

LET THERE BE LUX

MADE IN

GERMANY

HIGHLIGHTS 2023

busch+müller

WORLD PREMIERE CURVE LIGHT

ASSISTANT FOR E-BIKES



LEVAL®

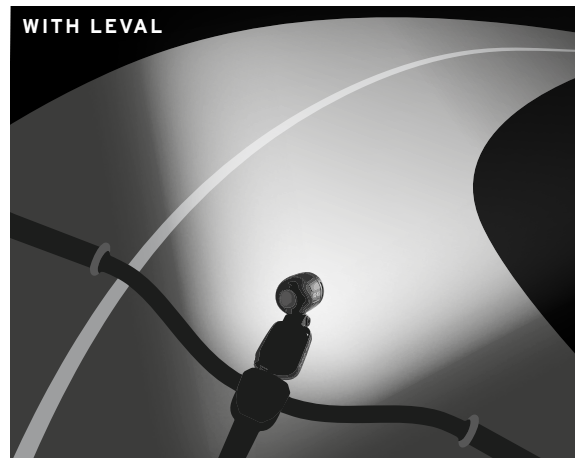
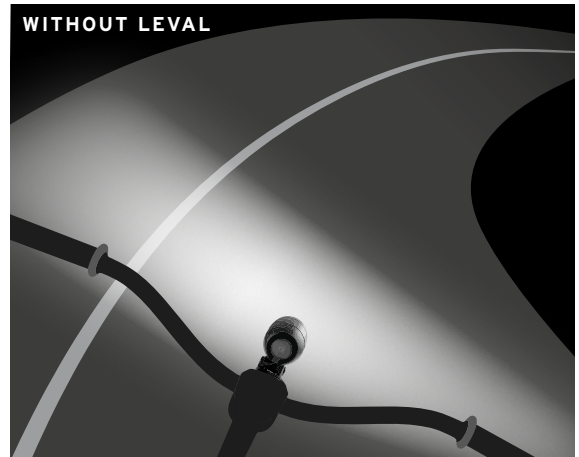
NEW! THE CURVE LIGHT ASSISTANT FOR E-BIKES

Brightly lit curves for a comfortable and safe riding experience. The curve light assistant is installed between mount and headlight and compatible with almost all e-bike headlights by Busch + Müller.

- When steering left or right, the device electronically keeps the light/dark boundary at an always horizontal angle, the headlight is literally turned into the curve
- The field of light does not tilt down to the left or right when the bicycle is tilted and thereby prevents the known shortening of the light field
- Seven bearing rings
- No adjustment necessary:
Install, activate, and off you go
- With switch ON/OFF
- For DC power sources 6-15 V (e-bikes)
- In case LEVAL is mechanically blocked, it deactivates automatically to prevent damage
- Approved by the German federal office for motor vehicles



Scan QR code to experience
LEVAL in augmented reality!



Type 365



BREX[®] TECHNOLOGY

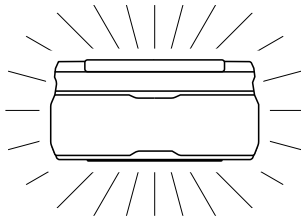
BRAKE AND EMERGENCY BRAKE LIGHT

COMPLIANT WITH RECENT GERMAN ROAD TRAFFIC REGULATIONS

Rear lights with BREX technology contain a sensitive deceleration sensor. This sensor detects every brake application and determines the braking intensity, the illumination of the rear light is controlled accordingly: Normal, braking and emergency braking operation. In contrast to previous brake light systems, thanks to this integrated sensor no cable is required connecting brake light to the levers.

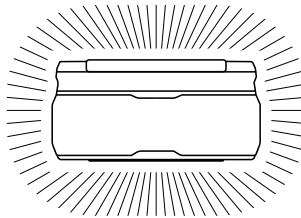
NORMAL OPERATION

During normal operation, rear lights with BREX technology offer premium visibility of the bicycle. The integrated sensor is always active and reacts to every braking and emergency brake application.



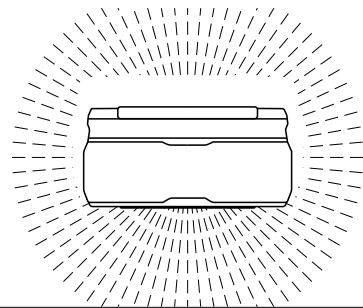
BRAKING

When the sensor detects deceleration, the light shines very brightly and intensely to alert traffic participants of the brake application. The light shines eight times brighter than previous so-called deceleration lights.



EMERGENCY BRAKING

NEW: In case of an abrupt brake application, the rear light goes even further into emergency brake light mode, pulsating very brightly. In this mode, BREX conveys the danger of the situation with an unprecedented signaling effect and prevents accidents.



BATTERY-POWERED REAR LIGHT

BRIXXI[®]

WORLD PREMIERE! THE FIRST BATTERY-POWERED REAR LIGHT WITH BREX TECHNOLOGY

This extremely compact battery-powered rear light combines a powerfully shining LED with innovative BREX technology. Despite its minimalistic size, it features an extremely wide light angle. Effective accident prevention in every braking situation. As the first battery-powered brake light with emergency brake light function, it is an ideal fit for sportive bikes.

Easy rubber strap mounting of the bracket to the seat post. The rear light can be removed by simply turning a knob and re-attached by clicking it in while the mount remains on the bicycle.

- Super bright, extremely large light angle
- Integrated BREX technology, including emergency braking function
- Integrated lithium battery
- Charging via Micro-USB
- Turn-knob mount for easy removal and re-attachment
- Compliant with recent German road traffic regulations



Type 385



SECUZED® E BREX®

MUDGUARD REAR LIGHT

NEW! NOW WITH BREX TECHNOLOGY

Flat, light, intelligent: SECUZED BREX is the smallest bicycle rear light with integrated Z reflector. It also includes BREX braking and emergency braking functions - for strong signaling during every brake application.

- Very compact size
- Integrated BREX technology, including emergency braking function
- Suitable for mounting on mudguard, seat post and strut
- For DC power sources 6-12 V (e-bikes)
- Integrated Z reflector
- Compliant with recent German road traffic regulations



Type 333KSB

CARRIER-MOUNTED REAR LIGHT

LINE E BREX®

NEW! THE CLASSIC REAR LIGHT WITH BRAKE LIGHT AND EMERGENCY BRAKE LIGHT FUNCTION

In regular mode, the well-proven and brightly shining LineTec light strip offers premium visibility. During braking and emergency braking, the BREX technology warns other traffic participants with strong signaling and prevents accidents.

- LineTec light strip technology
- Integrated BREX technology, including emergency braking function
- Carrier mounting (50 mm)
- For DC power sources 6-50 V (e-bikes)
- Integrated, large Z reflector
- Compliant with recent German road traffic regulations

AVAILABLE



Type 323KSB

HIGH BEAM HEADLIGHTS

IQ-XL E highbeam

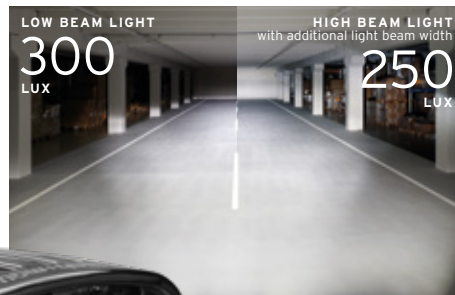
THE BRIGHTEST HIGH BEAM HEADLIGHT FOR E-BIKES.

300 Lux in low beam mode. Far, wide and homogenous light field with an exact light/dark boundary. One push of the handlebar button breaks this boundary wide open: With 250 Lux, high beam light shines further and higher. For e-bikes up to 25 km/h.

- 300 Lux low beam light
- 250 Lux high beam light
- For e-bikes (11-48 V DC, min. 16 W output)
- Aluminium casing
- Ergonomic handlebar button
- Compliant with recent German road traffic regulations
- Weight: 225 g

AVAILABLE

OEM EXCLUSIVE: SPECIAL SPEED PEDELEC VERSIONS



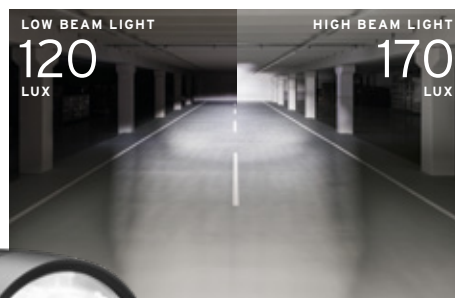
Type 169

IQ-XM E highbeam

THE HIGH BEAM WONDER FOR E-BIKES.

- 120 Lux low beam light
- 170 Lux high beam light
- Extensive light field with light at close range
- Ergonomic handlebar button
- For e-bikes (9-48 V DC, min. 16 W output)
- Aluminium casing
- Screw-on front reflector
- Compliant with recent German road traffic regulations
- Weight: 125 g

AVAILABLE



Type 168



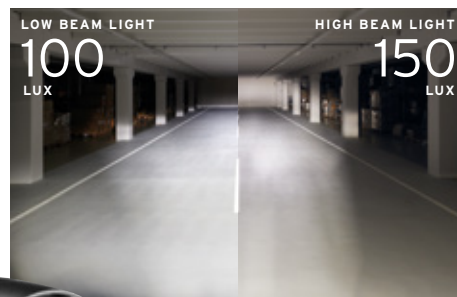
Special version for suspended mounting available.

IQ-XS E highbeam

SMALL. CHIC. BRIGHT. WITH HIGH BEAM.

- 100 Lux low beam light
- 150 Lux high beam light
- Extensive light field with light at close range
- Screw-on front reflector
- Safety side radiation
- Ergonomic handlebar button
- For e-bikes (9-48 V DC, min. 11 W output)
- Aluminium casing
- Compliant with recent German road traffic regulations
- Weight: 120 g

AVAILABLE



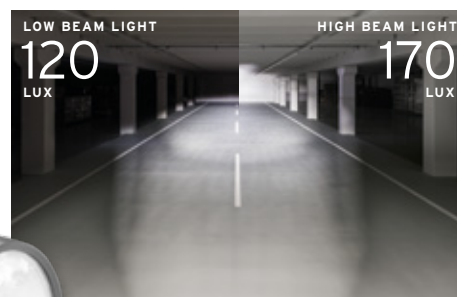
Type 167H

IQ-XM speed

NEW! HIGH BEAM LIGHT FOR SPORTIVE BIKES.

The highly luminous, battery-powered IQ-XM Speed features three low beam light modes. In high beam mode, it supplies impressive 170 Lux. For handlebar mounting. Power is supplied by a convenient battery pack with 4600 mAh. Ideal for road, gravel and mountain bikes.

- Three low beam light levels:
 - 120 Lux (4.5 h)
 - 70 Lux (7 h)
 - 20 Lux (23 h)
- High beam light: 170 Lux (1.5h)
- Aluminium casing
- Extensive light field with light at close range
- Ergonomic handlebar button
- Sturdy turn/lock handlebar mount for \varnothing 22-32 mm
- Easy fastening of the battery by rubber strap
- Compliant with recent German road traffic regulations
- Weight: 110 g (headlight), 255 g (battery pack)



Type 168B



Special version for suspended mounting available.



Five blue LEDs indicate charge status: One LED corresponds to 20% capacity. Can be used as a power bank.

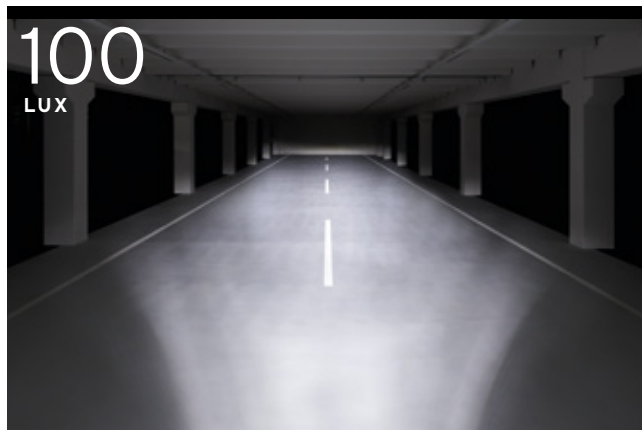
IXON® ROCK

HIGH-END MEETS DESIGN.

This headlamp with integrated cache battery comes in a stylish aluminium housing and generates 100 Lux at full power. The beam pattern fulfils the most demanding requirements on range, width and homogeneity.

- Three light levels:
 - 100 Lux highest level (> 2.5 h)
 - 50 Lux medium level (> 6 h)
 - 15 Lux lowest level (~25 h)
- Convenient design element:
Battery charge indicator with five lateral LEDs:
100% - 80% - 60% etc.
- Charging via Micro-USB - standard accessories ensure full charge within 3 h
- During the day, the headlight can serve as a USB power bank for mobile devices and provides 1,500 mAh when fully charged
- Swivel-lock handlebar bracket for ø 22-32 mm
- Weight: 160 g
- Compliant with recent German road traffic regulations

AVAILABLE



Battery charge indicator:
1 LED = 20% | 5 LEDs = 100 %



Swivel-lock handlebar bracket



Type 198

IQ-XS friendly

SMALL. BRIGHT. FRIENDLY.

Busch + Müller gets even more friendly. One of the many things that come with this attribute is the IQ-XS friendly – ecologically friendly! The first headlight with a housing made of petroleum-free plastic that is 100% compostable without residue. Also available for e-bikes.

- Based on our popular IQ-XS
- Compostable plastic housing
- Grass paper packaging
- 80 Lux
- For dynamo operation: sensor-controlled day ride LEDs, ON/OFF switch, standlight (Type 516711GRTSNDI)
- For e-bikes (6-42 V direct voltage): sensor-controlled day ride LEDs (Type 516711GR42TS)
- Weight: 90 g
- Compliant with recent German and French road traffic regulations

AVAILABLE

OEM EXCLUSIVE: A FRIENDLY VERSION OF HEADLIGHT MODEL MYC.



Compostable plastic



Type 516711G

FRIENDLY OUR SUSTAINABILITY CONCEPT



From the very first headlight worldwide made of compostable plastic material to the conversion to cardboard product packaging from sustainable forestry: Busch + Müller stands for internalised sustainability. Visit the web special to discover how we are pushing the topic of sustainability in all areas of the company - day after day



Learn more at bumm.de

E-BIKE + DYNAMO-POWERED HEADLIGHT

DOPP®

SMALL. CONGENIAL. BRIGHT.

- Extremely compact starter headlight
- Lens technology generates a good 35 Lux
- Clip-on front reflector
- Weight: 80 g

AVAILABLE

		Switch ON/OFF	Standlight	Daytime LEDs	E-Bike
DOPP					
N	151RN	●			
N plus	151RNDI	●	●		
T senso plus	151RTSNDI	●	●	●	
E	151R42/6				●



Type 151

MUDGUARD REAR LIGHT

SECUZED®

WITH THE SMALLEST Z-REFLECTOR IN THE MARKET.

A bright ring of light consisting of ten individual LEDs. As flat, small and bright as never before.

- Extremely compact design
- Meets all German road regulations on active and passive rear lights
- Suitable for mudguard, seat post and strut mounting
- Slide base angle infinitely variable
- Dynamo version with standlight (Type 333ALK)
- For e-bikes (5-15 V DC - Type 333ALDC)
- Weight: 33 g

AVAILABLE



Typ 333



Mudguard mounting

Seat post and strut mounting

DART

NEW! MODERN LOOK COMBINED WITH PREMIUM LIGHT SIGNATURE.

State of the art optics create three strong and evenly illuminated arrow-shaped elements each side of an integrated Z-reflector. The effect is great visibility in stunning design. Easy carrier mounting.

- Three available versions:
plus - for dynamo, with standlight
E - for e-bikes (5-15 V DC)
E BREX - with additional braking and emergency braking function
- Improved light strip technology: Premium visibility
- Extremely compact
- With large Z reflector
- Carrier mounting
- Compliant with recent German road traffic regulations



Type 340

Z REAR REFLECTOR

- Mudguard rear reflector, red, with approval mark Z
- Available in two designs:
 30 mm radius (for profoundly concave mudguard),
 43 mm radius (for flat mudguard)
- To be attached at 15° downtilt
- Separate screw-on or adhesive options are available for both designs



Type 312Z

HORN ACOUSTIC SIGNAL

- For fast e-bikes only
- High-impact sound
- Including handlebar switch
- Approval mark E
- For mounting to the down tube

It is not allowed to simply replace components for these fast e-bikes. Therefore, the horn is only available as a spare part directly from the e-bike manufacturer



Type 661

HANDLEBAR BRACKET

SINGLE-ARM ALUMINIUM HANDLEBAR BRACKET.

- Convenient, stylish, robust, single-arm aluminium handlebar bracket
- For handlebar diameters 25.4 mm, 31.8 mm or 35 mm
- Weight: 40 g



Typ 470LHA

FOX FORK MOUNT

MOUNTING BRACKET FOR TYPE AWL FOX FORKS.

- Suitable for all Busch + Müller dynamo and e-bike headlights
- Weight: 10 g



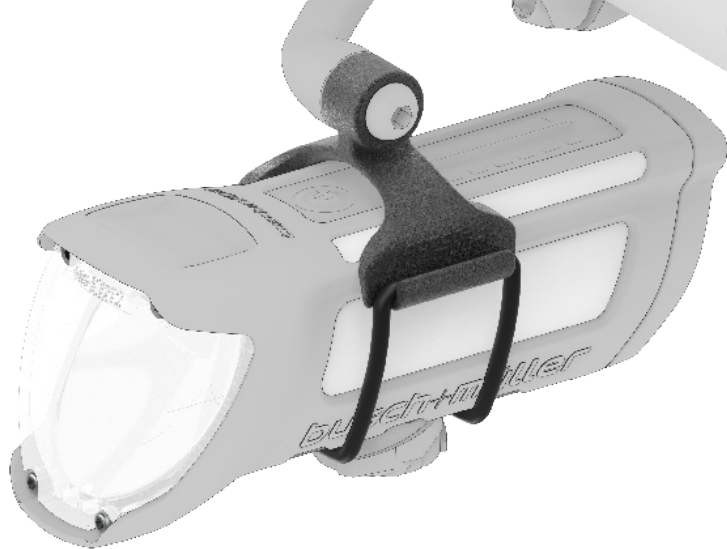
Type 471AF

IXON®-ADAPTOR

NEW! ADAPTOR FOR IXON HEADLIGHTS - HANGING MOUNTING

No more space on the handlebar? Or is the handlebar (e.g. Aero models) unsuitable for standard mounts? No problem. Using a special adaptor and a rubber strap, our popular IXON models Core, Rock and Space can be mounted hanging beneath the handlebar and are a perfect fit for sportive bikes.

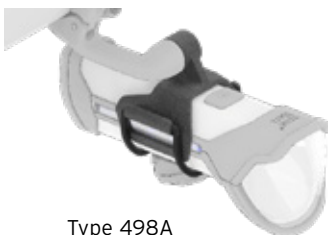
Adaptors available for original Busch + Müller mounts 470LH and 470LHA as well as appropriate faceplates with headlight fixation or for current GoPro, Garmin or Wahoo mounts.



	Adaptor for B+M handlebar mounts 470LH + 470LHA and for faceplates with headlight fixation	Adaptor for GoPro, Garmin, Wahoo
IXON CORE	480A	480GP
IXON ROCK	498A	498GP
IXON SPACE	496A	496GP



Type 480A
on IXON Core



Type 498A
on IXON Rock



Type 496A
on IXON Space

ADAPTER FÜR GOPRO, GARMIN & WAHOO



Type 480GP
on IXON Core



Type 498GP
on IXON Rock



Type 496GP
on IXON Space

NEW! BREX
REAL BRAKE LIGHT
WITH EMERGENCY BRAKE SIGNAL.

