

Your Light
Future Proof

HT Lighting Limited

APPLICATION SCENARIO



HT Lighting LED Cycling front light /Tail Light (Smart)



Type-C USB Rechargeable.
 Big capacity 20000MAH battery.
 High beam / Low Beam separately controlled by two buttons.
 Double click any of the buttons, the 5 LEDs will be all power on.
 Battery have both input and output port, also functions as power bank, emergency charging for other mobile devices.
 Quick release bracket.

Product Name	Cycling Front Light	Cycling Tail Light
Waterproof	IP67	
Material	Aluminum Alloy+PC	
Battery Capacity	20000mAh, USB rechargeable	420mAh
Voltage	4.2V	3.7V
Brightness	5000LM	200LM
Packing Weight	750g	30g
Lighting Mode	5 Modes	6 Modes
Power Supply	26.5 Hours Long Battery Life	
Item	New Design High Brightness cycle front light rechargeable bicycle led bike light	
Size	71*35*25mm	30*39*39mm
Beam range	300m	



city night walks

forest trails



HT Lighting Limited Smart Bicycle Tail Light

Brake induction / Light sensitivity response / 6 lighting modes



Brake sensitivity is close to zero misjudgment. When brakes are detected, the tail lights are highlighted for 3 seconds.

Double-click the button to switch between manual and automatic mode. In automatic mode, the auto indicator will flash, and in manual mode, the indicator will be off.

When going downhill, the chip automatically corrects the angle according to the algorithm to ensure accurate braking induction.



Dimensions

a = 30mm (1.19")
b = 39mm (1.55")
c = 39mm (1.55")

Product Name	Smart Brake Taillights
Model Number	HTTL-Q5
Material	Aluminum Alloy+PC
Color	Black
Battery	420mAh
Charging	USB 1hrs 30 min
Mode	6 Light Modes
Waterproof	IPX6
Voltage	3.7V
Led	COB Clip
Packing Weight	30g
Size	30*39*39mm

Switching Between Manual And Automatic Modes

Double-click the button to switch between manual and automatic modes. In automatic mode, the AUTO indicator will flash, and in manual mode, the indicator will be off.



Manual mode: Manual remote switch light, with brake sensing function.
Automatic mode: Light sensing after riding, remote control stop, induction brake. In automatic mode, the taillight is automatic, and the brake sensing function is still available.

26.5 Hours Long Battery Life

More than charging, charging time is about 1 hour 40 minutes



Charging battery light flashes. Fully charged, the battery light is always on green.





6 modes



Brake induction



Light sensor
start and stop



Mobile start and stop



Mode switch



Bump sensing



Level 5 waterproof



Long battery life

Brake induction

Brake Sensitivity Is Close To Zero Misjudgment

When brakes are detected, the tail lights are highlighted for 3 seconds



Switching Between Manual And Automatic Modes

Double-click the button to switch between manual and automatic mode.

In automatic mode, the AUTO indicator will flash, and in manual mode, the indicator will be off.



Manual mode: Manual control switch lights, with brake sensing function.

Automatic mode: Light-sensing start-stop, mobile start-stop, induction brake. In manual mode, the taillights are dormant, and the brake sensing function is still available.

26.5 Hours Long Battery Life

Micro usb charging, charging time is about 1 hour 40 minutes



Charging: battery light flashes
Fully charged: the battery light
is always on green

IPX5 Waterproof Rating

Level 5 waterproof function, travel without fear of wind and rain



Super III

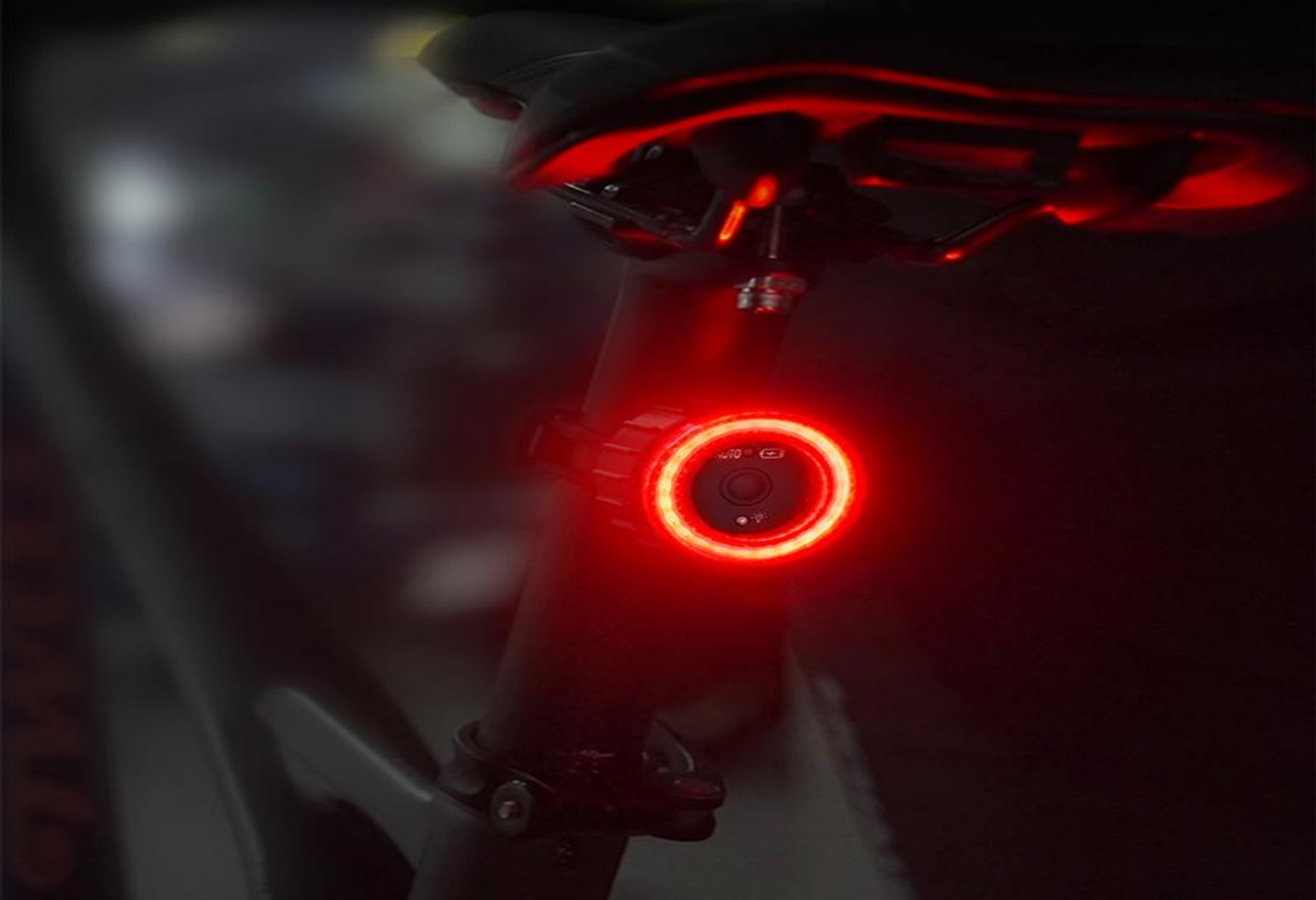
Smart Bicycle Tail Light

Brake induction / Light sensitivity response / 6 lighting modes



Mobile Start And Stop

When the light is dim, move the bicycle, the tail light will automatically turn on if the bicycle is not moved within 30 seconds, the tail light will automatically turn off.



Stop for 30 seconds
Automatically turn off the lights

Mobile automatic wake up
Turn on the lights automatically



Slope Adaptation

When going downhill, the chip automatically corrects the angle according to the algorithm to ensure accurate braking induction



Light Sensor Start And Stop

During riding, when the surrounding light is dim,
the taillights will automatically turn on.

Where the light is bright, the taillights will automatically turn off after 30 seconds.



Bright light
Automatically
extinguished

Dark light
Lights up automatically

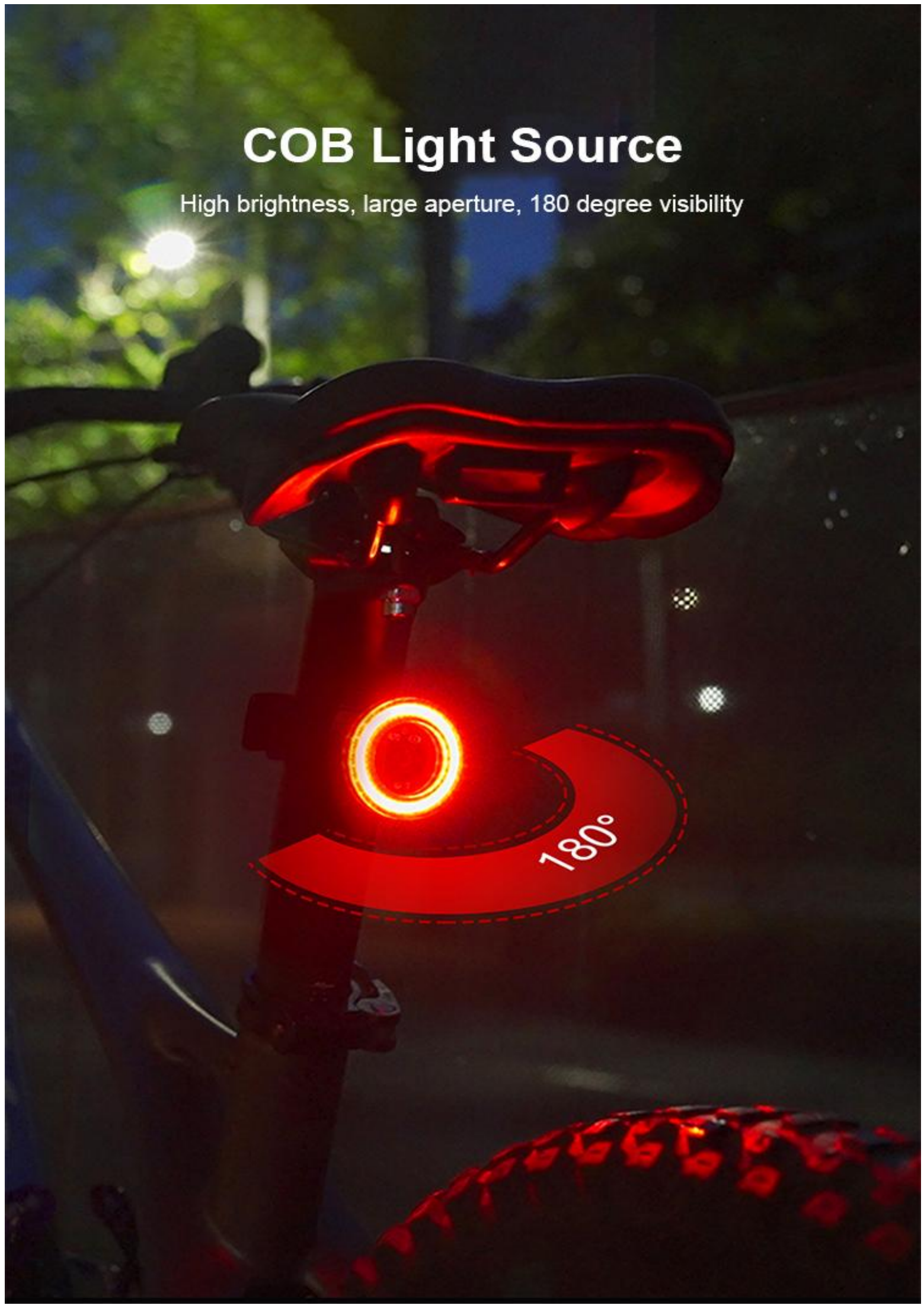
Filter Rocker With Small Bumps

The optimization program algorithm can filter small shaking movements and small bumpy road sections. However, the brake light warning will still be activated if the shock absorber and shock belt are too large. The brake light won't stay on when the bike shakes from side to side and passes through small bumps



COB Light Source

High brightness, large aperture, 180 degree visibility



6 Kinds Of Lighting Modes Can Be Adjusted Freely




Battery life in each mode:

Model	Time	Brightness
Always bright	5H	60LM
Breathing light	9H20MIN	50LM
Comet flash	10H20MIN	50LM
Slow flash	9H10MIN	50LM
Mixed flash	11H40MIN	50LM
Energy saving flash	26H30MIN	30LM


Battery Reminder Function

The battery light and the AUTO light are the same light

Auto mode status

 The green light flashes when the battery is above 70%

 The blue light flashes when the battery is 70%-20%

 The red light flashes when the battery is less than 20%



Various Installation Methods



Seatpost installation



Cushion installation

Product Parameters



- Tail light X1
- Strap X2
- Manual X1
- Data cable X1
- Base bracket X1
- Anti-slip rubber pad X2



• Basic parameters

Product name
Smart bicycle tail light

Model
Super III

Battery voltage
3.7V

Material
Aluminum alloy, plastic

Battery capacity
420mAh

Charging time
1 hour 40 minutes

Installation steps for the sitting bow model



1. Press the screw onto the accessory.



2. Tighten the screws.



3. Thread the tie strap through the seat bow and tie it together to secure the bracket.



4. Tie the tie tightly.



5. Clip the light into the bracket.

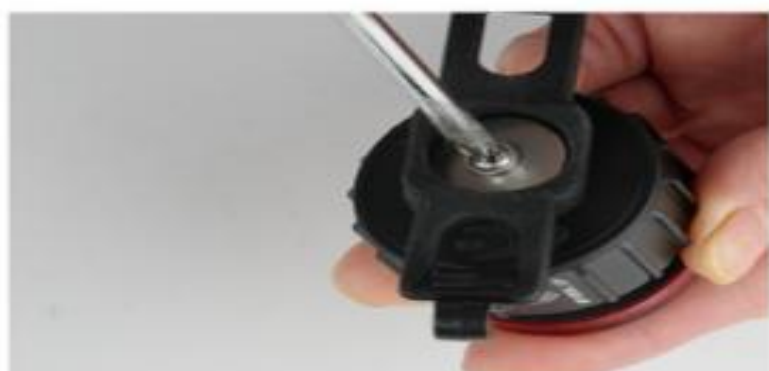


6. Installation completed.

Installation steps for the sitting pole model



1. Press the screw onto the accessory.



2. Tighten the screws.



3. Fix the tie on the seat pole.



4. Installation completed.



HT Lighting LED Cycling front light (Smart)

The ultra-high brightness corresponds to a new technological breakthrough in the industry for harsh use environments, integrating intelligent temperature control, IP64, fish-wing heat dissipation and other structures. 13 lighting modes, suitable for different road conditions. 7.4V20000mAh ultra-large capacity battery power pack ensures battery life.



Dimensions

- a =71mm (1.76")
- b = 35mm (1.39")
- c = 25mm (0.95")

Product Number	High Brightness cycle front led light
Model Number	HTFJ-M5
LED	XHP50*3 + XPL*2 LEDs
Waterproof	IP64
Material	Aluminium Alloy
Battery Capacity	20000mAh, USB rechargeable
Voltage	4.2V
Brightness	5000LM
Packing Weight	750g
Power Supply	Battery
Size	71*35*25mm
Working life	80,000 Hours
Beam range	300m



5000LM, 300M range



300M range



Quick release



Waterproof IP X4



External battery



5000LM



USB
rechargeable



Warm White
Cool White



High Beam
Low Beam





Functions

Car level High/Low beam design

High/Low beam button seperate control,
fast change



20000mAh!





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LED LIGHTING

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