

The latest ideas. From the original.



busch+müller
visibly better on the road

MADE IN

GERMANY

For over 100 years

Visibly better on the road

Turning an idea into a product that inspires people: we've been doing just that time and again since 1925. Our technology accompanies cycling enthusiasts throughout their cycling lives - and ensures that you're visibly better on the road with every metre you ride. With a promise of quality that begins in Meinerzhagen and is delivered on the road.

Where do our good ideas come from?

Every day, we ask ourselves anew how we can make cycling safer and more comfortable. For everyday cyclists on weekend rides with their families. For commuters who cycle whatever the weather. For night owls who want to see clearly (and be seen) even in the dark. For competitive cyclists for whom performance matters, even when it comes to their lighting.

In short: for everyone who loves cycling just as much as we do.

Our highlights



All indicators
StVZO-
compliant

TURNTEC®

Directional indicator
systems for e-bikes
and bicycles

6-7



Briq XL Highbeam
now featuring
digital
cornering
lights

Briq®

bicycle lights in a class
of its own for e-bikes

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IXON®
Core Highbeam:
First re-chargeable
headlight
with genuine
high beam

Core

New re-chargeable
headlights with fan
potential

10-11



Smart helpers

an app, Bluetooth button
and sturdy mounts

12-13



Cycle Star® E

Maximum rear visibility.
Vibrationfree, stylish
and fold-away

14-15

Good lighting for everyone.

From the original.

We didn't invent electricity - but we did invent top-of-the-range LED headlights. We didn't invent the bicycle - but we did invent daytime running lights for safe cycling at all times. Nor did we invent the smartphone - but we did invent digital cornering lights for e-bikes.

OK, before you start thinking, 'They're really laying it on thick...' - we started small too. But a look at our history shows that for over 100 years we've been demonstrating a pioneering spirit - and in doing so, we've consistently been a key driving force of progress.

busch+müller writes the history of lighting



From the 'cat's eye'...

Following the closure of a small metal goods factory in Meinerzhagen in 1925, two young employees refused to be discouraged: the 25-year-old metalworker August Busch and the 16-year-old apprentice Willy Müller courageously set up their own company. Their first product for bicycles: 'cat's eyes' - simple reflectors for bicycles. When a Prussian law in 1929 made reflectors compulsory for bicycles, Willy Müller travelled by train to Berlin to obtain the certification mark.

A decisive step: shortly afterwards, mass production began and busch+müller became a pioneer in the ongoing technical development of lighting for two-wheelers. Since then, we have shaped the market with numerous innovations that are now part of the (safety) standard on two wheels. It's thanks to this that you'll always be more visible on the road.

Guido Müller and
Dr. Rainer Müller



Everything
about the first
e-bike headlight
with digital
cornering light
P. 9

... to digital cornering lights

What once began as a vision is now high-tech on two wheels. Take the Briq-XL E Highbeam, for example - the ultimate headlight for your e-bike. Our developers spent four years fine-tuning it, demonstrating ambition and perseverance to proudly create an exceptional product that now shines like a star over the Briq family - and turns night into day. With digital cornering lights, high beam and freely configurable lighting modes, this world-first innovation projects a maximum of a whopping 8,500 lumens onto the road with maximum uniformity and in compliance with the StVZO - once again making lighting history.



**More originals from over
100 years of company history:**
[https://bumm.de/en/
the-company/bumm-originals/](https://bumm.de/en/the-company/bumm-originals/)



100 % Made in Meinerzhagen

We develop, manufacture, test and assemble exclusively at our site in Meinerzhagen. We even produce our own tools and circuit boards. An exceptional level of vertical integration that makes all the difference. This enables us to guarantee first-class quality throughout the entire manufacturing process and to keep our carbon footprint low with less transport distance.

Friendly - Our promise for the future

For us, sustainability is not a trend, but a promise. Specifically, it is a sincere promise to live up to the responsibility we have taken upon ourselves - across all areas of the business. This begins with considerate use of resources, extends to fair and cycle-friendly working conditions for our staff, and culminates in a circular economy in which we source 100 per cent of our energy from hydropower and reuse waste heat in our production halls

Would you like to find out more about our Friendly philosophy?

Then just head this way:



[https://bumm.de/en/the-company/
sustainability/](https://bumm.de/en/the-company/sustainability/)



Did you know that ...

... that busch+müller developed the bicycle stand light for dynamo lights back in 1993?

A resounding success, which has since lead to regulation in the technical specification that every manufacturer must attain in order to qualify for the StVZO approval mark.

... and that in 2007, IQ technology caused a sensation in our Lumotec Fly?

With a previously unimaginable 40 lux, it shone so brightly that it became the shining example for all modern LED headlights.



TURNTEC® – Make your intentions clear!

Pioneering indicator systems for ebikes and bicycles

INDICATORS ON YOUR BIKE ...

MAKE SENSE!

They improve road safety, as both hands remain on the handlebars even in critical situations – e.g. when turning or changing lanes. Furthermore, bikes with indicators are more likely to be seen and respected both day and night.

ARE PERMITTED!

Since 2024, indicators have been permitted on all types of bicycles, such as e-bikes. All busch+müller indicators comply with the StVZO – so you can fit them to any compatible bike without hesitation.

THEY CAN BE LEASED!

Indicators are considered permanently fitted accessories and as such often eligible for financing with bike leasing policies.



Type 681

TURNTEC® T2

The rechargeable master of signaling

Suitable for any bicycle or e-bike* with

- Handlebars with a back-sweep from 0 - 20°
- an inner handlebar diameter of 17.5-19.5 mm

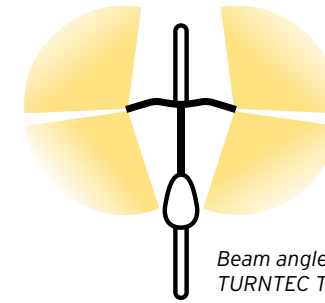
Quick to fit ...

Toolless installation in just a few minutes, the indicators on the TURNTEC T2 are securely fixed in both ends of the handlebars.

... easy to use.

Indicating with a small shift of your palm: our innovative ring switch ensures that you can ride steadily, brake easily and change direction safely even while indicating, with both hands on the handlebars.

* not approved for S-pedelecs



Beam angle
TURNTEC T2

TURNTEC T2 at a glance:

- Bright front and rear indicators: greater visibility on the road, day and night
- High-performance lithium-ion battery: Charge once via USB-C – flash for a month (depending on usage)
- Hazard light function for extra visibility in an emergency
- Sturdy aluminium housing
- Splash- and rain-resistant
- Sustainable thanks to a replaceable battery and high availability of spare parts

All the benefits, installation videos and more:



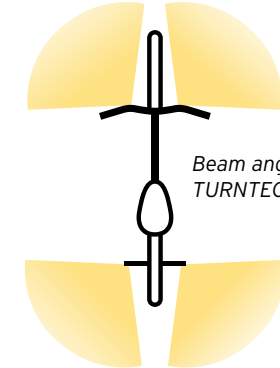
bumm.de/en/turntec-t2

TURNTEC® T4

The double plus in safety

Suitable for:

- connection to e-bike batteries 10-48 V DC
- all e-bikes and S-pedelecs
- Bicycles with a suitable battery



Beam angle
TURNTEC T4

Four indicators: two at the front, two at the rear

With the TURNTEC T4 indicator system, you'll noticeably improve your comfort and, above all, your safety whilst cycling. The two front indicators are mounted under the handlebars, whilst the rear ones are fitted to the sides of the luggage rack. Also available: a wide range of accessories for specific applications, e.g. cargo bikes.

Simple operation with a function button

A quick tap with your thumb activates the comfort flashing mode: just like in a car, the indicator switches off automatically after flashing several times.



Rear mounting,
with flexible mounting arms

Type 680
(original size)



TURNTEC T4 at a glance:

- Ergonomic LEFT/RIGHT function button
- Power supply and signal connection via cable harness
- Fault detection if an indicator is faulty or not properly connected
- Splash- and rain-resistant
- Approved in accordance with StVZO and UN regulations

Need help with installation?

You can find qualified specialist dealers near you here.



<https://bumm.de/en/dealer-search/>

Briq® - The smart headlight range for your e-bike

Marvels of engineering - and a revolution to discover

Being on the cutting-edge can sometimes be simply obvious: Briq - our latest series for e-bikes. A design that is as angular and accented as it's namesake, and that's an unmistakable statement. A memorable design is by no means the whole story: this is bicycle light technology on a whole new level. For those who want to experience progress first-hand.



Type 154H

Briq®-M E Highbeam New powerhouse with high beam function

The new Briq-M E Highbeam e-bike headlight gives you 150 lux on the road: broadly distributed and perfectly even - thanks to its clever combination of a large-surface reflector and highperformance electronics. You can also easily switch on the high beam for excellent visibility during brisk night-time rides. Another highlight: the ability to customise all lighting functions via the app. Set up your lights just the way you like them - and control it wirelessly via a Bluetooth button whilst riding.

BLUCON Bluetooth handlebar buttons



Lux comparison
Briq-M E Highbeam
150 lux (left) / 200 lux high beam (right)



Type 154

Briq®-M E Powerful visibility. A striking accent.

A dipped beam-pattern that is every bit as good as its big 'Highbeam' brother, this version comes in more affordable, only without the high beam and App functionality. another distinctive feature is the signature light-line that follows the edgy outer contours. Design and safety merge here to form an unmistakable whole - promising you powerful light output in a stylish design.

- High-performance headlight
- Powerful and uniform illumination thanks to new LED technology
- Low beam: 150 lux
- Very bright, even and wide beam pattern
- Signature light-line follows the edgy outer contours
- Approved daytime running lights
- High-quality aluminium housing

- 150 Lux
- Very wide and even beam pattern
- Super-bright high beam lights can be switched on at the touch of a button (200 lux)
- Huge light output with StVZO approval
- App connectivity via the BLUCON Bluetooth button
(Full details on BLUCON on p. 13)
- Signature light-line follows the edgy outer contours
- Approved daytime running lights
- With separate reflector
- High-quality aluminium housing
- Includes handlebar mount



Type 156

Briq®-XL E Highbeam The ultimate headlight for your e-bike

From the celebrated prototype at the Eurobike 2024 - now finally ready to hit the road with you: the Briq-XL E Highbeam. This top-of-the-range e-bike headlight is nothing less than a genuine revolution: with digital cornering lights, high beam and freely configurable beam-pattern modes, it projects a maximum of a whopping 8,500 lumens onto the road with perfect uniformity. In other words: you're cycling in pitch-black darkness - and you don't even notice. Because a sea of light spreads out before you, whose width, range and uniformity open up new dimensions - turning night into day. Thanks to digital cornering lights, the Briq-XL also illuminates every manoeuvre perfectly. An absolute world first - and therefore a genuine original!

- 150-220 lux - across almost the entire beam pattern
- Up to 8,500 lumens - for a daylight-bright lighting experience
- Cornering lights: digital, fully automatic and sequential
- Stylish daytime running lights, controlled by a light sensor
- Smart lighting technology
- App connectivity: configuration of the beam-pattern + control of all lighting functions
- Ergonomic Bluetooth control via BLUCON handlebar buttons
- High-quality aluminium housing
- Status LEDs for high beam, cornering lights, Bluetooth
- StVZO-approved (except for S-pedelecs)

for the first time with digital cornering lights



By the way ...

Even the smallest members of this headlight range do a brilliant job: the Briq-S E and Briq-S Premium E reliably light your way in everyday life with 60 and 110 lux respectively - and offer unbeatable value for money.

Curious?

Find out more about our compact lighting modules here:



<https://bumm.de/en/product-detail/briq-xl-e-highbeam/>

Brighter and stronger: IXON® Core Highbeam + IXON® Core 2

The new generation of rechargeable
headlights with and without high beam

Our Core model was already a real success story and set the hearts of many cycling enthusiasts racing. The second generation of our popular battery-powered headlight now goes one better - with 40% more beam intensity and an optional high beam function.



Type 181H

IXON® Core Highbeam

Broadens your horizons- The first rechargeable headlight with a genuine high beam

Do you want to ride fast at night or at dusk on poorly lit paths or in the woods? With our IXON Core Highbeam rechargeable headlight, that's no problem! This rereleased crowd favourite now broadens your horizons with a whopping 100 lux high beam. For a much better sense of space and noticeably greater safety as soon as the sun goes down.

- Wide, even illumination across the entire beam pattern
- Three powerful lighting modes (15, 35 and 70 lux)
- 100 lux high beam
- High beam function via the included BLUCON button
- Convenient configuration via the app
- Integrated aluminium heat sink
- Complies with StVZO
- Splash- and rain-resistant



BLUCON Bluetooth
handlebar buttons



Type 181

IXON® Core 2

Delivers plenty of power over a wide area

Even the basic version without high beam - the IXON Core 2 - outshines other headlights in its price range. The reason: its long-range, exceptionally uniform and wide beam pattern.

- Unrivalled value for money
- Close-range light and a wide-area beam pattern for optimum visibility
- Three powerful modes (15, 35 and 70 lux)
- Easy switching between light modes at the press of a button
- Complies with StVZO
- Splash- and rain-resistant

Mount position:

- upright handlebar mount with universal bracket for handlebar diameters up to 35 mm
- Suspended mount possible with optionally available brackets



Type 481GP available as
an accessory

The best of your light

At a glance: the pros of our
new rechargeable headlights

Long run-time meets short charging times

Up to 18 hours of run-time. Fully charged in a flash - just 1.5 hours (via USB-C).

Coming-home safely

2.5 hours run-time at a continuous 70 lux and then a safe journey home: at lower battery level the IXON Core will automatically dim to a lower brightness for another 2.5 hours, ensuring you make it home safe and sound.

Wireless freedom + app control

Switch between three light modes and optionally activate the high beam at a press of the BLUCON Bluetooth remote supplied with the IXON Core Highbeam. You can also easily configure the IXON Core Highbeam via the app.

Battery level at a glance

The intuitive five-level battery level indicator shows you exactly how much power your battery has left. The lighting modes can also be conveniently adjusted on the headlight.

Back-up power

Out and about with a dead phone? With the IXON Core's power bank function, you can simply recharge it!

Fantastic beam-pattern quality

Lights up your path incredibly uniformly, far and wide. With or without high beam.

EU Battery Regulation 2027? No problem!

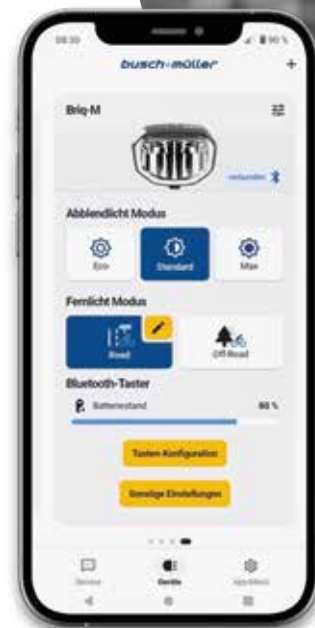
Whether it's the IXON Core 2 or the IXON Core Highbeam: both headlight models are repairable and have replaceable batteries. They also already comply with all the regulations that will come into force on 18 February 2027 with the new EU Battery Regulation. So for you, that means: breathe easy - with us, you're on the safe side. Here's to many light-years together!

Spotlight on the App!

Smart light control and sturdy mounting heroes

Good light for everyone – that's our philosophy.

To ensure our bike headlights can deliver their full potential, it all comes down to you: the crucial helpers behind the scenes. From smart app connectivity via Bluetooth to the perfectly matched mount: let's put the spotlight on the unsung heroes behind the bright headlights.



Available free of charge for Android and iOS:



busch+müller app get the most out of your headlight

Light at your beckon - with our free busch+müller app: Full light control ahead! You can use it to individually adjust and control all light function settings of your bluetooth compatible headlight. For a riding experience that's perfectly tailored to you and your rides.

- Convenient headlight configuration: Briq-M Highbeam, Briq-XL Highbeam, IXON Core 2 Highbeam
- Intuitive user interface
- Pre-programmed standard modes
- Customisable fine-tuning of individual lighting modes
- Guaranteed to comply with the StVZO - even after adjusting the default settings
- Direct access to the spare parts service, the website and support
- No registration required



Type 456BT

BLUCON®

Your Bluetooth® button for wireless light control

Want to control your lights whilst riding, keeping both hands safely on the handlebars? It's really simple: with BLUCON - our wireless Bluetooth button. High beam on, high beam off: all it takes is a simple push of your thumb. It's entirely up to you which other headlight modes you'd like to control with BLUCON: the two buttons on this clever control centre can be individually programmed with a total of four functions.

- Ergonomic Bluetooth button
- Compatible with the high beam versions of the headlights: Briq-M, Briq-XL, IXON Core Highbeam
- 2 buttons for a total of 4 programmable functions
- 3 indicator LEDs: Bluetooth, battery, high beam
- Wireless, space-saving installation
- Easy attachment to the handlebars: permanently using an aluminium clamp (rotatable) or with a flexible rubber strap
- Both mounting options included in the scope of delivery
- Battery life of up to one year

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Type 453LH

A secure hold for your lighting companion

You protect what you love. With the right mount for your bike headlight, you'll be safe on the road and can perform at your best with your favourite light by your side. Here are our latest additions.

Space-saving and affordable

- Single-arm plastic mount for handlebar fitting
- Suitable for e-bike headlights such as: Briq-S, Briq-S Premium, Briq-M
- For handlebar diameters of 31.8 mm and 35 mm
- Screws and nut included



Type 456LHA

Sturdy aluminium handlebar mount

- For heavy headlights such as the Briq-XL
- Stylish design in elegant black
- Single-arm
- Version for handlebar diameters of 25.4 mm (with adaptors) and 31.8 mm
- Version for handlebar diameters of 35 mm
- Headlight mounting via the screw supplied



Type 469HA

For heavy loads on the fork

- Heavy-duty bracket made from cast aluminium (black-coated)
- For mounting heavy headlights on the fork (e.g. IQ-XL)
- Screw, nut and lock washer included



Looking for a different mount?
Click here for the overview with filter function.
<https://bumm.de/en/accessories/lighting-accessories/>

Keeping an eye on what's behind you

Rear-view mirror for bikes and e-bikes

Whether you're cycling at speed or taking it easy, you certainly don't have eyes in the back of your head. But that's no problem - that's what bike mirrors are for.

The benefits of cycling with a bike mirror:

- Better visibility: even without looking over your shoulder, you can easily keep an eye on traffic behind you.
- Faster reaction time: A rear-view mirror allows you to spot approaching vehicles much earlier - for example, silent electric cars or cyclists without a bell.
- Increased safety: Rear-view mirrors on your bike increase your safety - and that of other road users - particularly when turning or overtaking.
- Relaxed cycling: Because you always know exactly what's going on behind you, you can cycle with peace of mind whilst keeping your heavy e-bike or fully loaded bike safely on track - for example, on a family outing with the kids.

Left or right?

This depends on which side your country drives on. One mirror should be mounted on the side furthest from the curb you ride alongside. For added security a second mirror on the other side can often be useful.

Find your favourite!

From minimalist rear-view mirrors for sporty cyclists to extra-large mirrors with maximum field of vision - you'll find our selection of bike mirrors, complete with detailed information, on our website. There, you can easily filter by bike type, intended use, mounting method and much more.

What you should definitely look out for when choosing your mirror:

- Correct fitting: Depending on the model, this is done either with a clamp directly onto the handlebars or via an adapter inside the handlebars.
- Sturdy construction: Ensures your rear-view mirror doesn't fly off whilst you're cycling and can withstand even bumpy terrain.
- Shatter protection: Protects you from injury in the event of a fall by preventing the mirror glass from shattering.
- Good adjustability: This is important so that you can adjust your mirror exactly as you need it for an optimal field of vision.
- Easy to use: Fold-down mirrors make it easier to park your bike and transport it on a bike rack.

Ready to benefit from 70 years' experience in mirror manufacturing? Then let's go:



<https://bumm.de/en/bicycle-mirror/>



Are cycle mirrors compulsory?

It's a clear 'yes and no'. If you're cycling on a standard bike, cycle mirrors are strongly recommended - but not required by law in Germany. The situation is different for fast e-bikes capable of speeds up to 45 km/h: here, rear-view mirrors are definitely compulsory. Also important: only mirrors bearing the 'E' mark are approved for such fast bikes - such as our Cycle Star E.



New!
Now also available
for right-hand
mounting!

Type 913/512

Cycle Star® E

Stylish, vibration-free and fold-away

The name says it all: our Cycle Star E leaves nothing to be desired. Thanks to its integrated clamp mounting, this premium mirror can be fitted to the handlebars in a matter of seconds and, with its large, pentagonal mirror head, offers excellent rear visibility. The built-in vibration protection ensures that the field of vision remains completely stable even whilst riding. When parking, the mirror arm can be folded away in a single simple movement. When you set off again, it snaps just as easily back into its original position. No stress. No need to look over your shoulder. Just relax and enjoy the ride.

- Fold-away rear-view mirror for bicycles and e-bikes
- Mirror arm with hinged clamp mounting
- For handlebar diameters of 22.2 mm
- Three locking positions, with memory function when parked
- Stone chip protection
- Protective, all-round impact absorbing edge
- 'E' mark (also approved for fast e-bikes)
- Available for both left and right side mount

Questions? Suggestions?

We'll take care of it!

If you'd like to share some praise or feedback, or if you have a query about one of our products, please feel free to use the contact form on our website. We'll get back to you as soon as possible to discuss your enquiry personally. You have our word!

Go to the contact form:



<https://bumm.de/en/contact-us/>

busch+müller
visibly better on the road

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Spare parts? We've got them.

With busch+müller, you're choosing top-class quality - and a partner who cares deeply about sustainability. So, should you ever need a spare part, switch on the translation function of your search engine and you'll find a wide selection in our shop. Save energy and conserve resources. You'll save money too - whilst helping the environment by reducing electronic waste.

Visit our spare parts service:



bumm-shop.de