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FEREI LIGHTING
LED Dive Lights Catalogue

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The **Sponsor** of domestic famous Bicycle Race "Taokas & Ferei Lighting Championship" 



CONQUER THE DARK



Profile | Company



Ferei is an international famous brand. We are a high-tech enterprise focusing on developing, manufacturing and marketing of various outdoor lighting products. With high quality, high efficiency, high satisfaction products, Ferei is trusted by customers worldwide.

Ferei Lighting now has 150 patented products, which are widely used in: night lighting, hunting, fishing, diving, camping, hiking, exploring; mountain bikes & road bikes, cars, railway lighting, hotels, rescuing; mining, forestry, agriculture & animal husbandry, night work, household lighting; gem and jade identification, jewelry display lighting and high-end gifts, etc. All Ferei products are tested under high and low temperature, vibration,

shock, and passed CE, RoHS, IP68 or IP57 certification.

Ferei lighting aims to "building a life-long, high quality brand through continuous improvement", committed to be a leader in outdoor lighting area.

- Ferei Lighting is one of China's biggest exporters of lighting products.
- Ergonomic design especially adapted to outdoor sports.
- Ferei's strong dedication to continuing development and improvement,ownership of more than 150 patents,and experienced engineering team.
- Our use of top-quality batteries, LED light sources, PCB boards,and other electronic parts, all included with a free 2-year,ultra-long warranty.
- Our strict quality-control process requires all products to pass a variety of demanding tests, including high-and low-temperature tests, vibration and impact tests, waterproofing tests, charging and discharging tests, etc.
- Ferei has passed RoHS certification requirements, all our materials use environmental components,and we use only high-quality, safe materials..



6 Reasons to Choose Ferei Lighting



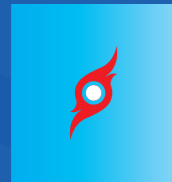
Catalogue

W150	.....	7
W151/W151B	.....	8
W152/W152B	.....	9
W153	.....	10
W156	.....	11
W157/W157B	.....	12
W158/W158B	.....	13
W160/W160A	.....	14
W163/W163B	.....	15
W170/W170A	.....	16
W172/W172B	.....	17-18
Accessories	.....	19-20

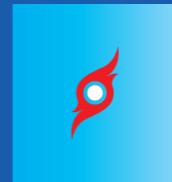
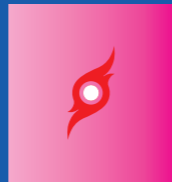
2011 ferei cup
Maluan Mountain Downhill Race
in Shenzhen



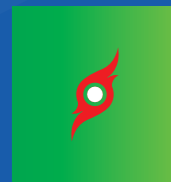
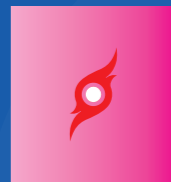
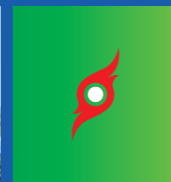
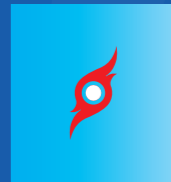
2014 ferei cup
Heimi Mountain National
DH Race in Huadu



2012 ferei cup
Winter DH Race in Shenzhen



2013 ferei cup
Yangmei Hill DH Race in Huadu
District, Guangzhou





Dive Light Series



W150

Patent No. ZL200920261265.1

LED	1*CREE XR-E
Beam Color	Cool White
Max Output	225Lumens
Beam angle	6 degree
Runtime	2.5 hours(continuously at Max output)
Battery	1X18650
Waterproof Grade	IPX8
Diving Depth	150 meters
Dimension	37mm (head diameter)* 26.5mm (body diameter)*153mm (length)
Weight	170g(battery excluded)
Underwater weight	110g(battery included)

Ferei Dive Flashlight W150
Waterproof grade IPX8
for 150 meters underwater
Features a rotatable magnetic
control switch, long runtime
and low-battery warning
functions.

Suitable for diving, exploring,
 shipping, searching, traveling,
 etc



Rotatable magnetic control switch



225 lumens,
 CREE XR-E LED



High-quality O-ring
 enabling waterproofing
 at 150 meters



Beam shot at building
 100 meters away



Waterproof
 to **150** meters in
 accordance with
IPX8



Rechargeable kit



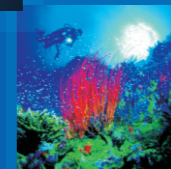
W151/W151B

Patent No. ZL201220301797.5

LED	1*CREE XM-L
Beam Color	Cool White/Neutral White
Max Output	800/650Lumens
Beam angle	8 degree
Runtime	1 hour(continuously at Max output)
Battery	1X18650
Waterproof Grade	IPX8
Diving Depth	150 meters
Dimension	42mm (head diameter) 26.5mm (body diameter)158.5mm (length)
Weight	227g(battery excluded)
Underwater weight	112g(battery included)



Waterproof
 to **150** meters
 in accordance with **IPX8**



CREE XM-L LED
 800 Lumens
 high-transmittance
 4mm glass lens.
 high-quality
 aluminum reflector



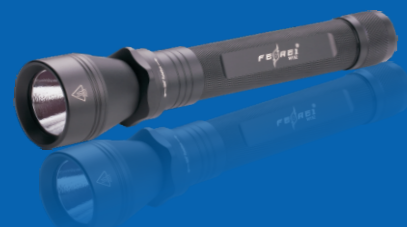
Rotatable magnetic control
 switch Brightness modes:
 Max-Med-Min-Strobe



Selected aviation-grade
 aluminum shell with better-
 grip pattern, durable and
 wear resistant



Rechargeable kit



W152/W152B

Patent No. ZL201220301797.5

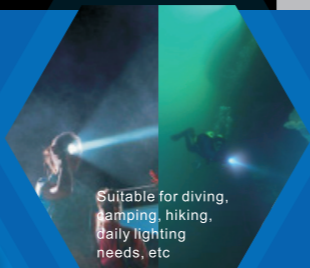
LED	1*CREE XM-L
Beam Color	Cool White/Neutral White
Max Output	800/650Lumens
Beam angle	8 degree
Runtime	2 hours(continuously at Max output)
Battery	2X18650
Waterproof Grade	IPX8
Diving Depth	150 meters
Dimension	42mm (head diameter) 26.5mm (body diameter)*222mm (length)
Weight	273.3g(battery excluded)
Underwater weight	155g(battery included)



CREE XM-L LED, 800 lumens



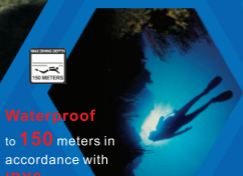
Slender appearance 2-piece batteries, longer runtime



Suitable for diving, camping, hiking, daily lighting needs, etc



Rechargeable kit



Waterproof to 150 meters in accordance with IPX8

W152 is the updated version of W151 with even better performance. Runtime is doubled as powered by 2 pieces 18650 batteries.

well suited for divers who need longer runtime



W153

Patent No. ZL201220609694.5

LED	White: 1xCREE XM-L Red: 2xCREE XP-E
Max Output	White/Red: 800/500Lumens
Beam angle	80 degree
Runtime	1.5 hours(continuously at Max output)
Battery	1X18650
Diving Depth	150 meters
Waterproof Grade	IPX8
Dimension	50mm (head diameter)* 26.5mm (body diameter)*160mm (length)
Weight	175g(battery excluded)
Underwater weight	125g(battery included)

W153, red and white-beam colors available. 360-degree rotatable magnetic control switch to adjust the beam color and brightness. With steady circuits and easy operation, the W153 model is your best assistant for underwater photography, underwater filming, and other underwater activities.

1*CREE XM-L White LED



2*CREE XP-E Red LED



White beam: Max - Med - Off

Red beam: Max - Med - Off



800Lumens, 1*CREE XM-L White LED



500 Lumens, 2*CREE XP-E Red LED



Waterproof to 150 meters in accordance with IPX8



Rechargeable kit





W156

LED	White: 1xCREE XM-L Red: 2xCREE XP-E
Max Output	White/Red: 800/500Lumens
Beam angle	80 degree
Runtime	3 hours(continuously at Max output)
Battery	2X18650
Diving Depth	150 meters
Waterproof Grade	IPX8
Dimension	50mm (head diameter) 26.5mm (body diameter)222mm (length)
Weight	278g(battery excluded)
Underwater weight	174g(battery included)

W156 is the updated version of W153 with even better performance. Runtime is doubled as powered by 2pieces 18650 batteries.



Waterproof to 150 meters in accordance with IPX8



Rechargeable kit

well suited for divers who need longer runtime

W157/W157B

LED	3*CREE XM-L2
Beam Color	Cool White/Neutral White
Max Output	2580/2480Lumens
Beam angle	80 degree
Runtime	1.7 hours(continuously at Max output)
Battery	3X18650
Waterproof Grade	IPX8(Diving Depth:150 meters)
Dimension	50mm (head diameter)*297mm (length)
Weight	453g(battery included)
Underwater weight	228g(battery included)



Waterproof to 150 meters in accordance with IPX8



Magnet control Switch Max-Mid-Low-Strobe

1.7 hours

1.7 hours runtime (continuously at max output)



Full kit

The high power LED with 100,000 hours life-span





W158/W158B

LED	1xCREE XM-L2
Max Output	Cool White/Neutral White : 860/700Lumens
Beam angle	9 degree
Runtime	2.5 hours(continuously at Max output)
Battery	2X18650
Diving Depth	150 meters
Waterproof Grade	IPX8
Dimension	50mm (head diameter)* 27.5mm (body diameter)*210mm (length)
Weight	233g(battery excluded)
Underwater weight	163g(battery included)



Slender appearance 2 piece batteries, longer runtime



Waterproof
to **150** meters in accordance with **IPX8**



well suited for divers who need longer runtime



Rechargeable kit



W160/W160A

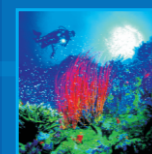
Patent No. ZL201130489834.0

LED	1*CREE XM-L
Beam Color	Cool White/Neutral White
Max Output	1000/800Lumens
Beam angle	8.5 degree
Runtime	8 hours(continuously at Max output)
Battery	6X18650
Waterproof Grade	IPX8(Diving Depth:150 meters)
Beam Distance	300 meters
Dimension	64mm (head diameter) 62mm (body diameter)143mm (length)
Weight	908g(battery included)
Underwater weight	420g(battery included)

Runtime of up to 8 hours continuously at max output ensuring enough time for underwater operations.



Waterproof
to **150** meters in accordance with **IPX8**



Waterproof recharging plug
Elastic reset magnetic switch: Max - Med - Strobe

8 hours

8 hours runtime (continuously at max output)



Full kit warm filters and white diffusers optional





Unique Wide Angle Beam

3xCREE LED
2960LumensFull kit
warm filters and white
diffusers optionalWaterproof
recharging plugElastic reset magnetic
switch: Max-Med-Min-StrobeWaterproof
to **150** meters in
accordance with
IPX8

W163/W163B

LED	3 X CREE XM-L2
Beam Color	Cool White/Neutral White
Max Output	2960/2600Lumens
Beam angle	94 degree
Runtime	2 hours(continuously at Max output)
Battery	6X18650
Waterproof Grade	IPX8(Diving Depth:150 meters)
Dimension	64mm (head diameter) 62mm (body diameter)143mm (length)
Weight	928g(battery included)
Underwater weight	425g(battery included)

Ultra-high
Brightness
2960
Lumens
Wide Angle
Beam



W170/W170A

Patent No. ZL201120286626.5

LED	3 X CREE XM-L2
Beam Color	Cool White/Neutral White
Max Output	2960/2600Lumens
Beam angle	9 degree
Battery	6X18650
Waterproof Grade	IPX8(Diving Depth:150 meters)
Beam Distance	500 meters
Dimension	95mm (head diameter) 66mm (body diameter)158mm (length)
Weight	1378g(battery included)
Underwater weight	630g(battery included)

W160 series focuses mainly on the practical and compact size, combining high brightness and long runtime together. While W170 series focuses more on the super brightness with more 2960 Lumens. With elastic reset switch and waterproof recharging hole, W170 is professionally suited for underwater searching, diving, shipping, police, rescuing, etc

Waterproof
to **150** meters in
accordance with
IPX8Solid aviation-grade aluminum body
Silicon rubber coated handle for a
better grip and comfortable feel!Elastic reset
magnetic switch
Waterproof recharging plug3xCREE XM-L2
2960Lumens

Full kit



**Max output
5600
Lumens**


W172/W172B

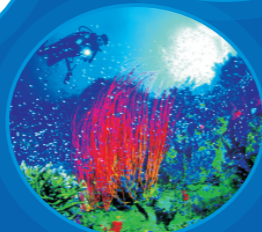
Patent No. ZL201030262503.9

LED	6 X CREE XM-L2
Beam Color	Cool White/Neutral White
Max Output	5600/5200 Lumens
Beam angle	10 degree
Runtime	1.3 hours (continuously at Max output)
Battery	6X18650
Waterproof Grade	IPX8 (Diving Depth: 150-200 meters)
Beam Distance	800/720 meters
Dimension	95mm (head diameter) 66mm (body diameter) 158mm (length)
Weight	1380g (battery included)
Underwater weight	634g (battery included)



6* CREE XM-L2
5600 Lumens

Waterproof
to **150** meters in
accordance with
IPX8 



Elastic reset
magnetic switch
Waterproof recharging plug



Solid aviation-grade aluminum body
Silicon rubber coated handle for a
better grip and comfortable feel



Full kit

The difference and function between Version A and Version B led diving flashlight

W series diving flashlight is professional designed for underwater activities, and also for daily lighting usage. So all W series lights are available in version A and Version B to satisfy kinds of request.

Normal Version: Cool white beam for more brightness and longer distance, black body is popular as the classical choice.

Version A: Neutral white beam for stronger penetration and better CRI, golden body is easy observed underwater.

Version B: Neutral white beam for stronger penetration and better CRI, black body is popular as the classical choice.






Accessories



AC100A

- 3.5DC plug professional quick charger
Suits for W160, W160A.
With over-load/short-circuit/polarity reverse protection.
Red/green LED indicator showing charging state.
Input: 100-240V 50/60Hz
Output: DC4.2V=3.0A




C28

- Can recharge one or two pieces 18650 Li-Ion batteries at the same time.
Need to connect with 110-240V power adaptor for indoor use.
With over-charge protection circuit.




AC300

- 5.5DC plug professional quick charger
Suits for W170, W170A, W172, W172B, W163, W163B.
With over-load/short-circuit/polarity reverse protection.
Red/green LED indicator showing charging state.
Input: 100-240V=50/60Hz 1.0A Max
Output: DC12.6V=2.0A




C29

- Capable of charging 4 batteries simultaneously
Each of the four battery slots monitors and charges independently
Automatically detects battery status and selects the appropriate voltage and charge mode
Three color LED displays charging progress for each battery
Automatically stops charging when complete
Features reverse polarity protection
Input: AC100-240V 50/60Hz 10W
Output: DC12V 10W




AC009

- 3.5DC plug professional quick charger
Suits for 700, 701, 520, 521, C24, C28.
With over-load/short-circuit/polarity reverse protection.
Red/green LED indicator showing charging state.
Input: AC100-240V 50/60Hz
Output: DC4.2V=1.2A




DC12

- 12V DC adapter, 3.5 DC plug. Suitable for Ferei 700, 701, 520, 521 flashlights and C24, C28 battery holder.
The spare charger in the car to ensure the battery full of power all the time.
Input: DC12-24V
Output: DC4.2V +/- 6% 1A MAX




C24 Patent No.: ZL201030237128.2

- To recharge 18650/14500/16340 cylindrical Lithium battery.
Can be connected with 110-240V/1A power adaptor for indoor use.
Can also be connected with 12-24V car charger in car use.
With protection circuit module.




DC12B

- 12V DC adapter. Can be recharge W160, W160A!
You don't need to worry about the battery running out, with this car express charger, you can link the flashlight to the Cigarette lighter receptacle to recharge W160, W160A.
Input: DC12-24V
Output: DC4.2V +/- 6% 1A MAX




DC13

- 12.6V DC adapter, to recharge W170, W170A, W172, W172B, W163, and W163B in the Car!
You don't need to worry about the battery running out, with this car express charger, you can link the flashlight to the Cigarette lighter receptacle to finish the charge process.
Input: DC13-24V
Output: DC12.6V=1.0A



Professional bag

- Professional Packing Bag for W160/W163/W170/W172 Series.



S01

- Ferei Lubricant suitable for all Ferei flashlights.
With this ubricant on threads, every screw/unscrew of the flashlight feels more smooth.
Weight: 10g/box.



Warm Filter and Diffuser for W151/W152

- Ferei filter and diffuser for dive flashlights: especially suited for Ferei W151/W152. Fix the filter with Ferei silicon rubber case on the head of W151/W152, the flashlight will produce a warm beam, which has a better penetration in cloudy water. Fix the diffuser with FEREI silicon rubber case on the head of W151/W152, the flashlight will produce a wider beam, which can give the diver a wider vision underwater.



18650

- Lithium battery with 3400mAh electronic capacity.
Built in circuit protection to prevent over-charge and over-discharge.
Suits for Ferei headlamp HL08, HL20, HL40, HL50 and diving light W150, W151, W151B, W153 and flashlight F7, F-VI.



Warm Filter and Diffuser for W160

- Ferei filter and diffuser for dive lights: especially suited for Ferei W160. Fix the filter with Ferei silicon rubber case on the head of W160, the light will produce a warm beam, which has a better penetration in cloudy water. Fix the diffuser with FEREI silicon rubber case on the head of W160, the light will produce a wider beam, which can give the diver a wider vision underwater.



18650

- Lithium battery with 2600mAh electronic capacity.
Built in circuit protection to prevent over-charge and over-discharge.
Suits for Ferei headlamp HL08, HL20, HL40, HL50 and diving light W150, W151, W151B, W153 and flashlight F7, F-VI.



Warm Filter and Diffuser for W170/W172

- Ferei filter and diffuser for dive lights: especially suited for Ferei W170/W172. Fix the filter with Ferei silicon rubber case on the head of W170/W172, the light will produce a warm beam, which has a better penetration in cloudy water. Fix the diffuser with FEREI silicon rubber case on the head of W170/W172, the light will produce a wider beam, which can give the diver a wider vision underwater.