LUMIXELL

Proton
Rechargeable Bike Light Set
with charging case

TAIPEI CYCLE
d&i awards 2024
by **iF**

GOLD

300 LUMEN

75 LUMEN

ECO 20 HOUR

FLASH 20 HOUR

Jury Statement

The Proton bike lighting is a very thought-through solution, with a very easy and user-friendly charging solution in the combination of storage and minimal maintenance. Nice to avoid double wires. The size of the lights fits perfectly in your bag or in your pocket, easy for transportation and storage. It gives a fine level of light to be seen and to see the road. The mounting is easy on the bike with a simple rubber strip, and the attachment of the lights is very easy with the strong magnet. The understated design is nice and elegant with good details and fits perfectly on most bicycles.

BA673Red+BA674White Proton
Compact Bike Light Set with charging case

Introducing the Lumixell Proton - A powerful and versatile bike light set that charges on the go and fits in your pocket! Much like how AirPod cases charge AirPods, the Lumixell Proton has a compact case that charges each light on the go. The best part? Both lights and charger are the size of a bluetooth earbuds case. Each set comes with both front and taillight, alongside multiple mounting accessories for different mounting options. You can attach each proton by using our magnetic coupling mounting strap, which securely snaps and locks each light onto your bike. All your needs in one small pocketable case, ensuring a safe journey down any road.

+ **Unique Magnetic Self-locking Coupling Strap** compatible with
   front handlebar / back seat post / saddle bag / saddle mount / bike helmet.
+ **Ultra Slim Spot and Wide Vision Optical Ddesign** for wide visibility range
+ **3 LED with different light modes** (including Daytime Running Light)
   cater to your visibility needs both day and night.
+ **Charge by either charging case or via Type-C cable.**
+ **Water Resist IPX4**

Charging CASE

Pocket SIZE

Blitz

Compact LED
Bike Light

BA708Red+BA709White **Blitz** PRO
Type C Rechargeable Compact Bike Light

+ **Superior Fish-Eye Optical Design** 320-degree visibility
+ **Versatile Clip Mount Design**
  compatible with handlebar / seat post / saddle bag / bike helmet
+ **3 LED** together with **3D Brake Sensor** (BA708)
+ **Different light modes (including Daytime running light)**
  cater to your visibility needs both day and night.
+ **Double battery capacity (500mAh)** provides extra-long time of usage
+ **Type-C rechargeable**
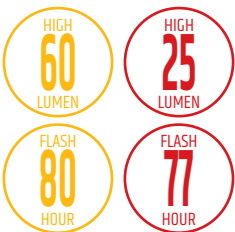
ABS
AUTO BRAKE
SENSOR
MODE

NEW
2024

BA669Red + BA670White **Blitz**
Type C Rechargeable Compact Bike Light

+ **Superior Fish-Eye Optical Design** 320-degree visibility
+ **Versatile Clip Mount Design**
  compatible with handlebar / seat post / saddle bag / bike helmet
+ **Different light modes (including Daytime Running Light)**
  cater to your visibility needs both day and night.
+ **Type-C rechargeable**

HIGH
60
LUMEN

HIGH
25
LUMEN

FLASH
80
HOUR

FLASH
77
HOUR

NEW
2024

320°
WIDE VISIBILITY

The Power of Magnet
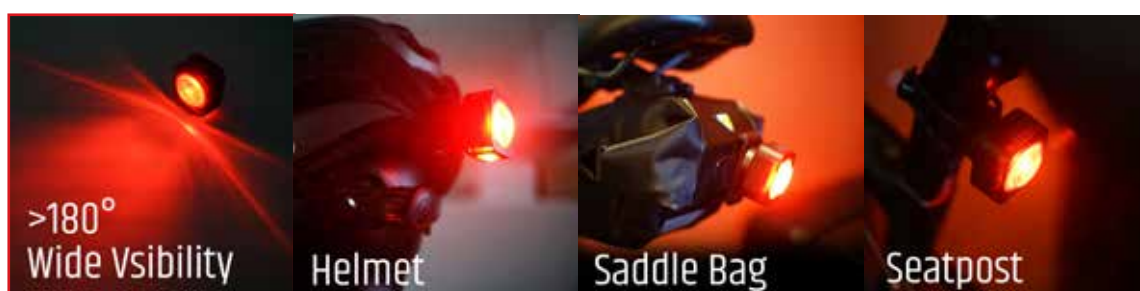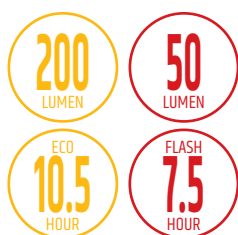Magnetic Self-locking Coupling Bike Light

BA500+BA501 Atom
Unique Magnetic Self-locking Coupling

+ **Unique Magnetic Self-Locking Coupling**
  Bike light can be a fast couple and secured by a unique self-locking magnetic coupling design- free from being stolen and secure to ride along bumpy roads.
+ **Special Wide Vision + Spot Optical Design**
  Provide more than 180° of visibility + Spot beam to be seem far away
+ **Auto Brake Sensor** (BA500)
+ **Daytime Running Visible Flash**
+ **Type-C Rechargeable** 400 mAh
+ **Safety Zone Ground Beam Design**
  360° beam to the ground to define a good safety zone to be seen in all directions.
+ **Water Resist IPX4**

ABS
AUTO BRAKE
SENSOR
MODE

200 LUMEN
50 LUMEN
ECO 10.5 HOUR
FLASH 7.5 HOUR

>180° Wide Vsibility
Helmet
Saddle Bag
Seatpost

MAKT
Hi-Power Anti-Glare
Cut Off Beam

NEW
2024

BA706 MAKT 800

HIGH
800
LUMEN

FLASH
40
HOUR

BA681 MAKT 500

HIGH
500
LUMEN

FLASH
50
HOUR

BA682 MAKT 300

HIGH
300
LUMEN

FLASH
100
HOUR

BA684 MAKT 200

HIGH
200
LUMEN

FLASH
100
HOUR

TRUE LUMENS

The specified lumen values are measured 30 seconds after switching the lamp on. We measure lumen according to the **ANSI / NEMA FL1 Standard.**

Hi-Power Anti-Glare Cut Off Beam

Normal Spot Beam

ANTI GLARE OPTICAL DESIGN

DAYTIME RUNNING VISIBLE FLASH

LOW BATTERY INDICATOR

IPX5 WATER RESIST

WIDE VISIBILITY

MODE MEMORY

TYPE
C
Recharge

RZ
Hi-Power Anti-Glare
Cut Off Beam

BA609 DB2500

HIGH
2500
LUMEN

ECO
90
HOUR

BA608 RZ1500

HIGH
1500
LUMEN

ECO
50
HOUR

BA607 RZ1000

HIGH
1000
LUMEN

ECO
32
HOUR

* Non Replaceable Battery

BA507 RZ800

HIGH
800
LUMEN

ECO
40
HOUR

BA606 RZ500

HIGH
500
LUMEN

ECO
16
HOUR

* No Power Bank feature for this model
* Non Replaceable Battery

Hi-Power Anti-Glare Cut Off Beam

Normal Spot Beam

Power Bank
Feature

Replaceable
Rechargeable
Battery

BEACON

Compact LED
Bike Light

BA448
Beacon DUO

HIGH **27** LUMEN	HIGH **3.5** LUMEN
FLASH **7.0** HOUR	FLASH **12** HOUR

BA564White**+BA565**Red
Beacon Extend

NEW 2024

HIGH **150** LUMEN	HIGH **20** LUMEN
ECO **17** HOUR	ECO **29** HOUR

BA449White **+BA450**Red
Beacon XL

HIGH **110** LUMEN	HIGH **6.0** LUMEN
FLASH **15** HOUR	FLASH **32** HOUR

BA458White**+ BA458**Red
Beacon Compact

HIGH **45** LUMEN	HIGH **4.0** LUMEN
FLASH **4.0** HOUR	FLASH **9.5** HOUR

Urban

Battery Operated
Bike Light

BA440 Urban 60

HIGH	FLASH	TWO
60 Lumen	**60** Hour	**AA** Battery

BA291 Lumi Blade

HIGH	FLASH	TWO
2.5 Lumen	**50** Hour	**AAA** Battery

BA280 Urban 100

HIGH	FLASH	THREE
100 Lumen	**25** Hour	**AAA** Battery

BA290 Lumi Blade

HIGH	FLASH	THREE
50 Lumen	**46** Hour	**AAA** Battery

USB Rechargeable Bike Light

BA371 **Lumi Blade** 100 COB ABS

HIGH **100** Lumen	FLASH **30** Hour

RUN TIME (Approx. Hour)

High	03:15
Mid	05:30
Low	08:15
Day Flash	07:00
Pulse	12:30
Flash	30:00

BA350 **Lumi Blade** 100 COB Front

HIGH **100** Lumen	FLASH **40** Hour

RUN TIME (Approx. Hour)

High	03:00
Mid	05:45
Low	10:00
Day Flash	13:00
Pulse	19:00
Flash	40:00

BA381 **Lumi Blade** 50 COB

HIGH **50** Lumen	FLASH **20** Hour	**ABS** AUTO BRAKE SENSOR MODE

RUN TIME (Approx. Hour)

High	00:55
Mid	01:45
Low	03:30
Day Flash	04:00
Pulse	03:30
Flash	20:00

BA359 **Lumi Blade** TWINEYE

HIGH **100** Lumen	FLASH **20** Hour	**ABS** AUTO BRAKE SENSOR MODE

RUN TIME (Approx. Hour)

High	02:30
Mid	03:45
Low	05:30
Day Flash	06:00
Pulse	10:00
Flash	20:00
Low Battery ECO Mode	00:45

BA411 **Lumi Blade** FIN

HIGH **4.0** Lumen	FLASH **12** Hour

RUN TIME (Approx. Hour)

High	04:00
Flash	12:00

AY278 **Helmet Mount** Tail Light

BikeAccessory

AY373 Phone Mount

AY286 Twist n' Go Mount

AY584 Bike Light Mount

AY379 Bike Light Mount Strap

NEW 2024

AY620 Bike Light Undermount

AY262 Helmet Head Light Mount

NEW 2024

Signal
LED Light
Direction Indicator

BA176 Signal
Signal light + Reflector

ABS
AUTO BRAKE
SENSOR
MODE
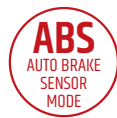
+ 3D Motion Sensor Auto Brake Sensor
+ LED light indicates Left / Right / Forward / Pause / Brake
+ Mount on Back seat post / Rear Bike rack
+ 2 x AA battery for signal light
+ CR2025 battery x 2 for remote controller

BA196 Director
USB Rechargeable LED Panel

ABS
AUTO BRAKE
SENSOR
MODE

+ Wireless Remote Controller (Handlebar mounted)
+ Rigid Reflective Elastic Straps + Clips
+ LED on remote controller syncs with LED on display panel at the back
+ ABS Auto Brake Sensor
+ Lightweight 140 grams only
+ USB Rechargeable (5 hours continuous usage)
+ CR2025 Battery x 2 (for remote controller)
+ IPX4 Weather Resistant

Reely
Type C Rechargeable
Retractable Headlamp

BA657 **Reely**400
Retractable Headlamp with Charging Case

+ **Ultra-slim rechargeable headlamp** with interchangeable retractable head strap module
+ **Pocket-sized charging case** ensures the headlamp is always charged and ready for use
+ **Headlamp can also be charged using a Type-C cable**
+ **Powerful 400 Lumen**
+ **52g only** compact design
+ **Battery** Built-in 700 mAh
+ **Water Resist IPX4**

LUMIXELL

NEW 2024

71 mm   28 mm

37 mm

LUMIXELL
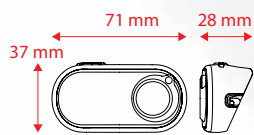
ANSI FL-1 STANDARD			
OUTPUT	DISTANCE	BURNTIME	
6 lm	8 m	40:00	LOW
200 lm	20 m	2:40	MID
400 lm	50 m	1:50	MAX

Kula
Rechargeable Headlamp

BA569 Kula 120
Emergency AA (LR6) / AAA (LR03)
Battery Operated Headlamp

(Patent Pending)

+ **Either AA (LR6) or AAA (LR03) battery is compatible to this headlamp**
+ **120 lumen in a compact size**
+ **180° Rotatable Angle** to adjust lighting angle
+ **5 Lighting Modes** ECO > Low > Mid > High > Red
+ **2 Lighting Colors** White / Red
+ **Battery: AA /AAA**
+ **Water Resist IPX4**

33 mm   72 mm
33 mm
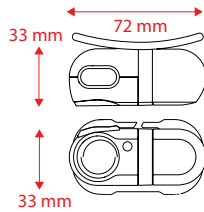
ANSI FL-1 STANDARD			
	OUTPUT	DISTANCE	BURNTIME
ECO	3 lm	6 m	60:00
MID	60 lm	32 m	6:00
MAX	120 lm	45 m	4:00

BA623 Komet 350 Slim
Type-C Rechargeable Headlamp

+ **Powerful 350 lumen in a compact size**
+ **6 Lighting Modes** ECO > Low > Mid > High > Flash > Red
+ **2 Lighting Colors** White / Red
+ **Battery: 570 mAh**
+ **Lock Mode +   Mode Memory**
+ **Charging Status Indicator**
+ **Quick Battery Check Indicator**
+ **Water Resist IPX5**

56 mm
15 mm
35 mm

70°
Rotatable Angle
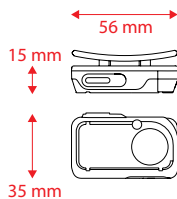
Type-C Recharge

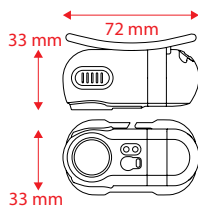| ANSI FL-1 STANDARD			
	OUTPUT	DISTANCE	BURNTIME
LOW	5 lm	6 m	40:00
MID	175 lm	17 m	3:00
MAX	350 lm	35 m	2:15
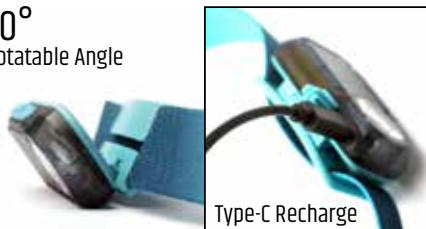
BA613 Kula 600
Type-C Rechargeable Headlamp

NEW 2024

+ **Powerful 600 lumen in a compact size**
+ **180° Rotatable Angle** to adjust lighting angle
+ **Boost mode** to get instant max. brightness for 30 seconds
+ **7 Lighting Modes** Low > Warm White > Red > Eco > Mid > High > Boost
+ **3 Flashing Patterns** Steady > Flash > S.O.S. Flash
+ **3 Lighting Colors** White / Red / Warm White for proximity
+ **Battery: 18500 (1500mAh)**
+ **Quick Battery Check Indicator**
+ **Charging Status Indicator**
+ **Mode Memory**
+ **Water Resist IPX5**

33 mm · 72 mm · 33 mm

ANSI FL-1 STANDARD		
☀ OUTPUT	◼ DISTANCE	🕐 BURNTIME
ECO 6 lm	6 m	80:00
MID 275 lm	27 m	6:00
MAX 600 lm	60 m	3:30

BA611 Kula 400
Type-C Rechargeable Headlamp

NEW 2024

+ **Powerful 400 lumen in a compact size**
+ **180° Rotatable Angle** to adjust lighting angle
+ **Boost mode** to get instant max. brightness for 30 seconds
+ **7 Lighting Modes** Low > Warm White > Red > Eco > Mid > High > Boost
+ **3 Flashing Patterns** Steady > Flash > S.O.S. Flash
+ **3 Lighting Colors** White / Red / Warm White for proximity
+ **Battery: 18350 (900mAh)**
+ **Quick Battery Check Indicator**
+ **Charging Status Indicator**
+ **Mode Memory**
+ **Water Resist IPX5**

30 mm · 57 mm · 30 mm
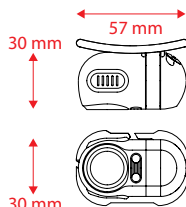
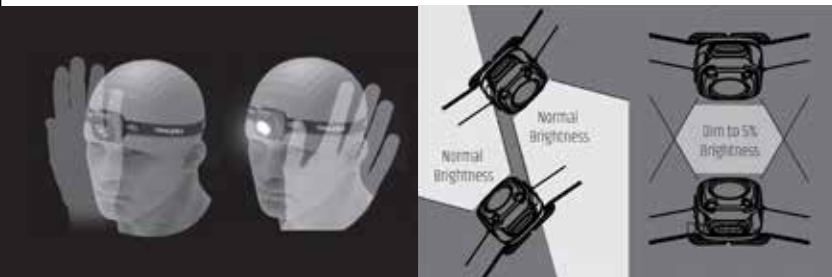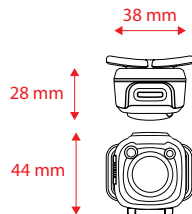| ANSI FL-1 STANDARD		
☀ OUTPUT	◼ DISTANCE	🕐 BURNTIME
LOW 6 lm	6 m	55:00
MID 175 lm	17 m	7:00
MAX 400 lm	40 m	4:00

180° Rotatable Angle

Boost Mode
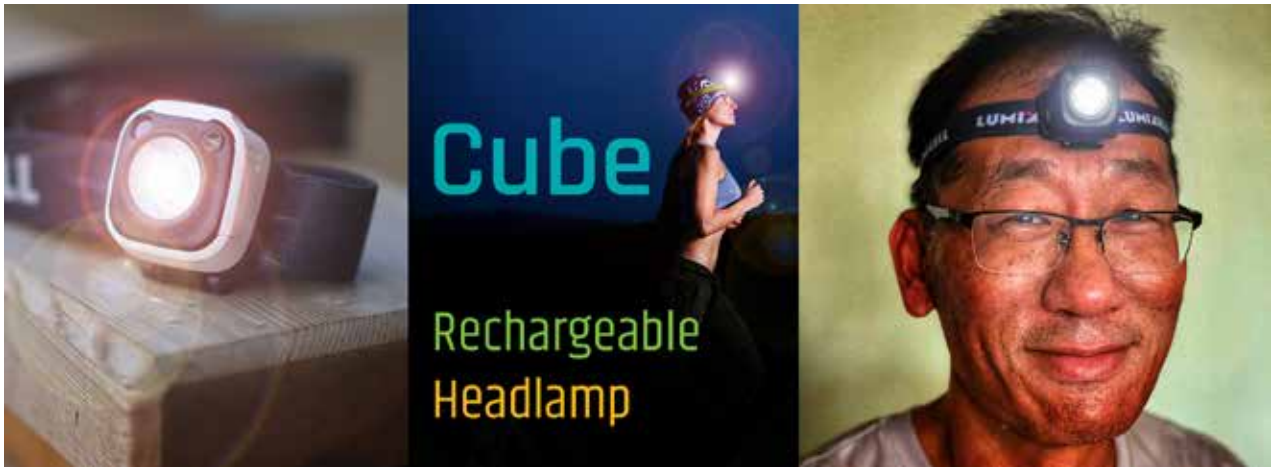
BA377 Cube
USB Rechargeable Headlamp Smart Sensor

+ **Zero Dazzle** the sensor will dim your head torch when facing each other and deactivate back to full power when you turn away.
+ **Hand Free Sensor**
+ **Powerful 200 Lumen**
+ **52g only compact design**
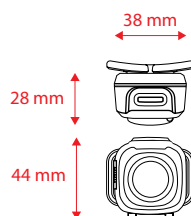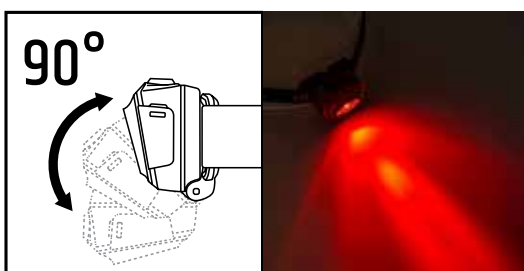+ **Battery** Built-in 700 mAh
+ **Water Resist IPX4**

38 mm
28 mm
44 mm

	ANSI FL-1 STANDARD		
	OUTPUT	DISTANCE	BURNTIME
ECO	6 lm	8 m	80:00
MID	100 lm	12 m	2:45
MAX	200 lm	20 m	1:30

BA688 Cube
Type-C Rechargeable Headlamp Red Light

+ **Powerful 200 Lumen**
+ **52g only compact design**
+ **Battery** Built-in 700 mAh
+ **Low > Mid > High > Red Modes**
+ **Water Resist IPX4**

NEW 2024

90°

38 mm
28 mm
44 mm

	ANSI FL-1 STANDARD		
	OUTPUT	DISTANCE	BURNTIME
ECO	6 lm	8 m	30:00
MID	100 lm	40 m	4:00
MAX	200 lm	50 m	3:30

BA145 Foci
Battery Operated Headlamp Petit

+ Smart plug and detach system
+ Secure, light-weighted LED Headlamp
+ Easily clip on objects or fit on head
+ 2 modes blinking / steady
+ Battery CR2032 x 2
+ IPX4 Water Resistance

21 mm 40 mm
30 mm
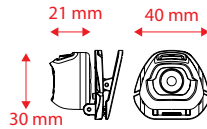
ANSI FL-1 STANDARD			
	OUTPUT	DISTANCE	BURNTIME
Steady	20 lm	20 m	15:00
Flash	20 lm (Peak)	-	140:00

BA637 Zaku
Battery Operated Headlamp

+ **Wide, Uniform Beam** for comfortable close-range vision
+ **Simple To Use** Single Button quick and easy to select mode
+ **Light Weight**
+ Battery AAA X 3

NEW
2024

40 mm 60 mm
40 mm
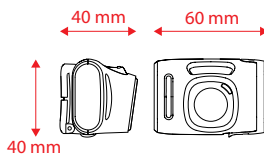
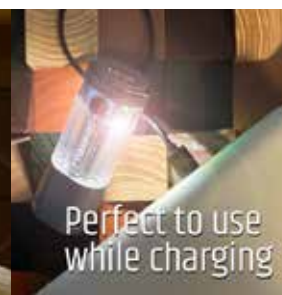| ANSI FL-1 STANDARD			
	OUTPUT	DISTANCE	BURNTIME
ECO	6 lm	8 m	40:00
MID	175 lm	17 m	4:00
MAX	350 lm	35 m	2:15

Kanon
Lantern
Flashlight

BA532 Kanon 450
Type-C Rechargeable Lantern + Flashlight
BA533 Kanon 450
Type-C Rechargeable Lantern + Flashlight
(Battery Replaceable)

+ Multi-functional Lantern + Flashlight
+ Powerful 450 lumen in a compact size
+ Replaceable Battery Tool-Free Coin Opening Battery
+ Magnetic Base
+ Tripod compatible screw nut inserts
+ 4 different lighting effects
+ Power Bank Feature
+ Perfect to use while charging
+ Built-in collapsible legs
+ BA533 Battery: 21700 (4000 mAh) x 1 (BA533)
+ Battery: 18650 (Built-in 3200 mAh) x 1 (BA532)
+ Type-C Charging
+ One Touch Quick Remaining Battery Capacity Check
+ Charging Staus Indicator
+ Ultra Long Burn Time
+ Water Resist IPX4

118mm 36mm 42mm

Magnetic Base
to secure on vertical
metallic platform

Replaceable
Battery

Emergency
Power Bank
charge your
phone

Perfect to use
while charging

USB-C Recharge

BA603G **Stinger** 400
Type-C Rechargeable Keychain Flashlight

+ Multi-functional compact keychain + flashlight
+ Powerful 400 lumen
+ **Magnetic Base**
+ **4 different Lighting Sources:**

  Warm White Ambient (Steady low) > Warm White Ambient (Steady mid) > Warm White Ambient (Steady high) > Red (Steady) > Red (Flash) > Red SOS(Flash) > UV (Steady)
+ **4 Different Lighting Modes** ECO > Low > Mid > High
+ **Turbo Mode**
+ **Battery: 190mAh**
+ **Type-C Rechargeable**
+ **Charging Status Indicator**
+ **Ultra Long Burn Time** 71 hours Flash mode
+ **Metal Pen Clip** (included)
+ **Water Resist IPX4**

Capvision
Head Cap
Light

NEW 2024

BA604 **Capvision** 600
Type-C Rechargeable Head Cap Light

+ Multi-functional compact flashlight
+ Powerful 600 lumen
+ Specially designed to clip on cap
+ **Magnetic Hinge** to stick on metal platform
+ **4 Lighting Sources** Spot White > UV > Red > Warm White
+ **Quick Battery Check**
+ **Type-C Rechargeable**
+ **Mode Memory**
+ **Water Resist IPX4**

Magnetic Hinge
Stick on metal platform

Pocket
Front Light

Warm White
Ambient Light

SpikeLit

BA417 Multi-purpose Clip Light

MagnetStrobe

BA311 USB Rechargeable Safety Running Light

TYPE C Recharge

DUO

BA713 Duo Colour Safety Clip Light

NEW 2024

SpiderLit

LED Reflective Vest
Super Bright Ultra Light

HB434 / HB585 SpiderLit
USB Rechargeable Reflective Vest

+ **7 colors to choose** Red > Green > Blue > Amber > Cyan > Purple > White
+ **Ultra Bright and long battery life** Super bright LED and 360° visibility
+ **Ultra Lite weight**
+ **Premium Quality Optical Fiber**
+ **Easy to Wear**
+ **One Size Fit All** Adjustable Strap to fit big and small size
+ **Ultra Lite Weight**
+ **Simple Operation** Single button to operation
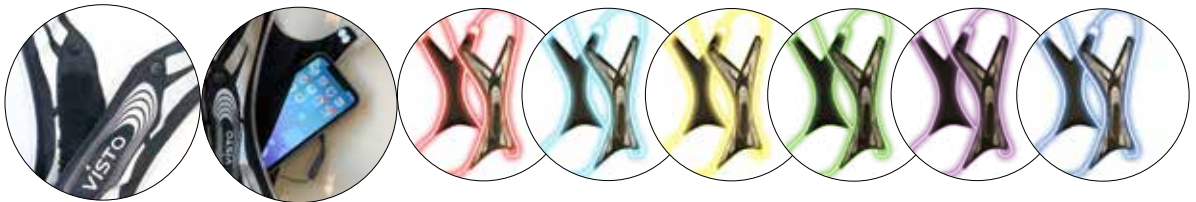
BA539 SpiderGlowFL
Multi-colored Reflective Vest with 200 lumen Front Light

+ **7 colors to choose** Red > Green > Blue > Amber > Cyan > Purple > White
+ **Ultra Bright and long battery life** Super bright LED and 360° visibility
+ **Ultra Lite weight**
+ **Premium Quality Optical Fiber**
+ **Easy to Wear**
+ **One Size Fit All** Adjustable Strap to fit big and small size
+ **Ultra Lite Weight**
+ **Simple Operation** Single button to operation

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