

ENFITNIX

PRODUCT BROCHURE
产品目录

ENFITNIX

©2021 by Enfitnix Technology Co., Ltd.

公司地址：东莞市松山湖高新技术产业开发区生产力大厦453室
邮编：523000
联系电话：+86 (0)769 2223 4810
销售：sales@enfitnix.com
售后服务：ecs@enfitnix.com

Room 453, Sheng Chan Li Building, SongShangHu district, Dongguan, Guangdong, China.
Postcode: 523000
Tel: +86 (0)769 2223 4810
Sales: sales@enfitnix.com
Customer Service: ecs@enfitnix.com

东莞市英豪智能科技有限公司
Dongguan Enfitnix Technology Co., Ltd.

Ver00.08 | 2021年05月 | May, 2021



About Us
关于我们



东莞市英豪智能科技有限公司
Dongguan Enfitnix Technology Co., Ltd.

Dongguan Enfitnix Technology Co., Ltd. found in June 2016 and located in Song Shan Lake high Tech Park in DongGuan, China.

We are focusing on design, development and manufacturing high quality consumer electronics. "Providing high quality products with the best user experience for our customer" is our design language . We are able to provide customized hardware/software solution to full fill our customer need.

We have a full cross-function team to ensure all products are designed and built base on international quality standards. We meet the Intellectual Property Management Approval System Standard (GB/T29490-2013,Certificate No. 165IP180518ROS).

Table of Content
目录

Bicycle front light
自行车前灯

03-06

Navi350 Bicycle Front Light	3
Navi600 Smart Bicycle Front Light	4
Navi500/800/800+ smart front light	5
Navi1600 smart front light	6

Bicycle Rear Light
自行车尾灯

07-12

Xlite100 Smart tail light	7
Xlite200 Smart tail light	8
CubeLite II Smart tail light	9
XlitET/XlitET+ Smart tail light	10
XLite100SF/SR Smart lights for Skateboard	12

Accessories
选配件

13-14

a) GoPro adaptor for Navi350/500/600/800	13
b) Universal Cycle Computer Mount	13
c) Cycle Computer Mount (stem mount)	13
d) GoPro mount adaptor for helmet	
Suitable to use with NaviXXX serial front light	13
e) Xlite100 Mounting Bracket	14
f) Xlite100 Number Plate bracket	14
g) Xlite100 Seat Post Mounting Bracket	14
h) Navi series 18650 battery	14

Bicycle front light

自行车 前灯



Navi350 Bicycle Front Light

The Navi350 is able to deliver up to 350lm of light and it is a perfect solution for daily commuting. Patented mounting designed system allows easy to mount on the handlebar or any bracket that support the GoPro adaptor system.

It is fully compact with the Navi series mounting system. Thanks to the compact size, the Navi350 is easy to install and integrate to your bike.



Key feature

- ◎ 4 power level and a flash mode
- ◎ Delivers up to 350 lumen of light
- ◎ 1900mAh Li-ion
- ◎ Run Time: >3hrs at Max power
- ◎ 6061 CNC Aluminium alloy chassis
- ◎ USB type-c
- ◎ Charge status indicate
- ◎ Low battery indication
- ◎ Water proof IPx6
- ◎ Handle bar mounting / Cycling Computer mounting

Navi600 Smart Bicycle Front Light

The Navi600 comes with a touch slide bar which allow you quickly and easily change the light power without distracting the user while cycling. The integrated two-digits LED display is designed to display the approx run time left which allow you to adjust the power to better suit your journey plan.

Up to 600lux is good enough to use in city or off-road journey.

The ECO mode is designed to maximize battery life - When the ECO is enabled the light power will be changed depend on the ambient light intensity to save power. Nave600 support traditional operation which has four power levels and a flash mode.

Key feature

- ◎ Linear brightness adjustment with slide bar
- ◎ Support traditional operation: 4 power level and a flash mode.
- ◎ LG 3350mAh Li-ion re-chargeable battery
- ◎ Run Time: Approx 14hrs+14hrs@100lux, 3hrs@450Lux, 2hrs@600lux, 36hrs@Flash Mode
- ◎ Full 6061 CNC Aluminium alloy chassis
- ◎ Handle bar mounting/Cycling Computer mounting (option part is required)

- ◎ Delivers up to 600lm of light
- ◎ Run time display
- ◎ USB type-c
- ◎ Charge status indicate
- ◎ Low battery indication
- ◎ Water proof IPx5
- ◎ Weight 123±5g



Navi500/800/800+ smart front light

The Navi800 was designed to be easy to use. It comes with integrated sensors to monitor what is happening around over time and automatically start and stop.

The Navi800 is able to deliver up to 800lm of light to guide you from trail to trail and through your urban commutes with high visibility and safety. Patented mounting designed allows easy to mount on the handle bar or any bracket that support the GoPro adaptor system.

The meticulously design reflector deliver a clear cut light ensure your light does not dazzle others.

Navi800+ supports 2.4G wireless remote control



Removable Li-Ion rechargeable battery allow you to replace the battery when battery run out. The product life time is no longer limited by aging problem of the battery.

30,000+ hours life time of the LED is guaranteed. The patented battery cartridge system allow the light to be install "up-side-down" while keeping the Cut-Line on the top.

Key feature

- Cut line reflector
- 4 power level and a flash mode
- Delivers up to 800 lumen of light
- 3350mAh Li-ion re-chargeable battery (replaceable)
- Run Time: Flash mode 15.2hrs, 5.6hrs@300lm, 3.2hrs@440lm ,2.6hrs@550Lm, 2.1hrs@616lm, 1.5hrs@800lm.
- 6061 CNC Aluminium alloy chassis
- USB type-c
- Charge status indicate
- Low battery indication
- Water proof IPx6
- Handle bar mounting/ Cycling Computer mounting
- Weight 123±5g



Navi1600 smart front light

The Navi1600 is designed for those who ride both off-road and urban. This cycling front light has a powerful output of 1,600 lumens to make sure you are safe long after the sun has set.

The Navi1600 is able to switch between High Beam or Low Beam. The High Beam provide clarity so you can tackle the dark nights with confidence when riding off-road. The precision optics of the Low Beam giving large view angle and doesn't discomfort others while riding in the city.

The Navi1600 is also inherit the most favorite features from Navi800 - The removable battery cartridge allow the light to support both handlebar mount/cycle computer mount. Also, this design allow the customer to replace drained batteries, therefore, infinite battery is possible as long as there are enough spare batteries.

Key feature

- High beam/Low beam switch
- Cut line reflector
- 4 power level and a flash mode
- Delivers up to 1600lm
- 2x3350mAh Li-ion re-chargeable battery (replaceable)
- 6061 CNC Aluminium alloy chassis
- USB type-c
- USB output
- Charge status indicate
- Low battery indication
- Water proof IPx6
- Handle bar mounting/Cycling Computer mounting
- Weight 123±5g
- Support Remote control(Navi1600+ only)



Bicycle Rear Light

自行车 尾灯

XLite100 Smart tail light

The XLite100 is the world's first bicycle tail light with brake sensing and auto-start/stop technology.

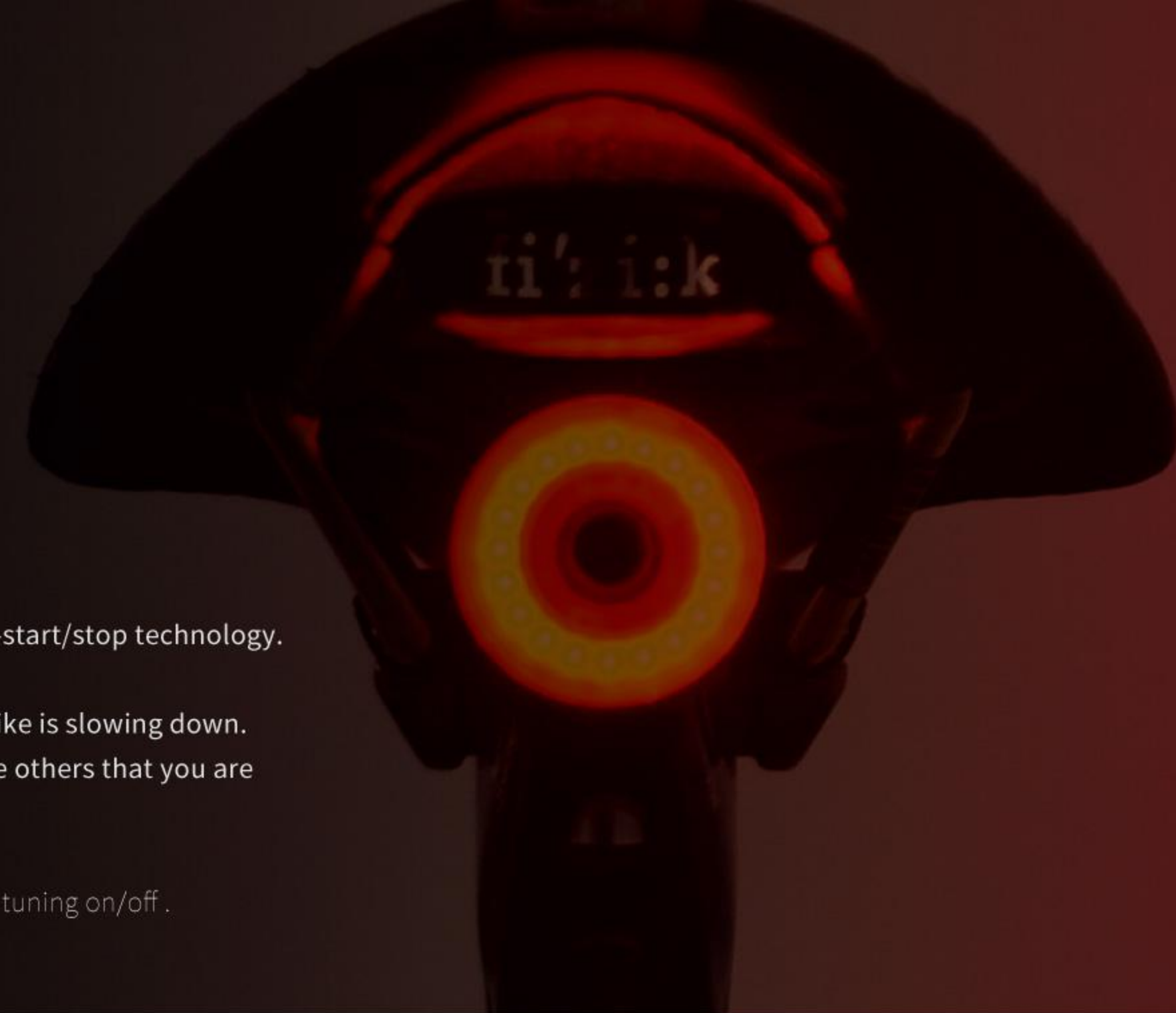
XLite100 integrated an accelerometer which allow the light to detect if the bike is slowing down. Then automatically change from flash mode to the "brake" mode to tell the others that you are slowing down.

The XLite100 is able detect the ambient light intensity/motion and automatically tuning on/off. This feature greatly improve the cyclist's safety.

Key feature

- ◎ Ingratiated brake sensing techniques
- ◎ COB LED
- ◎ Full 6061 Aluminium alloy chassis
- ◎ Automatically turn on/off depending on the light intensity and motion.
- ◎ Automatically switch to sleep mode to save power.
- ◎ Seat rail mounting
- ◎ Three flash modes
- ◎ 20hrs+ run time
- ◎ 400mAh Li-ion re-chargeable battery
- ◎ USB charging
- ◎ Charge stage indicate
- ◎ Compact and Light weight design
- ◎ IPx6 Water proof
- ◎ Auto/Manual mode switch*
- ◎ 3 Optional parts available

Note: *Manual mode need to switch on/off the light manually.



XLite200 Smart tail light

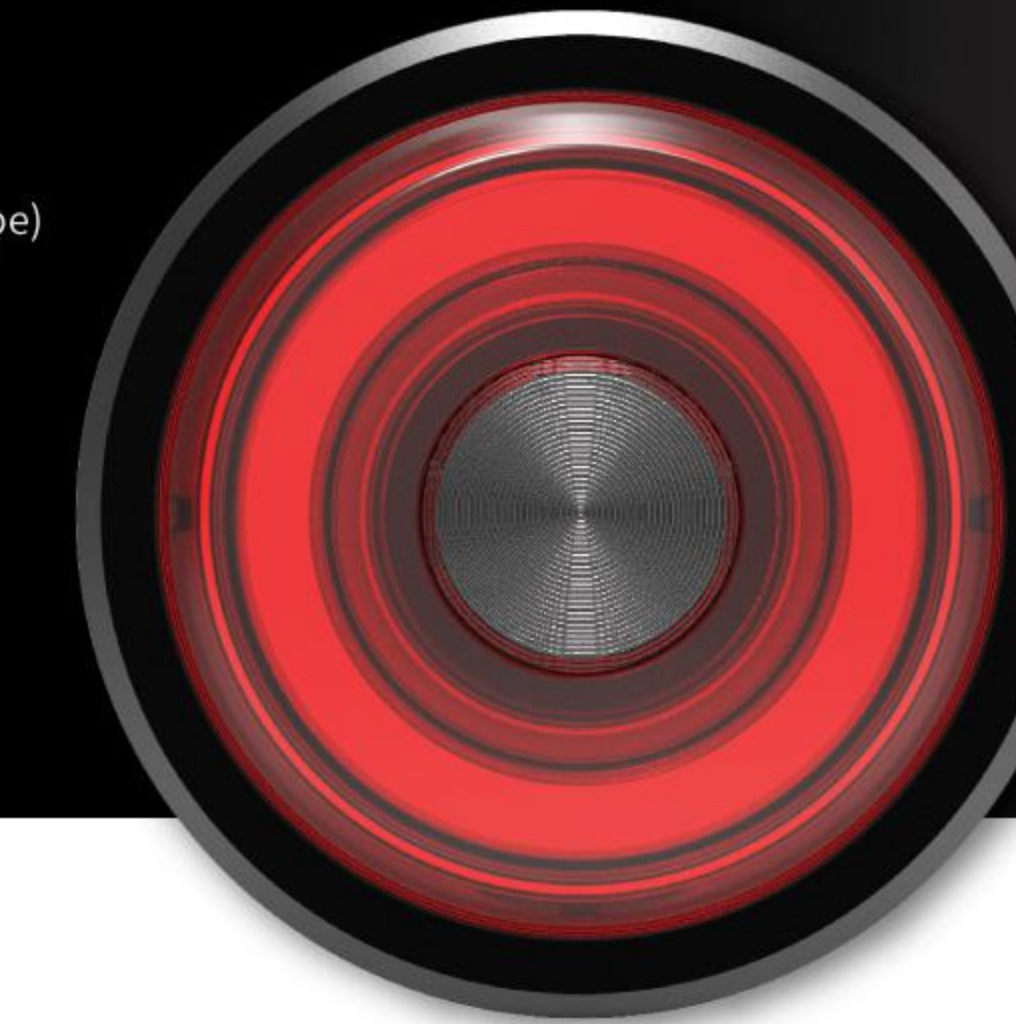
XLite200 integrated with a six-axis men's sensor (Accelerometer and Gyroscope) which allow the light to detect if the bike is slowing down. The additional Gyroscope allow better response on bike angle change and therefore ensure more accurate braking detection. The upgraded 32-bit ARM processor ensure quicker response to braking.

The XLite200 is able detect the ambient light intensity and automatically adjust the output power of the light. The XLite200 also inherit the base feature from XLite100 - Auto-stop: Auto switch off if no motion is detected for 10s.

Key feature

- ◎ Ingratiated brake sensing techniques
- ◎ High Power
- ◎ Carbon Fiber + CNC 6061 Alu
- ◎ Auto start/stop.
- ◎ Auto power.
- ◎ Seat rail/Seatpost mouning
- ◎ 6 flash modes
- ◎ 27+hrs run time
- ◎ 400mAh Li-ion re-chargeable battery
- ◎ USB charging(Micro USB)
- ◎ Low battery, Operation mode and charge stage indicate.
- ◎ Compact design: 36mmx29mmx19mm
- ◎ Light weight design:30.5g(saddle fit)/35g (Seatpost mount)
- ◎ IPx5 Water proof
- ◎ Auto/Manual mode switch*

Note: *Manual mode need to switch on/off the light manually.



CubeLite II Smart tail light

CubeliteII integrated with a six-axis men's sensor (Accelerometer and Gyroscope) which allow the light to detect if the bike is slowing down. The additional Gyroscope allow better response on bike angle change and therefore ensure more accurate braking detection. The upgraded 32-bit ARM processor ensure quicker response to braking.

The CubeliteII is able detect the ambient light intensity and automatically switching between the day running light and night light mode.

The CubeliteII also inherit the base feature from Xlite100 - Auto-stop: Auto switch off if no motion is detected for 10s.



XlitET/XlitET+ Smart tail light

The XlitET/XlitET+ was designed for daily commute and long-distance bike trip where requires longer battery life and higher visibility. XlitET/ET+ integrated Accelerometer which allow the light to detect if the bike is slowing down. The upgraded 32-bit ARM processor ensure quicker response to braking.

The XlitET/ET+ is able detect the ambient light intensity and automatically change the brightness to ensure good visibility in day and night. The XlitET/ XlitET+ also inherit the base feature from Xlite100 - Auto-start/stop: Auto switch off if no motion is detected for 10s.

The XlitET+ is a remote control turning light.



Key feature

- ⦿ Ingratiated brake sensing techniques
- ⦿ COB LED
- ⦿ 6061 Aluminium alloy chassis
- ⦿ Automatically start/stop.
- ⦿ Automatically switch between Day running mode/night mode light.
- ⦿ Seat rail/Seatpost mouning
- ⦿ Three flash modes
- ⦿ 30+hrs run time
- ⦿ 400mAh Li-ion re-chargeable battery
- ⦿ USB charging(Micro USB)
- ⦿ Low battery, Operation mode and charge stage indicate.
- ⦿ Compact design: 36mmx29mmx19mm
- ⦿ Light weight design:30.5g(saddle fit)/35g (Seatpost mount)
- ⦿ IPx5 Water proof
- ⦿ Auto/Manual mode switch*

Note: *Manual mode need to switch on/off the light manually.

Key feature

- ⦿ Turning light(XlitET+ only)
- ⦿ Ingratiated brake sensing techniques
- ⦿ Deliver up to 50lm of light
- ⦿ 6061 Aluminium alloy chassis
- ⦿ Automatically start/stop.
- ⦿ Automatically switch between Day running mode/night mode light.
- ⦿ Seat rail/Seatpost mouning
- ⦿ Six flash modes
- ⦿ 5~46hrs run time
- ⦿ 500mAh Li-ion re-chargeable battery
- ⦿ USB charging (Type C)
- ⦿ Low battery indicate.
- ⦿ Compact and Light weight design: 30.5g(saddle fit)/35g (Seatpost mount)
- ⦿ IPx5 Water proof
- ⦿ Auto/Manual mode led indicator

Note: *Manual mode need to switch on/off the light manually.





IPX5
WATER PROOF

BICYCLE REAR LIGHT

XLite100SF/SR Smart lights for Skateboard

The XLite100SF(front light)/SR(Rear light) are designed to work under more severe environment. Thanks to the enhanced mechanical structure, the XLite100SF/SR is able to cope with exceed vibration passing from the truck.
XLite100SF is specify to use as front light. The integrated sensor monitoring if there is any motion and start/stop the light automatically.

XLite100SR integrated an accelerometer which allow the light to detect if the skateboard is slowing down. Then automatically change from flash mode to the “brake” mode to tell the others that you are slowing down.

Key feature

- ⊙ Ingratiated brake sensing techniques
- ⊙ COB LED
- ⊙ Full 6061 Aluminium alloy chassis
- ⊙ Automatically turn on/off depending on the light intensity and motion.
- ⊙ Automatically switch to sleep mode to save power.
- ⊙ Truck mounting
- ⊙ Three flash modes
- ⊙ 20hrs+ run time
- ⊙ 400mAh Li-ion re-chargeable battery
- ⊙ USB charging
- ⊙ Charge stage indicate
- ⊙ Compact and Light weight design
- ⊙ IPx6 Water proof
- ⊙ Auto/Manual mode switch*
- ⊙ 3 Optional parts available

Note: *Manual mode need to switch on/off the light manually.



The XLite100SF/SR also inherit the feature from original Xlite100: the light is able detect the ambient light intensity/motion and automatically tuning on/off . E.g. when getting into a dark environment the light will be turned on automatically during day time.

Accessories

选配件



a). GoPro adaptor for Navi350/500/600/800



b). Universal Cycle Computer Mount

- Support Garmin, Cateye & Bryton Cycle computer
- Integrate GoPro mount system.
- Support 25.4mm and 31.8 handle bar
- Full aluminium CNC
- 45G in weight



c). Cycle Computer Mount (stem mount)

- Support Garmin®, Cateye® & Bryton® Cycle computer
- GoPro mount system.
- Stem mount
- Full aluminium CNC
- 48.5G in weight



d). GoPro mount adaptor for helmet

Suitable to use with NaviXXX serial front light.



e). Xlite100 Mounting Bracket

Optional mounting bracket for spare bike.



f). Xlite100 Number Plate bracket

Easy to convert the tail light into a number plate bracket.



g). Xlite100 Seat Post Mounting Bracket

Easy to convert the tail light into a number plate bracket.



h). Navi series 18650 battery

Spare batteries for NaviNavi500 and Navi800 series product

Note: All products are covered by 1 year warrant.

