

27

2023 BIKE LIGHTS

Technologies



Reflex automatically adjusts the light to provide boosted output when riding hard and fast then intuitively dimming for the slower sections such as climbs. This is all to optimise battery capacity, to provide extra light when needed and save it when not required.

Reflex achieves this by using data from 3D digital accelerometers including gyroscope and thermistors. It continually analyses the data to make seamless adjustments to benefit the rider, probably better than the rider can. It is a form of artificial intelligence. The selected run time will be achieved by averaging the output over the period.



Quickly switch between modes on helmet lights by tapping either the body of the light or the helmet without needing to locate the function button for fast control to match the pace of the trail. Three sensitivities allow greater versatility.



SYNC allows you to control the light with a remote switch and to make custom programs in the Exposure SYNC App, additionally both helmet and handlebar lights can be simultaneously controlled with a single remote via Bluetooth connectivity. App is available in both iOS and Android platforms.

The latest development in light technology for road cycling, taking tech from the automobile industry, AKTiv will automatically dip your Strada's beam when it detects an oncoming car's headlights, to avoid dazzling them so they can still safely see where the cyclist is on the road. Allowing you to keep focus on your effort on the road ahead.



AKTIV

Rear lighting that flares up automatically under braking. It can also intelligently adapt to the surrounding ambient light conditions to maintain maximum contrast and visibility, for example brightening for street lit areas and moving into sunlight from shade.



This mode enables rear lights to automatically dim down when the front light of the rider behind is detected, preventing dazzling in the chain gang, it then flares up at the back of the pack for maximum safety.



Bespoke pulse pattern designed for daylight use which is more conspicuous than a regular pulse and visible from over a kilometre away, even in the brightest conditions. DayBright mode will get you noticed. Be Seen Be Safe.



Patented circuitry within the light will reduce power to the LEDs, if they go beyond the optimum temperature, keeping the light as efficient as possible to maximise output and battery capacity. Once cooled the output is automatically restored.



An LED display panel that gives clear information on which mode the light is in, runtime remaining in hours and minutes, percentage charged and feedback information during OMS. Patent Protected.



Using a traffic light system remaining runtime is easily monitored at a glance so you're not caught out. The colour feedback is also used for mode selection, before defaulting back to runtime.



Various programs in the lights can easily be selected to offer a choice of run times and modes so you can find the right one for your ride, be it an all-night adventure or an intense blast.



Battery is housed within the body of the light so there are no cables or separate battery units giving a neat solution with less opportunities for water ingress, mounting difficulties and crash damage. Combined with the renowned quick release handlebar bracket lights are easy and quick to mount with rock solid attachment.



Smart Port+ enables the charge port to accept auxiliary accessories such as rear lights, remote switches, Support Cells and use your light as a power bank to charge USB devices.



Improved chargers have decreased charge time significantly from previous models of lights.





Sixpack SYNC Mk4

SKU EXPSIXPSYNC4-USA SRP **\$675**



Output		
Reflex 5250 lumens	Weight	Runtime
3750 lumens	386g	2-36 Hours

The Sixpack SYNC now with a wider beam pattern combined with the same penetrating throw and an enhanced 5250 of measure lumens obliterates the dark to define the terrain in its path. With SYNC the Sixpack can be programmed to the riders' personal requirements by connecting the light to the new updated APP to ensure that it meets every desired requirement at the touch on the wireless remote control. REFLEX++ still selectable to have the right lumens of the right terrain automatically.





GRAVEL

Maxx-D SYNC Mk4

SKU EXPMAXXDSYNC4-USA SRP \$610



Output Reflex 4400 lumens 2700 lumens

REFLEX

ITM

(SYNC*)

losd.

Weight Runtime 310a 2-36 Hours

Maxx-D SYNC has a smoother App to allow the light to be, through a smart phone, programmed to tailor the light output or burn time to fit to the needs of the ride ahead, mode changeable via Bluetooth remote. 3 LEDs with spot Lens and 1 with spread combine to shine far down the track and highlight the trail edge at the same time. Backed with 4400 of measured Lumens through REFLEXX++ to automatically provide the right light when required.





(SYNC)

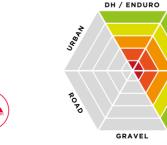
ITM

SKU EXPDIABLOSYNC3-USA SRP \$370



Output	Weight	Runtime
1900 lumens	120g	2-36 Hours

The Diablo SYNC gives you the widespread, high-powered beam of a Diablo with SYNC Bluetooth connectivity for wireless mode changing and customisable runtimes via a smart phone and an updated app to get exactly what you need out it to keep you riding on the edge. Also available with in a pack with an additional Support Cell for longer runtimes.



GRAVEL

Packs available:



SKU EXPSIXPSYNC4PK-USA

Sixpack SYNC MK4 & Diablo SYNC MK4

SRP \$950

SRP \$885



SKU EXPMAXXDSYNC4PK-USA



Maxx-D SYNC MK4 & Diablo SYNC MK4

SKU EXPDIABLOSYNC4PK-USA

Diablo SYNC MK4 & Support Cell 3.4A SRP **\$430** Sixpack MK12 GMB

SKU EXPSIXP12GMB-USA SRP **\$610**



Output		
Reflex 5250 lumens	Weight	Runtime
3750 lumens	386g	2-36 Hours

Now with an even wider beam pattern the Sixpack Mk12 reaches far and wide down the trail whilst also enveloping the wheel to give total perspective. Shredding at high speed or tackling the most technical rock garden, is made even easier with an increased 5250 lumen measured output. REFLEX++ Technology ensures the right lumen output no matter the terrain, speed or ride, combined with OMS to give runtime flexibility of 2 - 36 hours. Perfect for Enduro or Endurance.



Output Reflex 4400 lumens 2700 lumens

Махх-D мк14 GMB

Weight Runtime 310g

SKU EXPMAXXD14GMB-USA

SRP **\$540**

Ripping through the single track or trail the combination of 3 spot lens to launch light far down the track, a spread beam to highlight the trail edge and REFEX ++ to Automatically provide the perfect output for any change is speed or terrain the Maxx-D is backed up with 4400 measured Lumens to be at one with the trial.

Того мкіз дмв

SKU EXPTORO13GMB-USA SRP \$430



Output Reflex 3400 lumens 2100 lumens

Weight Runtime 236g 2-36 Hours

With 3400 Lumens punching from the 3 spread beam LEDs single track and Gravel trails have met their match. Light weight and the ability to adjust burn times between 2 and 36 hours makes the Toro the perfect travelling companion. REFEX ++ to Automatically provide the perfect output for any change is speed or terrain.















2-36 Hours

Race мк16 GMB

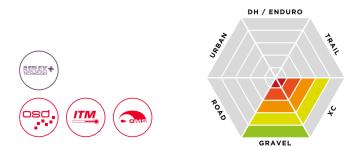
SKU EXPRACE16GMB-USA SRP **\$350**



Output

Reflex 2400 lumens	Weight	Runtime
1600 lumens	186g	2-36 Hours

The Race, a super lightweight light packing 2400 measured lumens the ideal solution for XC racing, with a no compromise on technology in this sleek unit. REFLEX++ Technology means this featherweight will automatically adjust output that allows the light to have crossover appeal for those who also have a rural commute or even a lightweight pack ride.



Zenith мк2 GMB

SKU EXPZENITH2GMB-USA SRP \$365

Diablo мкіз GMB

SKU EXPDIABLO13GMB-USA SRP \$300

Axis мк9 GMB

SKU EXPAXIS9GMB-USA SRP \$260







Output	Weight	Runtime
2100 lumens	150g	1-24 Hours

After years of rider demands the Zenith was created and now has been upgraded to kick out 2100 lumens, with a long reaching, wider beam, for an hour or combined with TAP technology, the rapid mode change technology, the rider can use the 2100 lumens when plummeting down a steep, fast descent or tackling a technical trail and then TAP to lower the lumens when on the flat or a climb to increase the run time.

Outp	ut	
1900	lumens	

WeightRuntime120g1-24 Hours

Triple LED's create a wide beam, combined with fast mode changing TAP technology, the Diablo's increased 1900 lumen output will enable the rider to rapidly adapt lumen outputs to the trails with a TAP to pin the trails . With a lightweight, CNC engineered aluminium body the Diablo gives you licence to raise hell on the trai!

Output	Weight	Runtime
1300 lumens	186g	2-36 Hours

When switchback apex's need nailing, and narrow lines require a searching beam, the Axis has a focused 1300 lumens beam for throwing light far down the trail. TAP technology offers ease of control without taking concentration away from the route ahead for swift mode change.













ITM

Joystick MK16 GMB

SKU EXPJOY16HMGMB-USA SRP \$325



Output	Weight	Runtime
1150 lumens	93g	1.5-36 Hours

Here from our beginning the Joystick remains the lightest, and most award-winning helmet light in the range; with a more focused beam, and now with 1150 lumens the Joystick enables you to spot the terrain changes in the distance and the tight corners at your wheel.





Flex Mk1

SKU EXPFUSE-USA SRP \$260







Output	Weight	Runtime
3300* lumens	104g	

3 LED e-bike light, the Flex is our e-mtb orientated light with a possible output of up to 3300 lumens in a lightweight and compact unit. Powered via the battery/motor system, this allows you to do away with the traditional onboard battery system. The Flex utilises our REFLEX ++ technology for smarter battery management and is fitted with a wired remote for easy mode changes. Fitment is from a new single sided bracket for more flexibility in mounting position including central mounting position on the bike.

Output	We
1000* lumens	85

Weight Runtime 85g --

Single LED e-bike light, an extremely light and compact unit makes it perfect for both fast road and commuting. Powered via the battery/ motor system allows you to do away with the traditional onboard battery system. We have fitted our wired remote that gives you the ability to switch the light on and off and easy mode changes. Fitment is from a new single sided reinforced nylon bracket, this allows for central mounting position on the bike.







*lumen output dependant on motor manufacturer

Output	Weight	Runtime
45* lumens	25g	

A Red Eye for the E-Bike, Powered directly from your E-Bike battery so you only need to charge your E-Bike up. Designed for day and night time running, excellent side visibility for urban or trail riding.

Light: Solid - runs from the motor Cable Length: 1.05 metres Includes moulded bracket for seat post New threaded end allowing for more versatile mounting options. Product Compatibility - check with motor manufacturer.





Yamaha

SKU EXPYAMCABLE-USA



Bosch SKU EXPBOSCHCABLE-USA



Brose

SKU EXPBROSECABLE-USA

E-Bike Connectors

SRP \$17.25 each







Output	Weight	Runtime
1600 lumens	230g	2-36 Hours

The SB, Super Bright, AKTiv is the latest technology in Exposure Lights Road range combined with the Road Specific Beam Pattern and an upgraded 1600 lumens is the best road light; once AKTiv is selected the light will sense oncoming light sources and auto dim when a vehicle is approaching, no button or thinking required. Also with the specific bevels to allow side illumination, and reversible graphics to remind you that the Strada can be mounted either way up. There is also a remote switch included which allows the rider to take control if required.





Strada Mk11 AKTIV RS GMB

SKU EXPSTRADA11SBGMB-USA SRP \$390



Output 1300 lumens

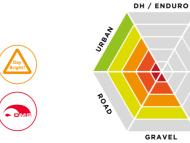
ITM

AKTIU

(osd)

Weight Runtime 183g 2-36 Hours

The RS. Road Sport. AKTiv is the latest technology in the Exposure Lights Road range combined with the Road Specific Beam Pattern and an upgraded 1300; once AKTiv is selected the light will sense on coming light sources and auto dim when a vehicle is approaching, no button or thinking required. Also with the specific bevels to allow side illumination, and reversible graphics to remind you that the Strada can be mounted either way up. There is also a remote switch included which allows the rider to take control if required.



Strada Mk11 SB GMB

SKU EXPSTRADA11SBGMB-USA SRP **\$425**



Output Weiaht Runtime 1600 lumens 230g 2-36 Hours

The SB, Super Bright, with the Road Specific Beam Pattern and with an increased 1600 lumens: with the specific bevels to allow side illumination. and reversible graphics to remind you that the Strada can be mounted either way up. The included remote switch allows the rider to dim when a oncoming vehicle to reduce dazzling and keeping the rider in total control without taking hands off of the bars.





Strada Mk11 RS GMB

SKU EXPSTRADA11RSGMB-USA SRP **\$365**



Output	Weight	Runtime
1300 lumens	183g	2-36 Hours

With 1300 lumens of light focused through the road specific lens to project a beam pattern combining spot and wide beams, tailored for tarmac. The Strada RS, Road Sport, is an essential part of the road cyclist's equipment. The Strada RS has improved side illumination and additional cooling fins to ensure LED's are at the optimal temperature for the best efficiency. Simple control or dim when vehicles are seen with the included remote switch.





Sirius Mk10 GMB

SKU EXPSIRIUS10DBGMB-USA SRP \$135

Boost Mk1 DB GMB

SKU EXPBOOSTDBGMB-USA

SRP **\$95**

SKU EXPTRACE2DBGMB-USA SRP \$67.50







Output	Weight	Runtime	(
900 lumens	84g	1.5-36 Hours	3

Sirius the ultimate "to be seen" front light, now with the output increased to 900 lumens to light the road ahead in the dark nights. The Sirius hits the sweet spot for power to weight, housed in a CNC machined aluminium body that features 240° front and side illumination giving the flexibility to be used for the daily commute or longer rides.

Output	
350 lumens	

ŴSB

WeightRuntime45g2-24 Hours

BOOST, with 325 measured Lumens this compact yet powerful "to be seen" light. Perfect for commutes where more output or burn times but still small, USB Charging but extremely portable. Featuring DayBright pulse pattern to cut through the distractions of busy roads. The BOOST makes sure you stay visible, both day and night, commuting or just out for a ride.

0	output
12	25 lumens

Trace Mk2 DB GMB

WeightRuntime35g3-24 Hours

With 125 lumens of to be seen light the Trace is the light of choice for the cyclist who needs a super compact unit with USB convenience and superb build quality. Featuring DayBright pulse pattern to cut through the distractions of busy roads, Optimised Mode Selector with 3 brightness levels, side illumination and Fuel Gauge making it clear when you need to recharge. The Trace ensures you stay visible, both day and night, in the urban jungle. Also available in a pack with the TraceR rear light.



ITM



DH / ENDURO

GRAVEL







Packs available:



SKU EXPSIRIUS10TRACERRAGMB-USA

Sirius Mk9 GMB & TraceR REAKT MK2





SKU EXPBOOSTPACKRAGMB-USA

Boost DB GMB & Boost R DB

SRP \$185



SKU EXPTRACEPACK2DBGMB-USA

Trace Mk2 DB GMB & TraceR DB

SRP **\$115**

Link+ Mk3 GMB

SKU EXPLINKPLUS3DBGMB-USA SRP \$125

SKU EXPLINK2DBGMB-USA SRP \$95

SKU EXPRE2-USA SRP \$47.50







WeightRuntime77g3-32 Hours

A front and rear combination helmet light that now has been upgraded output to 450 lumens front and 50 lumens rear has the options of being either front, rear, or both. The Link+ sits high above the traffic with 360-degree visibility and the power to be seen over a kilometer away. Prominent illumination whether commuting, training or just riding, day or night.

Output
200 lumens (White)
40 lumens (Red)

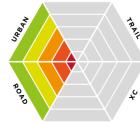
ψ́sb

ITM

WeightRuntime45g1.5-16 Hours

Lightweight and powerful, the Link is the perfect way to get noticed on busy city roads. Mounting the light up high on the helmet and combined with the DayBright Pulse Pattern means it is not hidden from view by traffic or other distractions and will cut through any environment. With 360-degree visibility from a single unit, it gives you the advantage of being noticed first.





DH / ENDURO

GRAVEL



GRAVEL

DH / ENDURO



Output	Weight	Runtime
20 lumens	53g	

Light weight, 20 lumen rear light that can be used in conjunction with any smart port enabled light in the Exposure Lights Range battery or the perfect partner to the REVO if dynamo set up required.

Light: Solid - runs from the front light Cable Length: 1.05 metres Includes moulded bracket for seat post New threaded end allowing for more versatile mounting options.



DH / ENDURO

Revo Mk4

SKU EXPREVO4-USA SRP \$330



Output	Weight	Runtime
800 lumens	110g	

The adventurer, endurance racers, bike packers, and commuters perfect companion the 4 LED 800 lumen REVO Dynamo light with up to onehour stand light. Stand light enables the light to stay illuminated within traffic or can be used as "free light" to set up bivi or camp. Achieves max lumen output after reaching 17mph and 1 hour stand light is achieved after just 15 minutes riding. Output port is designed for RedEye rear light for a battery free set up.







BoostR Reakt

SKU EXPBOOSTRRA-USA SRP **\$125**

Blaze REAKT MK3

REAKT

ITM

ELÓTON MODE

SKU EXPBLAZE3RA-USA SRP \$155

SKU EXPTRACER2RA-USA

SRP **\$90**







Output		
150 lumens	Weight	Runtime
80 lumens	45g	6-48 Hours

The BOOST R ReAKT, taking the hugely popular form of the Trace R and creating a rear light with twice the burn times with just a 10-gram increase in weight. New quarter turn locking bracket to ensure the BOOST R is safe and secure. ReAKT (Ambient Kinetic Technology) is the latest innovation automatically adapting the light to conditions, flaring up to 150 lumens under braking or entering brighter environments, with the addition of PELOTON mode allowing the BOOST to dim when the light from the rider behind is detected.

utput		
0 lumens	Weight	Runtime
lumens	77g	6-48 Hours

The Blaze ReAKT, uniquely shaped to help angle the lens directly backwards. ReAKT (Ambient Kinetic Technology) is the latest innovation automatically adapting the light to conditions, flaring up to 150 lumens under braking or entering brighter environments. Peloton mode allows the Blaze to dim when the light from the rider behind is detected, the Blaze can still be seen. The complete safety beacon for the open road packed with technology and power, it delivers on every level.







GRAVEL

DH / ENDURO

Output		
120 lumens	Weight	Runtime
75 lumens	35g	3-24 Hours

The TraceR ReAKT packs technology and performance into a super compact rear light. ReAKT (Ambient Kinetic Technology) is the latest innovation automatically adapting the light to conditions, flaring up to 120 lumens under braking or entering brighter environments, the addition of PELOTON mode, causing the TraceR to dim when the light from the rider behind is detected, the TraceR can still be seen. Featuring Optimised Mode Selector with 3 brightness levels, side illumination.





Ou 150 80



Rear lighting that flares up automatically under braking. It can also intelligently adapt to the surrounding ambient light conditions to maintain maximum contrast and visibility, for example brightening for street lit areas and moving into sunlight from shade.



This mode enables rear lights to automatically dim down when the front light of the rider behind is detected, preventing dazzling in the chain gang, it then flares up at the back of the pack for maximum safety.

BoostR

SKU EXPBOOSTRDB-USA SRP **\$95**

Blaze Mk2

SKU EXPBLAZE2DB-USA SRP \$130

TraceR DB

ITM

SKU EXPTRACERDB-USA SRP **\$67.50**







Output	
150 lumens	Weight
80 lumens	45g

Ŵsв

ІТМ

The BOOST R, taking the massively prevalent form of the Trace R and designing a rear light with twice the burn times with just a 10gram increase in weight. This rear end guardian comes with a highcapacity Lithium-Ion battery it produces both a powerful output and long burntimes. Featuring DayBright pulse pattern to cut through the distractions of busy roads. With long burn times the BOOST R is the perfect partner for your weekly commute or packing adventure, both day and night.

Output	Weigh
80 lumens	77g

The Blaze inspires confidence, with a high-capacity Lithium-Ion battery it produces both a powerful output and long burntimes. Featuring DayBright pulse pattern to cut through the distractions of busy roads, Optimised Mode Selector with 3 brightness levels, side illumination and Fuel Gauge making it clear when you need to recharge. With long burn times the Blaze is the perfect partner for your weekly commute or packing adventure, both day and night.

DH / ENDURO	
I I I I I I I I I I I I I I I I I I I	TRAIL
Roho	*c
GRAVEL	

Runtime

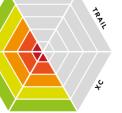
6-48 Hours

Output	Weight	Runtime
75 lumens	35g	3-24 Hours

The TraceR is the answer for the cyclist who needs a super compact rear light, with USB convenience and superb build guality. Featuring our DayBright pulse pattern to cut through the distractions of busy roads, Optimised Mode Selector with 3 brightness levels, side illumination and Fuel Gauge making it clear when you need to recharge. The TraceR ensures you stay visible, both day and night, in the urban jungle and on rural roads. Also available in a pack with the Trace Front light.







Runtime

6-48 Hours



DH / ENDURO

ITM



Bespoke pulse pattern designed for daylight use which is more conspicuous than a regular pulse and visible from over a kilometre away, even in the brightest conditions, DayBright mode will get you noticed. Be Seen Be Safe.



Contact us

www.exposurelights.com

info@use.group

+44 (0)1798 839300

Ultimate Sports Engineering Ltd Unit 4 Bury Mill Farm Bury West Sussex RH20 1NN

9

/exposure.lights

0.0

@exposure.lights @use_exposure EXPBROCHURE23USA