

Briq-XL from Busch+Müller: Advancing into a new dimension – with a digital curve light

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Anyone who switches on the **Briq-XL** from Busch+Müller for the first time will be witness to a new dimension of bicycle light, experiencing a beam-pattern that outshines anything that has gone before it.

A perfect bicycle headlight - in theory - would have a uniformly and brightly illuminated track with a perfect horizontal cut-off line. **Briq-XL is the decisive technological leap** that comes closer to such an ideal light distribution than any other headlight to date. This effect is achieved by combining a large, polyhedral reflector and designated LED segments with state-of-the-art electronics.

The lux factor? 150 – and this not just at the brightest point, but almost everywhere in the unrivalled wide, broad and uniform beam-pattern stretching to a crystal-clear cut-off line. Of course, it would be possible to focus and merge the light of the headlight into a tight bundle, like a laser pointer, and then lay claim to an incredible 100,000 lux light output. However, a laser pointer is useless when riding a bike at night. This adds more to proof that the quality of a beam pattern generated by the Briq-XL (or any other light for that matter) cannot be summarised in terms of traditional numerical values. The human eye no longer sees a bicycle light in the carpet of light filled with up to 8,000 lumens but, instead, looks into the day - when the cyclist is actually riding in the dark.

The first steering movement reveal next wonder, showing an adaptive beam-pattern. The headlight will react to the lean of the handlebar activating a **digital curve light** function in a progressive sequence to provide a magnificent illumination of the bend while riding the curve. Simultaneously, the light on the far side of the curve will be lowered, maintaining a dipped beam to prevent the dazzle of oncoming traffic. The **Briq-XL** automatically illuminates the bend as amazingly as the straight track moments before.

Superior lighting comfort: One press of the handlebar button on the **Briq-XL** activates an enormously strong and wide high beam function. Three light openings on the left and right set striking design accents and ensure optimum lateral visibility. The headlight is mounted on the handlebars by means of an extremely robust, single-arm metal bracket. Alternatively, this bracket can be latched onto the headlight at a 180° angle, allowing for either upright assembly or suspended underneath the handlebars.



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Enter the final show-stopper of the new flagship: an **app** coupled to the headlight via Bluetooth opens up countless possibilities for controlling the light of the Briq-XL. Pre-set modes such as City, Road or Offroad are adapted to different conditions, and features such as low beam/high beam progression, daytime running light, light width and range can be individually programmed under "My Mode".

Technical specification:

- New dimension of beam-pattern – 150 Lux, wider, more expansive und more homogeneous than ever before
- Digital, fully automatic and sequential curve light
- High beam, operated via handlebar switch
- Smartphone app for individualised beam-pattern adaptation
- For e-bikes, 16-60 W power input

Briq-XL, Type 156

Recommended retail price: 450 €

Availability: Dark season 2024/25.

Briq-S Premium: The compact powerhouse from Busch+Müller

Busch+Müller first presented the Briq-S in autumn 2023, a headlight whose design is accented, pronounced and angular, with an excellent price point for a light in this class. This Briq-S has established itself so quickly that this season two new members have been added to the young headlight family. One of them is the **Briq-S Premium**.

This powerhouse of a light emits 110 lux, allowing very wide and completely uniform illumination of the path. In addition to the strikingly wide reflector, the new premium version features lighting technology that is significantly more powerful and efficient than that of the basic model. To match this, the ultra-compact **Briq-S Premium** light module has an aluminium heat sink.

In addition, the fully automatic, sensor-controlled daytime running LEDs provide safety as a standard.

Briq-S Premium is exclusively designed for e-bikes.

Technical specification:

- 110 Lux
- Very wide and uniform beam pattern
- High-performance premium variant of the compact Briq-S
- For e-bikes
- Suited for 9-15 V D.C.

Briq-S Premium, Type 1532

Recommended retail price: 59,90 €

Availability: Dark season 2024/25.

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Core 2: Re-chargeable from Busch+Müller in the next-generation

Core 2, the new re-chargeable headlight from Busch + Müller, carries a name that is very familiar among enthusiasts of outstanding bicycle lighting. Core, the popular and multi-award-winning bestseller from the Meinerzhagen lighting specialists, has a strong successor in **Core 2**. Thanks to its silver stainless steel look and surrounding impact buffer protection, its roots are immediately recognisable - and yet its dynamically adapted design is truly trendsetting.

The innovative lighting technology of the **Core 2** illuminates the track evenly and widely with a full 70 lux but, above all, offers unparalleled long-range illumination, which maximises the feeling of safety particularly for fast cyclists. At the same time, this technology ensures the beam does not dazzle oncoming traffic. **Core 2** offers a new dimension of beam-pattern quality that was previously only available in this form two price categories higher.

In the highest of three brightness levels that are clearly displayed by blue LEDs (as is also the charge level), the **Core 2** lights up for a full 2.5 hours and then switches to a lower brightness level for a further 2.5 hours to guarantee a safe journey home. In the lowest mode, the headlight provides approx. 15 lux for more than 18 hours.

Core 2 can be fully charged via USB-C and the enclosed fast charger within no more than 1.5 hrs. When on the road, the same USB-C port can be connected to 3rd party devices, and the **Core 2** can be used in its secondary function as a portable power bank to charge them – the perfect Bike-Packing headlight!

Core 2 aligns with the sustainability concept of Busch + Müller: friendly. In keeping with the requirements of current directives, the lithium battery is replaceable.

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Technical specification:

- 70 Lux
- Excellent long-range illumination
- 3 light levels
- Successor to the popular Core headlight
- Portable Power bank
- Boost charge via USB-C
- friendly: replaceable lithium battery

Core 2, Type 181

Recommended retail price: 69.95 €

Availability: Dark season 2024/25.

TURNTEC FROM BUSCH + MÜLLER THE INDICATOR SYSTEM FOR E-BIKES

Breackneck hand-signal manouvers are finally a thing of the past, as Busch + Müller have now developed **TURNTEC**, the turn light indicator system. E-Bike cyclists can now retain both hands on the Handle-bar while giving a clear turn signal when cornering.

Just as with indicators on other motorised vehicles, the four compact **TURNTEC** indicator modules are perfectly visible and offer a clear turn signal in every cornering manouver. The front two modules can be mounted under the handle-bar, and the rear modules can be fixed to the carrier rack left and right of the usual rear light mount.

The ergonomic remote switch is also mounted on the handle-bar in easy thumb reach. If a horn or high-beam headlight, then this switch is also capable of taking over both functions to help clean up the cockpit area and offer you a control centre for your components. Signal and power lines are run through routable plug-and-play cable looms between on-board supply, switch and indicator modules.

TURNTEC offers a significant security gain for any E-Bike. From a technical perspective, it can be assembled on any E-Bike offering a 12V DC power supply when the vehicle is switched on. Many E-Bike systems provide just that.

Facts:

- Indicator system for E-Bikes
- Four indicator modules
- Handle-bar remote switch – can also control high-beam light and horn
- Plug-and-play cable loom provided
- For E-Bike systems giving 12V DC
- Traffic regulation approved in Germany (see above - E-approved)

TURNTEC, Type 680
MSRP: 199,90 €

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