24.5 mm (L x H x B)
-  **WEIGHT** 130 g (battery excluded)
-  **Material** Aeronautical aluminum alloy
-  **FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.



**FL1 STANDARD**

 <b>400 LUMENS</b>	 <b>300m</b>	 <b>IP65</b>	 <b>2m</b>	 <b>1h</b>	 <b>10h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



## SF-A2177 Series

**Dual lens optics**  
**Double brightness**

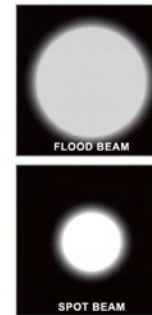


▲  
1xAA

▲  
3xAAA

▲  
1x18650

▲  
2xAA









FLOOD BEAM

SPOT BEAM



### SF-A2177AA1

-  **LED** CREE XR-E Series
-  **BATTERY** 1 x AA Alkaline battery
-  **SIZE** 120 x 37.5 x 24.5 mm (L x H x B)
-  **WEIGHT** 126 g (battery excluded)
-  **Material** Aero-nautical aluminum alloy
-  **FUNCTION** 100%-blinking, with zoom function.

#### FL1 STANDARD



BRIGHTNESS

RANGE

WATERPROOF

FALL

HIGH

LOW



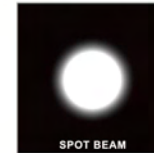
### SF-A2177AAA3

- LED** CREE XR-E Series
- BATTERY** 3 x AAA Alkaline batteries
- SIZE** 120 x 37.5 x 27.5 mm (L x H x B)
- WEIGHT** 126 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.



### SF-A2177L1

- LED** CREE XR-E Series
- BATTERY** 1 x 18650 Li-ion battery
- SIZE** 134 x 37.5 x 27.5 mm (L x H x B)
- WEIGHT** 132 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.



**FL1 STANDARD**



BRIGHTNESS RANGE WATERPROOF FALL HIGH LOW

**FL1 STANDARD**



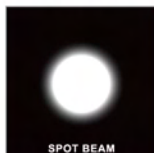
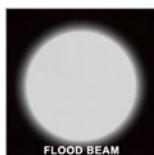
BRIGHTNESS RANGE WATERPROOF FALL HIGH LOW





### SF-A2177AA2

- LED** CREE XR-E Series
- BATTERY** 2 x AA Alkaline batteries
- SIZE** 155 x 37.5 x 24.5 mm (L x H x B)
- WEIGHT** 137 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.



#### FL1 STANDARD

<b>400 LUMENS</b>	<b>300m</b>	<b>IP65</b>	<b>2m</b>	<b>1h</b>	<b>10h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW

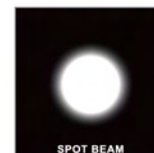
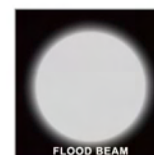


### Dual lens optics Double brightness



### SF-A2150AA3

- LED** CREE XR-E Series
- BATTERY** 3 x AAA Alkaline batteries
- SIZE** 135 x 47 x 36.5 mm (L x H x B)
- WEIGHT** 227 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.



#### FL1 STANDARD

<b>500 LUMENS</b>	<b>300m</b>	<b>IP65</b>	<b>2m</b>	<b>8h</b>	<b>48h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW

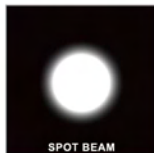
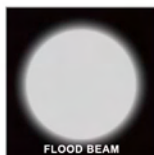


**Dual lens optics**  
**Double brightness**



**SF-A2158D3**

- LED** CREE XR-E Series
- BATTERY** 3 x D Alkaline batteries
- SIZE** 252 x 51 x 39 mm (L x H x B)
- WEIGHT** 366 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.



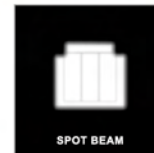
**FL1 STANDARD**

<b>500 LUMENS</b>	<b>500m</b>	<b>IP65</b>	<b>2m</b>	<b>40h</b>	<b>200h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



**SF-L1036**

- LED** CREE XM-L2 Series
- BATTERY** 1 x 18650 Li-ion battery
- SIZE** 142 x 35 x 25 mm (L x H x B)
- WEIGHT** 118 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.



**FL1 STANDARD**

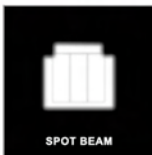
<b>780 LUMENS</b>	<b>300m</b>	<b>IP65</b>	<b>2m</b>	<b>1.5h</b>	<b>10h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW





**SF-L1037**

- LED** CREE XM-L2 Series
- BATTERY** 1 x 18650 Li-ion battery
- SIZE** 142 x 37 x 25 mm (L x H x B)
- WEIGHT** 133 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.



**FL1 STANDARD**

<b>780 LUMENS</b>	<b>300m</b>	<b>IP65</b>	<b>2m</b>	<b>1.5h</b>	<b>10h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



**SF-A2100**

- LED** CREE XM-L2 Series
- BATTERY** 3 x AAA Alkaline batteries
- SIZE** 144 x 42 x 27.5 mm (L x H x B)
- WEIGHT** 134 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking

**FL1 STANDARD**

<b>480 LUMENS</b>	<b>200m</b>	<b>IP65</b>	<b>2m</b>	<b>4h</b>	<b>24h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



**SF-A2101**

- LED CREE XM-L2 Series
- BATTERY 3 x AAA Alkaline batteries
- SIZE 144 x 44 x 27.5 mm (L x H x B)
- WEIGHT 139 g (battery excluded)
- Material Aeronautical aluminum alloy
- FUNCTION 100%-50%-10%-SOS-blinking

**FL1 STANDARD**

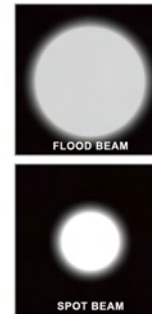


BRIGHTNESS RANGE WATERPROOF FALL HIGH LOW



**SF-A2106**

- LED CREE XM-L2 Series
- BATTERY 3 x AAA Alkaline batteries
- SIZE 118 x 37 x 27.5 mm (L x H x B)
- WEIGHT 102 g (battery excluded)
- Material Aeronautical aluminum alloy
- FUNCTION 100%-50%-10%-SOS-blinking, with zoom function.



**FL1 STANDARD**



BRIGHTNESS RANGE WATERPROOF FALL HIGH LOW





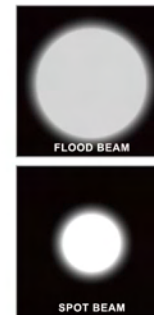
**SF-A2025**

- LED** CREE XR-E Series
- BATTERY** 3 x AAA Alkaline batteries
- SIZE** 105 x 34 x 27.5 mm (L x H x B)
- WEIGHT** 96 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.



**SF-A2025T**

- LED** CREE XR-E Series
- BATTERY** 3 x AAA Alkaline batteries
- SIZE** 103 x 34 x 27.5 mm (L x H x B)
- WEIGHT** 90 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.



**FL1 STANDARD**

<b>260 LUMENS</b>	<b>200m</b>	<b>IP65</b>	<b>2m</b>	<b>4h</b>	<b>24h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW

**FL1 STANDARD**

<b>260 LUMENS</b>	<b>200m</b>	<b>IP65</b>	<b>2m</b>	<b>4h</b>	<b>24h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



**SF-A2038T**

- LED** CREE XR-E Series
- BATTERY** 3 x AAA Alkaline batteries
- SIZE** 113 x 34.5 x 27.5 mm (L x H x B)
- WEIGHT** 85 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100%-50%-10%-SOS-blinking, with zoom function.



**FL1 STANDARD**

<b>260 LUMENS</b>	<b>200m</b>	<b>IP65</b>	<b>2m</b>	<b>4h</b>	<b>24h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW



**SF-A2122**

- LED** Chinese 1W LED
- BATTERY** 3 x AAA Alkaline batteries
- SIZE** 99 x 29 x 26 mm (L x H x B)
- WEIGHT** 50 g (battery excluded)
- Material** Aeronautical aluminum alloy
- FUNCTION** 100% brightness







**FL1 STANDARD**

<b>90 LUMENS</b>	<b>100m</b>	<b>IP65</b>	<b>2m</b>	<b>4h</b>	<b>24h</b>
BRIGHTNESS	RANGE	WATERPROOF	FALL	HIGH	LOW





### SF-A2302

-  **LED** Chinese 1W LED
-  **BATTERY** 1 x AA Alkaline batteries
-  **SIZE** 94 x 29 x 20 mm (L x H x B)
-  **WEIGHT** 55 g (battery excluded)
-  **Material** Aeronautical alium alloy
-  **FUNCTION** 100% brightness

#### FL1 STANDARD



BRIGHTNESS RANGE WATERPROOF FALL HIGH LOW

Dear Customers

We believe SANFENG must be your best choice.

In SANFENG, We're lived by a code.

And the code is simple.

Get to know our customers.

Serve our customers.

And care about our customers.

Customers' satisfaction is everything to us all.

We'll try our best to serve you.

Company Location:

