

MADE IN



GERMANY

*visibly better
on the road*



busch+müller

MAIN CATALOGUE

MADE IN



GERMANY

Quality – hand on heart

Our products live up to our promise. Why can we be so sure about that? Because it is literally in our hands to keep this promise. All work steps from development, toolmaking, plastic injection moulding, stamping and electroplating through to assembly and marketing are carried out by us here in Meinerzhagen – the entire process, from start to finish. Thanks to our exceptional vertical range of manufacture, we can influence the optimum end result right from the toolmaking stage.

WHAT DOES THAT MEAN IN PRACTICAL TERMS?

That each reflector housing comes from our own mould. That each headlight is personally tested by us before it leaves the factory. And that each light source will not go into series production before it has successfully been passed in the laboratory and proved itself as a prototype on the road.

“Made in Germany” is not a seal of quality for us. It is an attitude. An attitude that is reflected in the diligence of our employees, in our commitment to principles and our proximity to everyone cycling with our products on board. Whether they are specialist retailers or end customers, workshop managers or everyday cyclists. We believe that, if you want to be visibly better on the road today, you must keep tomorrow in mind. That’s why sustainability is not an add-on for us, but a principle – in everything we do.

busch+müller – visibly better on the road



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NOTE

Our products for bicycles and E-Bikes are approved in accordance with the latest StVZO (german road traffic licensing regulations).
The products for speed E-Bikes bear the e-approval mark.

100 1925-2025
busch+müller





The cradle of good ideas

VISIBLY BETTER ON THE ROAD FOR TEN DECADES

Ideas. They are like light in the night - sometimes with radiating brightness, sometimes calmly shining. Sometimes they show us the goal, sometimes the way to get there. The fine art begins after the flash of inspiration: developing a product from an idea that is technically sophisticated, durable and adds value - and inspires people with its function.

We have been doing just that since 1925 - time and time again. With ideas that set new standards in the market because they are well thought-out, relevant and trend-setting. Ideas that would never have seen the light of day without the passion of our product developers and many hours of tinkering. Ideas that have become true originals in bike lighting - and have shaped what is now taken for granted.

The cradle of our good ideas?

The minds and hearts of our entire team without whom a hundred years of busch+müller would not have been possible: Every single day we ask ourselves how we can contribute to making bikes visibly better on the road. For everyday cyclists on tour with the family at the weekend. For commuters cycling in all weathers. For night owls who want to see clearly even in the dark. For bike racing athletes who expect their lighting to match their performance.

All our products have one thing in common: they ensure that bikes are **visibly better on the road** every single metre, day and night - regardless of the route. For over 60 years, bicycle manufacturers have also been counting on our innovative capacity. As a reliable development partner, we create solutions that combine technology and design in a practical and useful way - from exclusive bicycle lighting to sophisticated rear view mirrors for motorbikes.

busch+müller - The cradle of good ideas since 1925.

QUALITY AND INNOVATION IN FIGURES

- More than **60** patents and trade mark rights
- **15** VSF certifications for exceptionally durable and reliable bicycle components
- Der Rote Punkt NRW **1993**
- Eurobike Awards **2007, 2009, 2010, 2021**
- Single Eurobike Gold Award for a component **2007**
- Single Eurobike Green Award **2009**
- VSF Golden Sprocket for excellence in bicycle lighting development
- **3** "Milestone" Trekkingbike reader awards
- Special award by Gazelle for excellent performance in the development of an exclusive headlight
- IF Product design award **2010** and **2025**
- Award winner **2011** TOUR and RoadBIKE
- FIETS INNOVATIE AWARD **2011, 2024** and **2025**
- German Consumers' Association **2013**, GOOD rating for cost-performance ratio
- Product of the year **2013**, VELOJOURNAL
- READERS' AWARD **2019** and **2025** by MyBike
- German Design Award **2020**
- German Design Award Gold Winner **2025**
- Fair Ride Label **2022** by velomotion
- NimmsRad User Award for illumination **Gold 2023**
- Radfahren Award Winner **2023, 2024, 2025**
- Plus X AWARD **2024/2025** for TURNTEC and Briq-XL
- SIHK Award: Global Market Leader in South Westphalia **2024**
- Cyclingworld Award Gold Winner **2024**, Best Parts, Components & Technology
- Cyclingworld Award Silver Winner **2025**, Best Parts, Components & Technology



Willy Müller



August Busch



BUSCH+MÜLLER-ORIGINAL

This special title has been truly conferred to just a few products that we are particularly proud of. Why? Because they are not only shining innovative examples from our own point of view. It is because they have also convinced the most demanding cyclists and manufacturers.

Discover our originals of the last one hundred years at:
www.bumm.de/originals



100 1925-2025
busch+müller

Visibly better on the road



GOOD LIGHT FOR EVERYBODY. FROM THE ORIGINAL.

What does good light actually mean?

Light can be measured. In lumens, in candelas, in lux. But good light is not defined by its unit or intensity. It's the benefits it provides in everyday life on two wheels.

Since 1925, we have been developing products that do not break lumen records, but create confidence and safety. Because this is our job: to shape light in exactly the way that counts in everyday life on two wheels. Our technology accompanies people reliably and for a long time. Our commitment to quality begins in Meinerzhagen and becomes visible on the road.

What are our assets?

We are not nameless and anonymous, but close by. Close to the people who use our products on the road. To retailers who make their regular customers happy. To the manufacturers who expect products to match their bike's value proposition.

Light at its best.

With busch+müller visibly better on the road.



Guido Müller and
Dr. Rainer Müller

MILESTONES IN THE HISTORY OF BUSCH+MÜLLER

1925	Formation of business by August Busch (toolmaker) and Willy Müller (sixteen-year-old commercial apprentice)	1967	Dr. Rainer Müller joins Busch & Müller OHG
1929	"Cat's eyes" (reflectors) become mandatory	1969	Start of supplying BMW motorcycles with rear-view mirrors
1937	Production of rear lights (reflectors with bulb) that become mandatory in Germany Other products in this period: Bakelite® dishes (butter dish etc.), washing machine, motorcycle helmet	1980	70 Employees + 35 homeworkers
1949	Supplying Opel with reflectors	1980	The corporate partner Busch leaves Busch+Müller OHG
1957	Start of production of rear view mirrors	1989	TOPLIGHT - the first approved rack-mounted rear light
1961-64	Relocation of operations in Meinerzhagen from Volmestraße to Auf dem Bamberg	1992	First rear light with standlight function SECUTEC, electronics find their way into the products
1966	Death of August Busch	1992	Start of production of bicycle headlights: LUMOTEC is supplied by the millions
1966-80	All mirrors on Opel Kadett and Opel Rekord cars are from Busch+Müller	1995	Death of Willy Müller
		1998	Guido Müller joins Busch & Müller KG
		2017	Acquisition of Byczek Elektronik GmbH in Wiehl: production of electronic circuit boards
		2017	Start of series production of motorcycle turn signals and headlights for BMW
		2024	Production of E-Bike turn signal Turntec
		2025	300 Employees, 14,000 qm production area

A man wearing a blue jacket, a black helmet, and a backpack is riding a bicycle at night. The bicycle has reflective lights on the handlebars and wheels. The background shows a modern building with large glass windows and concrete pillars. The scene is illuminated by warm, yellowish light from the building and the bicycle's lights.

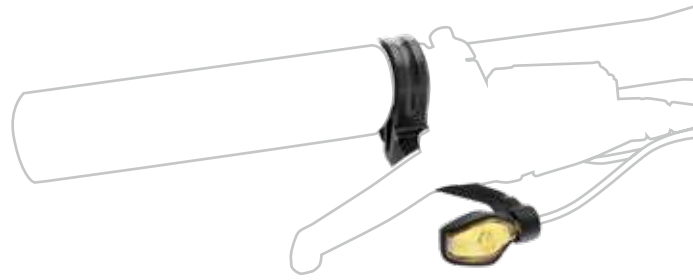
TURNTEC.
Indicators for
all Bikes.

**AT LAST: INDICATORS FOR
ALL BIKES ARE PERMITTED!**

TURNTEC® T4

The new TURNTEC T4 E-Bike indicator noticeably increases comfort and, in particular, safety when riding. Hand signals are no longer required when turning or changing lanes and both hands can remain on the handlebars at all times. Reliability of the TURNTEC system is ensured, since any fault will be immediately shown on the switch module.

- Making turning easier
- Always two hands on the handlebars
- Four indicators: two at the front, two at the rear
- Failure detection if an indicator is defective or is not connected correctly
- Comfort flashing: tap = flash several times
- Press and hold: Flashes for 5 minutes or until pressed again
- Ergonomic switch module
- Also approved for speed E-Bikes
- Approved according to StVZO and UN regulations
- Wide range of accessories available



Type 680



**Push button for speed E-Bikes
with highbeam and horn**



To the product on
[bumm.de](https://www.bumm.de)



E-Bike and Dynamo Headlights

MADE IN
GERMANY

156

BRIQ-XL HIGHBEAM



220 lux
220 lux

- Digital curve light, fully automatic and sequential
- Customisation with adjustable modes via app
- High-beam
- Wide and homogeneous illumination of the entire light field
- Daytime running light function
- Side visibility

169

IQ-XL E HIGHBEAM



300 lux
+250 lux

- High-beam
- Side visibility
- Extremely wide illumination
- Daytime running light function
- E-Bike version
- Dynamo version

168

IQ-XM E HIGHBEAM



120 lux
170 lux

- High-beam
- Upright and inverted mounting
- E-Bike version

164

IQ-X



150 lux

- Side visibility
- Daytime running light function
- Upright and inverted mounting
- E-Bike version
- Dynamo version with 100 lux

167H

IQ-XS E HIGHBEAM



100 lux
150 lux

- High-beam
- Side visibility
- E-Bike version

167

IQ-XS

80 lux

- Aluminium housing
- Also available with 100 % compostable housing for the friendly version
- Side visibility
- E-Bike version
- Dynamo version

1532

BRIQ-S PREMIUM

110 lux

- Daytime running LEDs
- Clip-on front reflector
- Light/dark sensor
- E-Bike version

153

BRIQ-S

60 lux

- Daytime running LEDs (optional)
- Clip-on front reflector
- E-Bike version
- Dynamo version

160

EYC

50 lux

- Partial aluminium housing
- Side visibility
- E-Bike version
- Dynamo version

150

MYC

50 lux

- Side visibility
- friendly-Version (100 % compostable housing) only available for original equipment
- E-Bike version
- Dynamo version

162

AVY

40 lux

- Side visibility
- E-Bike version
- Dynamo version

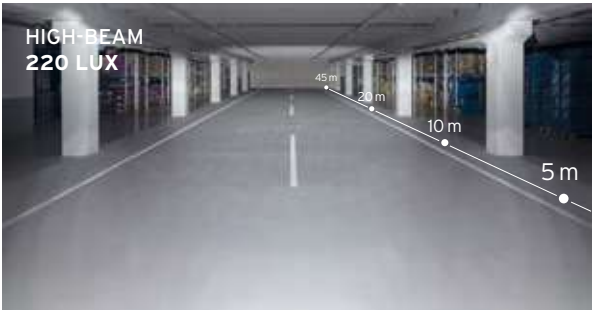
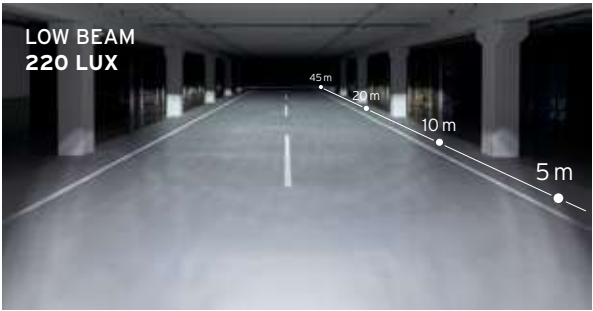
151/166

DOPP/UPP

35 lux

- Side visibility
- E-Bike version
- Dynamo version

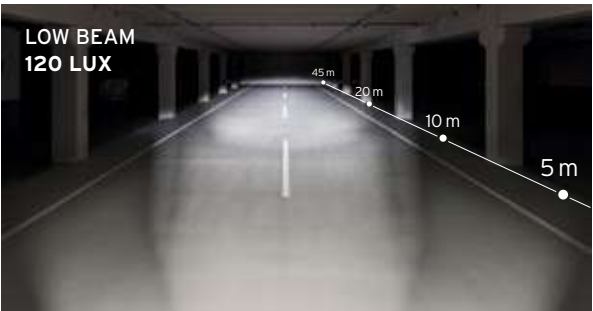
BRIQ-XL E HIGHBEAM WITH CURVE LIGHT



IQ-XL HIGHBEAM



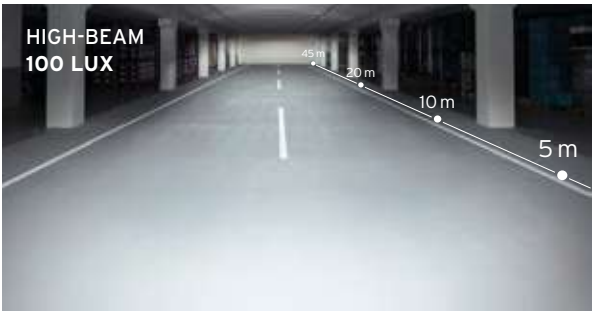
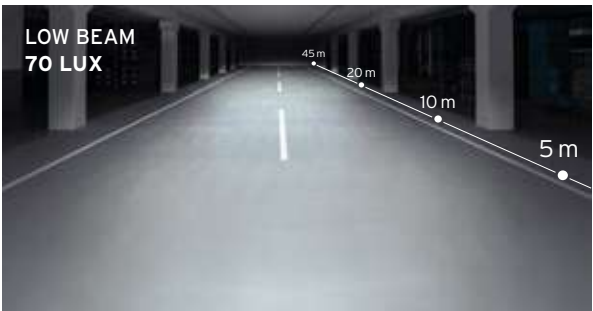
IQ-XM E HIGHBEAM | IQ-XM SPEED HIGHBEAM



IQ-XS E HIGHBEAM



IXON CORE 2 HIGHBEAM



IQ-X E | IXON SPACE



BRIQ-S PREMIUM



IQ-X



IXON ROCK



IQ-XS | IQ-XS FRIENDLY



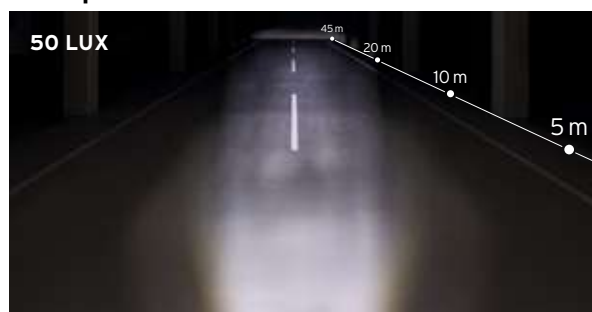
IXON CORE 2



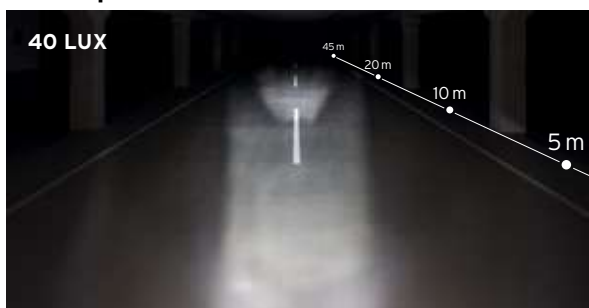
BRIQ-S



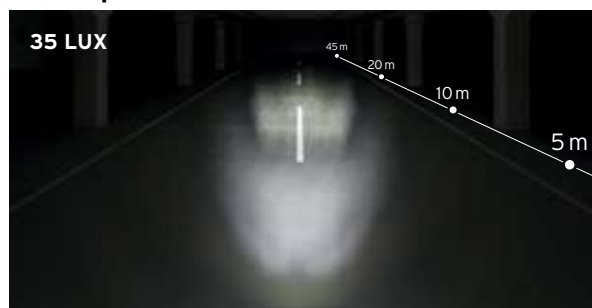
MYC | EYC



EYRO | AVY



DOPP | UPP



WITH DIGITAL CURVE LIGHT.

☾ 220 lux ☾ 220 lux

BRIQ®-XL E HIGHBEAM

- Close-range illumination, active and clear
- 150-220 lux - almost everywhere in the range of the cut-off line
- 2,000-8,500 lumen
- Design daytime running light, controlled by light sensor
- Indication LEDs for high-beam, curve light, Bluetooth
- 16-60 watt power consumption
- Weight 320 g
- Dimensions L/W/H: 74/94/64 mm



Type 156



Bluetooth button Blucon Type 456BT

CURVE LIGHT

DIGITAL, FULLY AUTOMATIC AND SEQUENTIAL

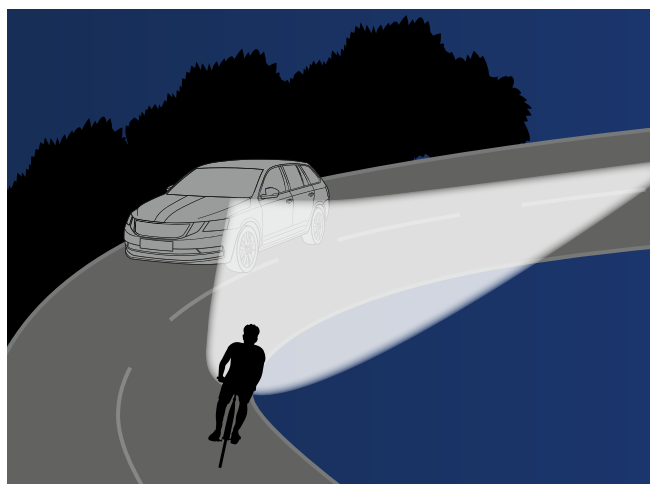
UP TO
8.500 LUMENS
DAY-BRIGHT LIGHTING
EXPERIENCE

**APP-
CONNECTION**
WIRELESS WITH BLUETOOTH

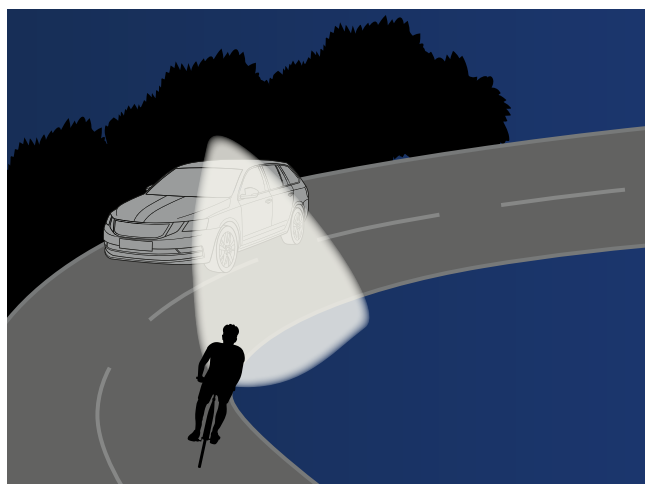
with App connection



DIGITAL CURVE LIGHT IN COMPARISON



Briq-XL: Headlight with digital curve light



Headlight without curve light

ADDED POWER FOR THE E-BIKE LIGHT
WITH DISTINCTIVE SHAPE

BRIQ®-S PREMIUM

The new stronger brother of the popular Briq-S stands out with its wide and extremely even illumination of the road. The premium version incorporates lighting technology that is significantly more powerful and efficient, hence the solid aluminium heat sink.

- 110 lux
- Daytime running LEDs
- Clip-on front reflector
- Light/dark sensor
- 9-15 V DC
- only for E-Bikes
- Weight: 85 g
- Dimensions L/W/H: 64x42x50 mm

110 lux

NEW

Type 1532



Suitable for handlebar and fork mounting.



Suitable for under-handlebar mounting.

THAT'S JUST THE SHAPE OF MY LIGHT.

BRIQ®-S

A design that is accented, pronounced, even edgy: The new Briq-S. Contemporary and urban. The highlighted modern touch added to the angular design lines give the bike an unmistakeable character and makes it stand out in the crowd. The headlight with IQ light technology illuminates the road evenly with 60 lux.

- 60 lux
- Daytime running LEDs (optional)
- Clip-on front reflector
- Light/dark sensor
- Connection for rear light
- Weight: 75 g
- Dimensions L/W/H: 65x35x45 mm

60 lux

Type 153



Suitable for under-handlebar mounting.

E-Bike version

- 9-15 V DC, with daytime running LEDs
- 5-42 V DC, Connection for rear light

Dynamo version

- Standlight
- Switch ON/OFF

		Switch ON/OFF	Standlight	Daytime running LEDs	E-Bike
Briq-S					
N	153RN	■			
T senso plus	153RTSNDI	■	■	■	
E	153R42/6				■
E T senso	153R12TS			■	■

THE BRIGHTEST HEADLIGHT WITH HIGH-BEAM FUNCTION.

300 lux + 250 lux

IQ-XL E HIGHBEAM

- For E-Bikes and dynamo
- 300 lux Low Beam
- Additional 250 lux high-beam
- Close-range illumination
- Side visibility for enhanced safety
- Daytime running light
- Ergonomic control button for handlebar assembly
- Aluminium housing
- Weight: 225 g
- Dimensions L/W/H: 60x70x65 mm

E-Bike version

- For DC voltage operation 11-48 V
- Requirement: at least 16 W nominal power at the light connection of the drive system
- Also with plug for BOSCH systems
- Exklusively available for OEMs: Models for speed E-Bikes

Dynamo version

- High-beam function generates unprecedented brightness levels
- High-beam function available already at 10 km/h
- Max. low beam brightness already at 25 km/h, high-beam at 35 km/h

Dynamo version: Type 169TSDI

NEW DYNAMO VERSION



E-Bike version: Type 169

HIGH-END HEADLIGHT.

100/150 lux

IQ-X

- 100/150 lux
- Large area light field
- Daytime running light
- Close-range illumination
- Aluminium housing
- Screw-on front reflector
- Side visibility
- Weight: 120 g
- Dimensions L/W/H: 55x46x54 mm

E-Bike version

- 150 lux
- 6-60 V DC
- Available with connector for BOSCH systems

Dynamo version

- 100 lux
- Standlight
- Switch ON/OFF
- Connection for rear light

Type 164



Inverted mounting also possible.

		Switch ON/OFF	Standlight	Daytime running LEDs	E-Bike
IQ-X					
T senso plus	164RTSNDI	■	■	■	
E	164R60TS7			■	■

120 lux 170 lux



Type 168



100 lux 150 lux



Type 167H



		Switch ON/OFF	Standlight	Daytime running LEDs	E-Bike
IQ-XS					
T senso plus	167RTSNDI	■	■	■	
friendly	516711GRTSNDI	■	■	■	
E	167R42TS			■	■
friendly E	516711GR42TS-04			■	■

HIGH-BEAM LIGHT FOR E-BIKES.

IQ-XM E
HIGHBEAM

- 120 lux Low Beam
- 170 lux high-Beam
- 9-48 V DC, 16 W power
- Close-range illumination
- Screw-on front reflector
- Ergonomic control button for handlebar mounting
- Aluminium housing
- Available with connector for BOSCH systems
- Weight: 125 g
- Dimensions L/W/H: 51x48x54 mm



Inverted mounting
also possible.

SMALL. FINE. BRIGHT.
WITH HIGH-BEAM FUNCTION.

IQ-XS E
HIGHBEAM

- For E-Bikes
- 100 lux Low Beam
- 150 lux high-beam
- Close-range illumination
- Side visibility for enhanced safety
- Screw-on front reflector
- Ergonomic control button for handlebar mounting
- Aluminium housing
- Weight: 120 g
- Dimensions L/W/H: 51x44x50 mm

IQ-XS E for E-Bikes (without High-beam)

- 80 lux
- 6-42 V DC
- Available with connector for BOSCH systems
- friendly-Version (100 % compostable housing)

IQ-XS for dynamo (without High-beam)

- 80 lux
- Standlight
- Switch ON/OFF
- Connection for rear light
- friendly-Version (100 % compostable housing)

THE TINY MIGHT - NOW ALSO FOR E-BIKES.

50 lux

EYC®

Hard to believe that this tiny light can be so bright. The IQ2 - Optics of this light provide a respectable 50 lux output with an impressively even beam on the roadway. With light in the near field. The powerhouse in miniature format weighs just 75 grams.

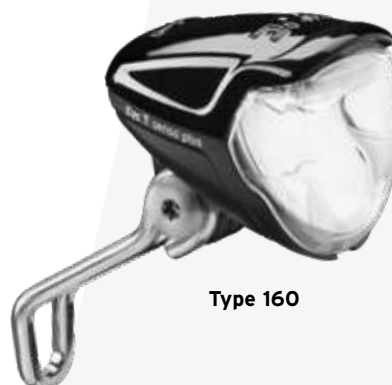
- 50 lux
- Close-range illumination
- Sensor-controlled daytime running LEDs
- Clip-on front reflector
- With aluminium cooling lid
- Weight: 75 g
- Dimensions L/W/H: 51x35x42 mm

E-Bike version

- 6-42 V DC
- Connection for rear light

Dynamo version

- Switch ON/OFF
- Connection for rear light



Type 160

		Switch ON/OFF	Standlight	Daytime running LEDs	E-Bike
Eyc					
plus	16ORDI		■		
N plus	16ORNDI	■	■		
T senso plus	16ORTSNDI	■	■	■	
E	16OR42/6				■

STYLISH AND BRIGHT ON THE ROAD.

50 lux

MYC®

Myc stands out for its 50 lux light output and homogeneous light pattern as well as its modern design. Compact and robust, the headlight with its many functions is the entry-level into the upper product category.

- 50 lux
- Sensor-controlled daytime running LEDs
- Close-range illumination
- Clip-on front reflector
- Plastic housing
- Weight: 67 g
- Dimensions L/W/H: 55x39x38 mm

E-Bike version

- 6-42 V DC
- Connection for rear light

Dynamo version

- Switch ON/OFF
- Connection for rear light



Type 150

		Switch ON/OFF	Standlight	Daytime running LEDs	E-Bike
Myc					
N	15ORN	■			
N plus	15ORNDI	■	■		
T senso plus	15ORTSNDI	■	■	■	
E	15OR42/6-04				■



As OEM version also available with compostable housing

 40 lux



Type 162

		Switch ON/OFF	Standlight	Daytime running LEDs	E-Bike
Avy					
N	162RN	■			
N plus	162RNDI	■	■		
T senso plus	162RTSNDI	■	■	■	
E	162R42/6				■

EVERYTHING YOU NEED.

AVY®

The slim version of a headlamp with real IQ technology. With 40 lux and good, homogeneous road illumination, it is the ideal mid-range headlight – technically absolutely up to date at a very good price-performance ratio.

- 40 lux
- Close-range illumination
- Clip-on front reflector
- Weight: 62 g
- Dimensions L/W/H: 57x46x54 mm

E-Bike version

- 6-42 V DC
- Connection for rear light

Dynamo version

- Switch ON/OFF
- Connection for rear light

 35 lux



Type 151

		Switch ON/OFF	Standlight	Daytime running LEDs	E-Bike
Dopp					
N	151N	■			
N plus	151NDI	■	■		
T senso plus	151RTSNDI	■	■	■	
E	151R42/6-04				■

SMALL. APPEALING.

DOPP®

Thanks to its proven lens technology, the likeable LED headlamp of the smallest design provides 35 lux on the road. Depending on the version, this includes standlight and daytime running LEDs. Large light openings to the side increase all-round visibility and safety.

- Extremely compact headlight
- Clip-on front reflector
- Weight: 80 g
- Dimensions L/W/H: 50x45x48 mm

E-Bike version

- 6-42 V DC
- Connection for rear light

Dynamo version

- Switch ON/OFF
- Connection for rear light

UPP

- Integrated front reflector
- See Dopp for technical specifications



Type 166



Inverted Mounting

FOR IQ-X, IQ-XM, IQ-XM SPEED.

The headlights can be modified for inverted mounting in just a few simple steps.

The exact instructions for the conversion can be found in the operating instructions of the corresponding headlights.



Conversion manual on
YouTube

Headlight Brackets



470H

Metal, long, black,
L/S* = 55/20 mm



471F

Metal, short, black,
L/S* = 40/21 mm



471U

Diecast zinc,
U-shaped, black



474D (shiny)

474DS (black)

Stainless steel, short,
L/S* = 25/18 mm



475D (Wire-Ø 4,5 mm)

460D (Wire-Ø 4,0 mm)

Stainless steel, shiny,
medium length
L/S* = 45/18 mm



475D/1 (shiny)

475DS/1 (black)

Stainless steel,
medium length,
L/S* = 45/25 mm



475DS

Stainless steel, black,
medium length,
L/S* = 45/18 mm



474DL (shiny)

474DLS (black)

Stainless steel, long,
L/S* = 60/18 mm



475DU

Bracket for Overhead
mounting,
L/S* = 55/20 mm



474DU

Bracket for overhead
mounting
L/S* = 36/27 mm



471AR2

Bracket for
RST Neon PLS
Forks



471LH

Plastic, long, extremely
break-proof, L* = 75 mm



464HA

Milled aluminium

464HAs (black)

(black)



464H (shiny)

464HS (black)

Multi-joint bracket, plastic,
with aluminium cable guide,
L/S* = 40/32 mm



471AR

Adapter for
RST-forks



471A

Bracket for SR forks CR8,
NEX + NCX since 2016



471E

Extension piece
(in addition to 471A
for hydraulic brakes)



471ASR

Bracket for Rock Shox
(Paragon)



471AXK

Bracket, short, for SR forks
CR9 + NCX (2009 - 2015)



471AX

Bracket, long, for SR forks
CR9 + NCX (2009 - 2015)



475ISS/ISM

Stainless steel special screw
and washer. For all stainless
steel brackets



471AOL

Bracket, long, for
Suntour forks (Mobie)



471AOK

Bracket, short, for
Suntour forks (Mobie)



470GP

Adapter for
GoPro mounts



470A

Plastic adapter
for head lights



470LH

Handlebar mount for
dyna-mo headlights, com-
patible with Bosch E-Bike
computer displays



475K

Cable guide
for 475D, 475DS,
475D/1, 475DS/1

Headlight Brackets



471AF
Bracket for FOX AWL forks



470LHA
Single-arm aluminium handlebar bracket for handlebar diameter 25,4/31,8 & 35 mm



475D/480GAPB
Adapter for IXON Core/Fyre battery headlamp
length: 45 mm
steel finish

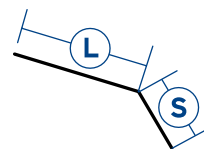


456LHA
Single-arm aluminium handlebar bracket for Briq-XL.
handlebar diameter 25,4/31,8 & 35 mm



469HA
Aluminium bracket fork assembly suited for heavy headlights

*** NOTE**
L = Length
S = Leg



480A
IXON Core adapter for 470LH + 470LHA and stem caps with headlight attachment



498A
IXON Rock adapter for 470LH + 470LHA and stem caps with headlight attachment



496A
IXON Space adapter for 470LH + 470LHA and stem caps with headlight attachment



480GP
IXON Core adapter for Gopro, Garmin & Wahoo



498GP
IXON Rock adapter for Gopro, Garmin & Wahoo



496GP
IXON Space adapter for Gopro, Garmin & Wahoo



481GP
IXON Core 2 adapter for Gopro, Garmin & Wahoo

Curve light assistant

THE CURVE LIGHT ASSISTANT FOR E-BIKES.

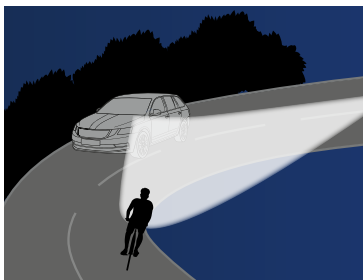
LEVAL®

Brightly lit corners 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.

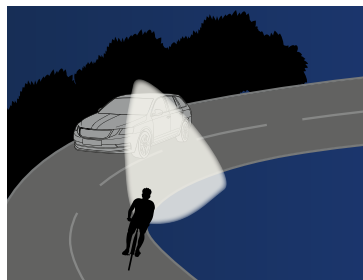
- When steering left or right, the device electronically keeps the light/dark boundary at an always horizontal angle, the headlight is literally turned into the curve
- The beam pattern does not tilt down to the left or right when the bicycle leans into the corner, and thereby prevents the shortened visibility we experience with fixed lighting.
- Seven bearing rings
- No adjustment necessary:
Install, activate, and off you go
- With switch ON/OFF
- For DC power sources 5-15 V
- In case LEVAL is mechanically blocked, it deactivates automatically to prevent damage
- Approved by the German federal office for motor vehicles



Type 365



with Curve light assistant



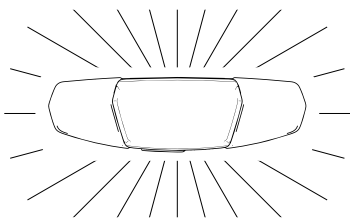
wihout Curve light assistant



Brake light and Emergency brake light function

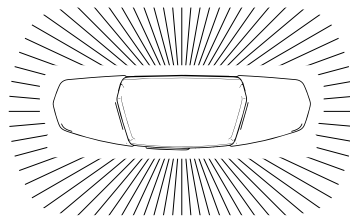
BREX® TECHNOLOGY

In rear lights with BREX technology, a sensitive deceleration sensor is integrated. This detects every braking process and differentiates the braking intensity. The rear light is controlled accordingly: normal operation, braking or emergency braking. Thanks to the integrated deceleration sensor, unlike previous brake tail lights, no wiring to the brake lever is required.



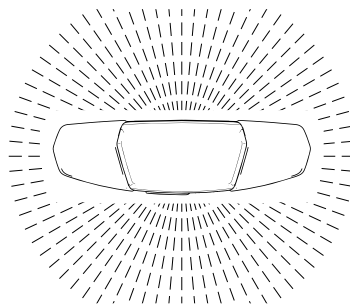
NORMAL OPERATION

In normal use, the rear lights with BREX technology offer cyclists the best visibility from behind. The integrated sensor system is active at all times and reacts to braking or emergency braking.



BRAKING

When the braking process is detected by the integrated sensor system, the rear light illuminates very brightly and clearly to signal following road users to slow down. More than five times as bright as in normal operation and thus many times brighter than previous rear lights with so called deceleration light.



EMERGENCY BRAKING

New: In the event of abrupt braking, the brake light switches up another level to the brightly pulsating emergency brake light function. In this mode, BREX conveys the dangerous situation with an unprecedented signalling effect and prevents accidents.



BREX[®]
Technology

Rear lights

MADE IN

GERMANY

332

μ



Mudguard,
Strut* or
Seatpost

- Aluminium housing, anodised
- Smallest rear light with StVZO approval
- Dynamo version
- E-Bike version

333

SECUZED



Mudguard,
Strut* or
Seatpost

- Ring of 10 bright LEDs
- Integrated Z reflector
- Dynamo version
- E-Bike version
- Brex version

331

SECUA



Mudguard,
Strut* or
Seatpost

- Integrated reflector
- Dynamo version
- E-Bike version
- Battery version

323

LINE



Carrier

- Integrated Z reflector
- Dynamo version
- E-Bike version
- Brex version

534022

KITE



Carrier

- Improved strip light technology
- Screw-on Z reflector
- E-Bike version
- Brex version

340

DART



Carrier

- Improved strip light technology
- Integrated Z reflector
- Dynamo version
- E-Bike version
- Brex version

321

VIEW



Carrier

- Integrated Z reflector
- Dynamo version
- E-Bike version
- Battery version

326

2C



Carrier

- Integrated Z reflector
- Dynamo version
- E-Bike version
- Battery version: Detachable and rechargeable via USB

* For strut mounting, two tail lights are required under German law, mounted symmetrically to the longitudinal axis of the vehicle.

REAR LIGHTS - MUDGUARD MOUNTING + STRUT MOUNTING

	Art. no.	Type	Standlight	LineTec	Brex
μ					
μ silver	332ALK	Dynamo	■		
μ black	332ALK-01	Dynamo	■		
μ E silver	332ALDC	E-Bike			
μ E black	332ALDC-01	E-Bike			

SECUZED

plus	333ALK	Dynamo	■		
E	333ALDC	E-Bike			
E Brex	333KSB	E-Bike			■

SECUA

plus (Mudguard)	331ASK	Dynamo	■	■	
plus (Strut)	331/2ASK	Dynamo	■	■	
E	331ASDC	E-Bike		■	
permanent (Mudguard)	331BS	Battery (2xAAA)	■	■	
permanent (Strut)	331/2BS	Battery (2xAAA)	■	■	

REAR LIGHTS - CARRIER MOUNTING

	Art. no.	Type	Mounting distance	Standlight	LineTec	BrakeTec	Brex
Line							
plus	323ALT	Dynamo	50	■	■		
plus	323/8ALT	Dynamo	80	■	■		
brake plus	323/5ALTV	Dynamo	50	■	■	■	
brake plus	323/8ALTV	Dynamo	80	■	■	■	
E K brake	323/5KB	E-Bike	50		■	■	
E Brex	323KSB	E-Bike	50		■		■

Kite

E	534022ASDC	E-Bike	50				
E Brex	534022KSB	E-Bike	50				■

Dart

plus	340ASK-02	Dynamo	50/80	■	■		
E	340ASDC-02	E-Bike	50/80		■		
E Brex	340KSB-02	E-Bike	50/80		■		■

View

plus	321ASK	Dynamo	50/80	■	■		
E	321ASDC	E-Bike	50/80		■		
permanent	321BS	Battery (2xAAA)	50/80	■	■		

2C

plus	326ASK	Dynamo	50/80	■	■		
E	326ASDC	E-Bike	50/80		■		
permanent	326US	Rechargeable battery	50/80	■	■		

HIGHEST SIGNAL EFFECT PACKED IN UNIQUE AND FLAT DESIGN.

KITE®

The E-Bike rear light with impressive design and performance features. For mounting on narrow luggage racks. The shape finishes harmoniously on the sides of the luggage carrier. A sensor-controlled brake light function adds an additional light strip and thus increases safety many times over. Please check in advance mounting possibility.

- Unique flat design
- Homogeneous light strip visible from a distance
- Triangular signature side visibility
- Very well visible from the side
- Carrier mount 50 mm
- E-Bike version: voltage range 5-15 V

Version with Brex Technology Typ 534022KSB

- With brake light and emergency brake light function
- for DC operation 6-42 V

KITE is available in the following versions: E | E Brex.
(See page 27)



Type 534022



CARRIER REAR LIGHT

CONTEMPORARY MEETS SIGNATURE.

DART

Powerful and uniform light thanks to new LED technology. The integrated Z reflector and three arrow-shaped elements each on the left and right ensure maximum attention. Easy to mount on the luggage carrier.

- New signature strip lighting technology:
Visible from a long distance
- Super-compact
- With Z reflector
- Luggage carrier mounting
- Dynamo version: Standlight
- E-Bike version: voltage range 5-15 V

Version with Brex Technology Typ 340KSB

- With brake light and emergency brake light function
- for DC operation 6-48 V

DART is available in the following versions: plus | E | E Brex. (See page 27)



Type 340



CARRIER REAR LIGHT

OUR TOP SELLER. BRIGHT, POPULAR AND VERSATILE.

LINE

- Super-bright
- Number of high-power LEDs: 2
- Strip light technology LineTec
- 320° visibility
- Integrated Z reflector
- Standlight

Version with BrakeTec Typ 323KB

- When the brake lever is pulled, the brake light lights up extremely brightly
- Voltage range 5-50 V
- Compatible brake systems available from: Magura, Tektro and Formula

Version with Brex Technology Typ 323KSB

- With brake light and emergency brake light function
- for DC operation 6-50 V

LINE is available in the following versions:
plus | brake plus | E K brake | E Brex
(See page 27)



Type 323



MINIMALIST IN DESIGN - BRILLIANT IN FUNCTION.

2C

Minimalistically sovereign in design (105 x 31 mm).
The function: In the dark, the two C-shaped clear glass chambers on the left and right shine as bright light bands. The light from these distinctive "light brackets" comes from two high-performance LEDs; in the centre is the Z large-area reflector. The 2C has Standlight as standard.

- Number of LEDs: 2
- Strip light technology LineTec
- Standlight
- Integrated Z reflector
- Minimalist design
- E-Bike version: voltage range 5-15 V
- Also available as battery version

2C is available in the following versions:
plus | E | permanent. (See page 27)

Type 326



CARRIER REAR LIGHT

THE ELEGANT TOPLIGHT.

VIEW[®]

The View ensures ideal side visibility thanks to the all-round clear glass body and is recognisable thanks to two super-bright LED stripes. The effect: brightly shining light area perception even from a very long distance.

- Number of LEDs: 2
- Strip light technology LineTec
- Z reflector
- E-Bike version: voltage range 5-15 V
- Also available as battery version

VIEW is available in the following versions:
plus | brake plus | E | permanent. (See page 27)

CARRIER REAR LIGHT



Type 321



SMALL. SMALLER. μ[®].

μ[®]

The smallest street-legal rear light.
[my:], pronounced mew. Minimalist and in a high-quality aluminium housing. Despite its small size, it offers very good all-round visibility. Small, efficient and highly visible, the rear light fits perfectly with many modern bikes.

- Minimalist design
- Very good all-round visibility
- Aluminium housing, black or silver anodised
- Optional mudguard, strut or seat post mounting
- Dynamo version: standlight
- E-Bike version: voltage range 5-15 V

μ is available in the following versions:
Dynamo | E (See page 27)

MUDGUARD AND STRUT REAR LIGHT

Original size



For E-Bike: Type 332ALDC



For Dynamo: Type 332ALK



MUDGUARD AND STRUT REAR LIGHT



Type 333



For very flat / low seat stays:
new adapter 433SAPB
can suit the fit.

MUDGUARD AND STRUT REAR LIGHT



Type 331

WITH THE SMALLEST Z REFLECTOR.

SECUZED

A bright ring of light composed of ten individual LEDs.
As flat, small and light as no other.

- Fulfils all regulations for active and passive protection of the bicycle to the rear
- Integrated Z reflector
- Standlight function
- For mudguard, seatpost and strut mounting
- Steplessly angle-adjustable sliding base
- E-Bike version: voltage range 5-15 V

Version with Brex Technology Typ 333KSB

- With brake light and emergency brake light function
- For DC voltage 6-50 V

SECUZED is available in the following versions:
plus | E | E Brex (See page 27)

COMPACT AND SUPER VISIBLE.

SECULA

The LineTec prism system with its elegant clear glass look is placed as a ring around the reflector. A red circle of light shines brightly.

- Number of LEDs: 1
- Strip light technology LineTec
- Standlight
- Mudguard or strut mounting
- E-Bike version: voltage range 5-15 V

SECULA is available in the following versions:
plus (Mud guard) | plus (Strut) | E | permanent
Mud guard) | permanent (Strut).
(See page 27)

Battery Headlights

MADE IN
GERMANY

168B

**IQ-XM
SPEED**



120 lux



170 lux

- Low Beam: 120 lux (4,5 hrs.*) / 70lux (7 hrs.*) / 20 lux (23 hrs.*)
- High-beam: 170 lux (1,5 hrs.*)
- Control button for handlebar mounting
- External battery pack (capacity indicator)
- Rechargeable via USB
- With power bank function
- Handlebar bracket for up to 35 mm

196

**IXON
SPACE**



150 lux

- 150 lux (>2 hrs.*)
- 10 lux (30 hrs.*)
- Brightness adjustable in 8 steps
- Capacity indicator
- Rechargeable via USB
- With power bank function
- Handlebar bracket for up to 35 mm

198

**IXON
ROCK**



100 lux

- 100 lux (>2 hrs.*)
- 50 lux (6 hrs.*)
- 15 lux (25 hrs.*)
- Capacity indicator
- Quick charge function 100% in 3 h
- Rechargeable via USB-C
- With power bank function
- Handlebar bracket for up to 35 mm

181H

**IXON
CORE 2
HIGHBEAM**



70 lux



100 lux

- 100 lux high-beam function via Bluetooth control button
- 70 lux (2,5 hrs.*)
- 35 lux (6,5 hrs.*)
- 15 lux (18 hrs.*)
- Capacity indicator
- Rechargeable via USB-C
- Handlebar bracket for up to 35 mm

181

**IXON
CORE 2**



70 lux

- 70 lux (2,5 hrs.*)
- 35 lux (6,5 hrs.*)
- 15 lux (18 hrs.*)
- Capacity indicator
- Rechargeable via USB-C
- Handlebar bracket for up to 35 mm

163

EYRO



40 lux

- 40 lux (>5 hrs.*)
- 10 lux (15 hrs.*)
- Capacity indicator
- With front reflector
- With stainless steel bracket, for fork mounting
- Light unit removable
- Rechargeable via USB

* Run-Time

THE NEW CORE 2 - WITH AND WITHOUT HIGH-BEAM FUNCTION

☾ 70 lux ☾ 100 lux

CORE 2

In addition to our standard model, our range now includes Core 2 Highbeam which, for the first time, offers true high-beam in a battery-powered headlight. Just like the tried and tested E-Bike models with high-beam from busch+müller, the light field opens upwards beyond the cut-off line and turns night into day. An aluminum heat sink ensures the necessary regulation with so much lighting power.

Unlike the light modes on previous rechargeable models, the high-beam function is not controlled on the headlight itself, but safely and user-friendly directly on the handle-bars via a Bluetooth control button.

CORE 2 HIGHBEAM

- Battery-powered headlight with high-beam function via Bluetooth control button
- Wide, uniform illumination of the entire light field
- With integrated heat sink
- Low Beam 70 lux, high-beam 100 lux
- Integrated lithium battery, 3.000 mAh (replaceable)
- Three light levels: 15 lux, 35 lux und 70 lux
- Run time:
 - High-Power-Mode: 70 lux (2.5 hrs.)
 - Mid-Power-Mode: 35 lux (6.5 hrs.)
 - Low-Power-Mode: 15 lux (18 hrs.)
- Capacity indicator
- Quick-charging function via USB-C (with compatible plug-in power supply unit)
- Comfort charging function
- Power bank function 1.500 mAh
- Also for inverted mounting, with click-lock
- Also available as a set with BRXXI
- Weight: 140 g
- Dimensions L/W/H: 117x37x44 mm

CORE 2

- 70 lux
- Wide, uniform illumination of the entire light field
- Close-range illumination
- Capacity indicator
- Three light levels:
 - High-Power-Mode: 70 lux (2.5 hrs.)
 - Mid-Power-Mode: 35 lux (6.5 hrs.)
 - Low-Power-Mode: 15 lux (18 hrs.)
- Quick-charging function via USB-C
- Power bank function
- Integrated lithium battery (replaceable)
- Also available as a set with IXXI
- Weight: 125 g
- Dimensions L/W/H: 117x37x44 mm

NEW



Type 181H



Bluetooth button Blucon
Type 456BT



Type 181



Includes bracket
for up to 35mm
handlebar diameter



Bracket available for
inverted mounting.

BATTERY-POWERED HEADLIGHT WITH HIGH-BEAM FUNCTION FOR SPORTIVE BIKES.

☾ 120 lux ☾ 170 lux

IQ-XM SPEED

The bright IQ-XM Speed battery headlight can be adjusted to three light levels in low beam mode. In high-beam mode, it delivers a full 170 lux. Handlebar mounting. Powered by a practical 4600 mAh battery pack. Ideal for road, gravel and mountain bikes.

- Three light levels-Low Beam:
120 lux > 4.5 hrs. Run-Time
70 lux > 7 hrs. Run-Time
20 lux > 23 hrs. Run-Time
- High-beam: 170 lux (1.5 hrs. Run-Time)
- Large light field with close-range illumination
- Stable twist-lock handlebar mount for ø 22 - 35 mm
- Easy battery attachment with Velcro stretch band
- Ergonomic control button for handlebar mounting
- Headlight housing made of aluminium
- 7,4 V, 4,600 mAh battery pack with power bank function
- Compatible with K-Werk
- Weight: 110 g (Headlight), 255 g (Battery)

Charge level indicator with five blue LEDs:
One LED corresponds to 20 % capacity.
Can also be used as a power bank.



Type 168B



Upright mounting also possible



COMPACT MAXIMUM LIGHT PERFORMANCE.

☾ 150 lux

SPACE®

The peak level of 150 lux can be used for more than two hours – space and road surface are illuminated broadly, widely and brilliantly as never before.

- High-power LED battery headlight
- Aluminium housing, anodised
- 150 lux maximum output
- Wide field of light
- Close-range illumination
- Eight brightness levels, individually switchable, digitally displayed
- Highest level: 150 lux (> 2 hrs. Run-Time)
- Lowest level: more than 10 lux (30 hrs. Run-Time)
- Integrated lithium battery
- Powerbank function with 3.000 mAh
- Stable twist-lock handlebar mount for ø 22-35 mm
- Weight: 240 g
- Dimensions L/W/H: 131x44x52 mm



Bracket available for inverted mounting.



Type 196



HIGH-END MEETS DESIGN.

100 lux

ROCK

The battery-powered headlight in an elegant aluminium housing has an output of 100 lux at full level and meets the highest demands in terms of width, width and homogeneity.

- Three light levels:
100 lux > 2.5 hrs. Run-Time
50 lux > 6 hrs. Run-Time
15 lux ~ 25 hrs. Run-Time
- Practical design element:
The charge level indicator with five LEDs on the side: 100 % - 80 % - 60 % - 40 % - 20 %
- Using supplied USB-C charger: within 3 hrs charged
- Perfect for Bike-packing, the headlamp can serve as a USB power bank and provides 1500 mAh when fully charged
- Twist-lock handlebar mount for \varnothing 22 - 35 mm
- Also available as a set with BRIXXI
- Weight: 160 g
- Dimensions L/W/H: 121x49x48 mm

**Type 198****Bracket available for inverted mounting.****With side charge level indicator:
1 LED = 20 % | 5 LEDs = 100 %****Incl. twist-lock handlebar mount****BATTERY-POWERED HEADLIGHT
FOR FORK MOUNTING**

EYRO®

40 lux

This battery headlight is mounted on the fork! Integrated lithium battery. The light/battery unit is removed for charging – the carrier part always remains firmly mounted on the bike.

- 40 lux
- Close-range illumination
- Integrated lithium battery
- Rechargeable via USB
- HighPower: 40 lux (5 hrs. Run-Time)
- LowPower: 10 lux (15 hrs. Run-Time)
- Integrated front reflector
- Weight: 110 g
- Dimensions L/W/H: 53x37x85 mm

**Type 163**

Battery Rear lights

385

BRIXXI



- Mounting: seat post
- Run-time: approx. 24 hrs
- Super-bright and wide beam angle
- BRIX Technology
- Twist-lock bracket for easy removal and re-attachment
- Automatic switch-on
- Capacity indicator
- Rechargeable via USB-C

383

IXXI



- Mounting: seat post
- Run-time: 15 hrs
- With tension band
- Capacity indicator
- Rechargeable via USB

331

SECUA



- Mounting: seat post or strut
- Strip light technology LineTec
- Run-time: 20 hrs
- Capacity indicator
- 2 batteries (AAA) enclosed

326

2C



- Mounting: Luggage carrier
- LineTec "light-brackets"
- Run-time: 15 hrs
- Integrated Z reflector
- Removable
- Capacity indicator
- Rechargeable via USB

321

VIEW



- Mounting: Luggage carrier
- Strip light technology LineTec
- Run-time: 20 hrs
- Integrated Z reflector
- Capacity indicator
- 2 batteries (AAA) enclosed

**Type 385**

FIRST BATTERY-POWERED REAR LIGHT WITH BREX TECHNOLOGY.

BRIXXI®

The extremely compact battery-powered rear light combines a powerful high-performance LED with innovative BREX technology. As a real brake light with emergency brake light function, it is ideal for sporty bikes.

Simple mounting of the holder on the seat post with a tension strap. The Rear light can be removed with a simple twist and later reattached by snapping it into place while the holder remains on the bike.

- Super bright and wide beam angle
- Integrated BREX technology brake and emergency brake light function
- Automatic switch-on (light/motion sensor) or continuous light selectable
- Run-time: approx. 24 h
- Integrated lithium battery
- Capacity indicator
- Rechargeable via USB-C
- Twist-lock bracket for easy removal and reattachment
- Also available as a set with Core Highbeam and Rock
- Weight: 50 g
- Dimensions L/W/H: 40x25x50 mm

**Type 383**

CLASSIC WITH ENORMOUS BRILLIANCE.

IXXI

High-power LED. Very bright, large beam angle. Fits almost all seat posts.

- Integrated lithium battery
- 15 h hrs. Run-time
- Rechargeable via USB
- Capacity indicator
- Also available as a set with Core 2
- Weight: 35 g
- Dimensions L/W/H: 31x31x53 mm



**THE COMPACT AND SUSTAINABLE
POWER SUPPLY FOR ON THE GO.**

K-WERK®

Powerful powerbank that is charged via the dynamo.
Ideal for charging devices on short and long tours.
The K-Werk supplies a current of up to 1.9 A via USB
at 5 V voltage.

- Battery pack 7.2V, 5,000 mAh
- Rechargeable via dynamo
- Powerbank function
- USB connection
- Stable, low fluctuation power output
- Rainwaterproof
- Battery status display
- Mounting with Velcro strap
- IQ-XM speed compatible

Type 362



POWER SUPPLY FOR MOBILE DEVICES

E-WERK®

For connection to a hub dynamo. Supplies energy to charge or power mobile devices. Voltage (up to 13.3 V) and current (up to 1.5 A) can be adjusted variably. Charges at velocities of approx. 8 km/h and faster – at only 15 km/h as quickly and efficiently as standard mains connected chargers. It can also be connected to DC power sources of up to 50 V, so that operation with an E-Bike or car battery is possible as well. Extensive accessories. Universal connections (also USB). Splash and rainwater-proof.



Type 361

OPERATING MOBILE DEVICES/ CHARGING VIA HUB DYNAMO

USB-WERK

For powering/charging mobile devices via hub dynamo. Supplies 5 V and up to 500 mA current. An integrated small cache battery ensures constant 5 V supply during slow riding and/or stops. Universal connections. Contains cable with USB socket. Splash- and rainwater-proof.



Type 361BW

Specials for Speed E-Bikes

HIGH-END HEADLIGHT FOR FAST E-BIKES UP TO 45 KM/H.

IQ-X E

The headlight has a full 150 lux and convinces with a very broad, wide and homogeneous large-area illumination of the road. It also has an elegant design made of high-quality aluminium, available in silver or black.

- 150 lux
- For speed E-Bikes 6-60 V DC
- Close-range illumination
- Requirement: at least 7.5 W rated power at the light connection of the drive system
- With E-mark

Type 164



THE BRIGHTEST HEADLIGHT WITH HIGH-BEAM FUNCTION.

IQ-XL E HIGHBEAM

- For speed E-Bikes
- 300 lux Low Beam
- Additional 250 lux high-beam
- Close-range illumination
- Safety lateral light distribution
- Daytime running light
- Ergonomic control button for handlebar mounting
- Aluminium housing
- Weight: 225 g
- Dimensions L/W/H: 60x70x65 mm
- With E-mark



Type 169

HORN! IS THAT ALLOWED?

HORN

No, not on bicycles in Germany. But it is for fast E-Bikes, if the horn/signal transmitter is compliant with the regulations, i.e. meets the high requirements for the E-mark!

- Only for speed E-Bikes
- Effective sound
- Including handlebar push button
- Type 661: Adhesive mounting on down tube
- With E-mark

Type 660

Type 661



FIVE FUNCTIONS IN ONE.

LICENCE PLATE MOUNT

Number plate holder system, consisting of holder, Rear light with brake light, number plate light, reflector.

- Integrated Rear light with brake light
- Integrated licence plate light
- Adjustable holder, suitable for licence plates from DE, NL, A, CH
- Reflector
- All lighting components with E-mark

**Type 650**

**WITH E MARK OF APPROVAL, FOR E-BIKES
THAT ARE MOTOR-ASSISTED UP TO 45 KM/H.**

LICENCE PLATE SYSTEM

Basically, the licence plate system consists of plate holder, brake Rear light, plate illumination and a reflector. Licence plate systems are available for carrier or seat post mounting. The models shown here are standard versions. Samples of different shape or measurement are available upon request. Illumination of the licence plate is done by the plate illumination (ref. no. 640, 6 or 12 V, white light, with E mark of approval). The Rear light shown is the TOPLIGHT Line E brake (ref. no. 323EB), with E-mark of approval. In normal operation, both LEDs shine constantly and are very well visible. When the brake levers are applied, the extremely bright brake light activates.

**Type 487/323/640**

**WITH E MARK OF APPROVAL, FOR E-BIKES WITH
ELECTRONIC AID UP TO 45 KM/H.**

REFLECTOR

**REF. NO.563/2**

- Yellow, self-adhesive
- 61 x 36 mm

**REF. NO.533/2**

- Yellow, with screw hole
- Diameter 61 mm

**REF. NO.306/2KG**

- Yellow, self-adhesive
- 100 x 10 mm

**REF. NO.306/22KEB**

- Yellow, self-adhesive
- 35 x 40 mm

Components for these types of E-Bikes may not simply be retrofitted.
Therefore, spare parts are only available from the vehicle manufacturer.

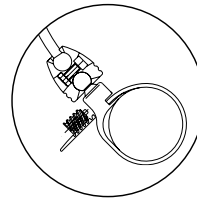
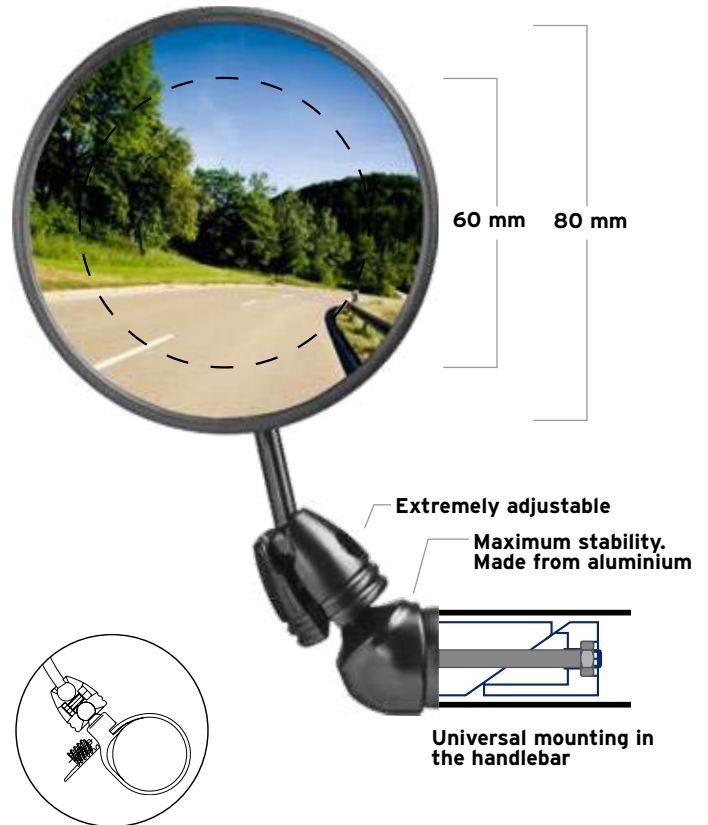
Bike and E-Bike mirrors

CYCLE STAR®

The premium rear view mirror series for bicycles and pedelecs is now available in three sizes and two shapes. The pronounced curvature of the mirror provides an extra large field of vision. Its glass is protected against shattering. All CYCLE STAR mirrors are extremely adjustable and can be turned inwards.

Mounting

Using the internal handlebar mount is the sturdiest mounting option, saving space on the handlebar itself. Most CYCLE STAR mirrors can be clamped onto the handlebar as well, all mounting accessories are included. Only internal handlebar mounting (non-adjustable) for Types 901/2, 903/2 and 913/712.



Clamp attachment on handlebar



All about mirrors
at bumm.de/en



Extra long bar
Ø 60 mm: Type 901
Ø 80 mm: Type 903



Short, straight bar
Ø 60 mm: Type 901/1
Ø 80 mm: Type 903/1



Short, curved bar
Ø 60 mm: Type 901/3
Ø 80 mm: Type 903/3



Only with internal
handlebar mount
Ø 60 mm: Type 901/2
Ø 80 mm: Type 903/2

CYCLE STAR®

Ø 80 MM: TYPE 903/7

Can easily be folded in - this also protects in case of collisions! If the mirror is folded out again, it automatically locks back into its previous position. Approved for speed E-Bikes in Switzerland. Only with internal handlebar mount. For handlebar diameters 17,2 to 22 mm. For straight or bent handlebars (maximum angle 22°).



Type 903/7

Ø 80 MM: TYPE 903/6A

Turns away in case of a collision. Approved for speed E-Bikes in Switzerland. Internal handlebar or clip mount. Upright or hanging mounting possible: handlebar diameters 14,5 to 18,5 mm.



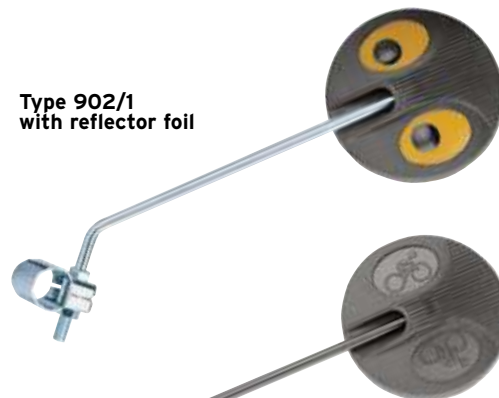
Type 903/6A

FOR BICYCLES AND PEDELECS.

STANDARD MIRROR

- Plastic housing: Ø 93 mm
- flat glass
- Rod: Ø 6 mm
- Original with solid metal clamp only from busch+müller

Type 902/1
with reflector foil



Type 902/2



**PREMIUM REAR VIEW MIRROR SERIES
FOR BIKES AND E-BIKES.**

CYCLE STAR® E

This new pentagonal CYCLE STAR shape offers an even larger reflecting surface. The soft circumferential component protects the mirror in case of collision. These mirrors are approved for speed E-Bikes. Mark of approval "E".

Clamp mounting on the handlebar or with adapter in the handlebar (inner handlebar diameter 14.5-18.5 mm). Handlebars straight or angled at a maximum of 45°. Can be mounted upright or inverted under the handlebars.

- Long arm with clamp or plastic adapter
- Pentagonal, large mirror shape
- Protective, circumferential soft component
- Shatter-proof design
- Highly adjustable



Type 913/712



Type 913/612A

**REARVIEW MIRRORS
ALSO FOR SPEED E-BIKES.**

E-BIKE MIRRORS

Comply with requirements for speed E-Bikes. Defined size, curvature and function: The mirror must not stay rigid during collisions, but must collapse.

- Hinged
- With E-mark



Type 913/801VLME



Type 913/701VLME
No bar, space-saving,
particularly low-vibration

SUPERIOR REAR VIEW,
PRACTICAL, CHIC AND FOLDABLE.

CYCLE STAR 913/512

Foldable mirror for E-Bikes and bicycles for mounting on the handlebars. The tried and tested large pentagonal mirror head offers the best view to the rear thanks to its curved, shatter-proof glass.

Its beautifully shaped bar is equipped with vibration protection creating a previously unknown vibration-free field of vision while riding.

The hinged, molded mounting clamp allows the mirror arm to be fitted in seconds. When parking, the mirror arm can be folded in with a single movement and just as easily snaps back into the driving position

- Foldable E-Bike and bicycle mirror
- Three locking positions, with memory function when parking
- With E-mark
- Mounting clamp for 22.2 mm dia. handlebar

NEW



Type 913/512

Rear view mirrors and light components for motorcycles

MADE IN

GERMANY

A selection from our range. Many further models available upon request!



Universal mirror
Ref. no. 911/2 - L+R / P+V



Leg shield mirror
Ref. no. 912/2 - L+R / P+V



Pivoting mirror (folds in)
Ref. no. 913/3 - L+R / P+V
Ref. no. 913/1 - Plastic version



Universal mirror
Ref. no. 922 - M / P+V



Universal mirror
Ref. no. 922/15 - M / P+V / e



Universal mirror
Ref. no. 922/16 - M / P+V / e



Hinge mirror
Ref. no. 960VE



BMW mirror
Ref. no. 1911/966V / L + R¹⁾ / E



BMW mirror
Ref. no. 1911/903VCE¹⁾



BMW mirror
Ref. no. 1911/2063VM
/ L + R¹⁾ / E



BMW mirror
Ref. no. 1911/77BVME



**BMW mirror
completely milled from Aluminium**
Ref. no. 1911/112VM / L + R¹⁾ / E

**Hercules mirror**

Ref. no. 913/4 - L+R / P+V
Ref. no. 913/2 - Inner handle-
bar mirror universal

**Honda mirror**

Ref. no. 926/300A0VE2

**Honda mirror**

Ref. no. 926/37V / M+C

**Honda mirror**

Ref. no. 926/500AVME / L+R

**KTM mirror**

Ref. no. 916/307VMEKT¹⁾

**KTM mirror**

Ref. no. 916/909VE / L+R¹⁾

**KTM mirror**

Ref. no. 916/962VM / L+R¹⁾

**MBK-/Peugeot mirror**

Ref. no. 928/801SILBVE / L+R

**BMW direction indicator**

Ref. no. 1811/34 / L + R¹⁾ / E

**BMW licence plate light and holder,
integrated reflector**

Ref. no. 1811/40¹⁾ / E

**Auxiliary headlight for BMW bike**

Ref. no. 1811/20ZSW2 / L + R¹⁾ / E

busch+müller has been manufacturing components for motorbikes for many years. These traditionally include Rear-view mirrors, but in recent years lighting expertise has also played a stronger role. Thus, the portfolio includes turn signals, Rear lights and number plate lighting, among others.

Customers include many well-known brands from the automotive and motorcycle industries. Only a selection of the extensive product range is shown here. Many of the products shown above are not freely available, as they are produced exclusively for the respective vehicle manufacturer.

REFERENCES

L+R separate versions available for left- or right-hand installation
P+V with flat or reducing Glass available
V only available with reducing glass
M also available in matt black

C also available chrome-plated
M+C available in matt black or chrome-plated
e also available with test approval „E“
E with test approval „E“
1) exclusively for OEMs

Reflectors



FRONT 313/5WB

Wide angle reflector. Approval marks B, D, E, GB. Also in red: REAR type 313/1WB. Reflector dimensions: 55 x 50 mm.



FRONT 313/5U¹⁾

Integrated U-shaped plastic holder. Especially suitable for cantilever brakes. Only 12 g. Approval marks D, E, GB. Also available in red: REAR type 313/1U. Reflector dimensions: 38 x 47 mm.



FRONT 464R

For IQ-X, IQ-XS, IQ-XM and Cyo without daytime running light. Can be screwed on. Approval marks D, E, GB.



FRONT 313/5WF¹⁾

Wide angle reflector. Metal holder. Especially suitable for suspension forks, V-, hydraulic and drum brakes. Approval marks B, D, E, GB. Also in red: REAR type 313/1WF. Reflector dimensions: 55 x 50 mm.



FRONT 313/5WU¹⁾

Wide angle reflector. U-shaped metal holder. Thread M6. Especially suitable for cantilever brakes. Approval marks B, D, E, GB. Also in red: REAR type 313/1WU. Reflector dimensions: 55 x 50 mm.



FRONT UNIVERSAL 313/5K¹⁾

Tension band and rubber insert for all pipe diameters. Only 10 g. Approval marks D, E, GB. Also in red: HECK universal type 313/1K. Reflector dimensions: 38 x 47 mm.



306GS

Back with self-adhesive foil. Test mark D, E. Reflector dimensions: 89 x 13 mm. For fork mounting.



REAR 312H

Approved for contour-parallel mounting on mudguard (inclined up to 30°). Approval marks D, E. Type 312H/8: with metal tab for riveting on. Reflector dimensions: 55 x 50 mm.



REAR 313/1

Mudguard mounting with screw. Mark of conformity D, E. Reflector dimensions: 38 x 47 mm.



REAR MINI-Z 313/12B¹⁾

Plastic screw clamp Ø 13-40 mm, 55 x 50 mm. High reflection values with small size. Approval marks D (incl. Z), E.



REAR 314/1

Mudguard mounting. Especially suitable for short mudguards. With screw. Approval marks D, E. Type 314/8: with metal tab for riveting on. Reflector dimensions: 40 x 45 mm.



REAR 313/32

Format 27 x 91 mm. Carrier mounting. Screws 50 mm. With 2 screws. Approval mark D (incl. Z), E.



REAR BIG 316WZ

Carrier mounting, screws 50 and 80 mm apart. With 2 screws. Approval mark D (incl. Z), E. Type 316: with flat reflector. Type 316W: wide angle version. Reflector dimensions: 50 x 110 mm.



REAR 312Z

Mudguard reflector with approval mark Z, red, approval mark D, Versions:
- 312Z0 for horizontal straight mudguards
- 312Z30 for flat mudguards
- 312Z43 for curved mudguards
With self-sticking adhesive pad, to be mounted with 15 ° inclination.



SPOKE REFLECTOR 309M

Unloseable. For all wheel sizes. With stainless steel clamps. Approval marks D, E.



SPOKE REFLECTOR 309

Unloseable. For all wheel sizes, rotatable plastic fasteners. Test mark D, E. Type 309V for narrow spoke spacing.



SPECIAL 563

Format 36 x 61 mm. Back with self-adhesive foil. Mark of conformity D, E, SAE. Type 563/2: Reflector yellow, Type 563/5: reflector white.



TEDDY-REFLEX 621STPB/CLIP 625

Pedestrian reflectors. Crystal clear or coloured reflector.



SPACER 317

With white (to the front) and red (to the rear) rear reflector, incl. mounting material and mounting

1) Various mounting brackets available. The complete scope of delivery can be found at www.bumm.de/en.

UNIVERSAL COCKPIT-ADAPTER

- Holds mobile devices securely on the handlebar
- For devices with widths from 50 to 92 mm and height from 120 to 165 mm
- For handlebars with diameters from 22 to 40 mm
- Easy to fit with tension strap, no tools required
- Mobile devices are easily clamped or removed with a handle
- Additional securing strap included

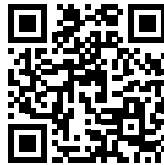


Type 262



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Even our high-quality products do not last forever or get damaged. But often they can be repaired with the right spare parts and thus continue to be used. Extending the life of products is a component of our sustainability strategy **friendly**. In this way, we help to save energy, conserve resources and generate less electrical waste.

From now on, end consumers can order original busch+müller spare parts directly in our new store for spare parts.



More light at the POS

**EXPERIENCE HOW A
TURN SIGNAL CAN INSPIRE.**

TURNTEC®

The TURNTEC display brings the flashing function to life and makes it easy to understand. In combination with the original button, the interplay of haptics, feedback and display becomes visible and tangible. A convincing practical demonstration. Power is supplied via a mains plug.



NEU

**CURVE LIGHT
FOR HANDS-ON EXPERIENCE.**

LEVAL®

With the new LEVAL presenter, the function of the curve light assistant can be experienced in a playful way: Pick up the handlebars, simulate cornering and watch the headlights work on the LEVAL. Suitable for standing and wall mounting. Power supply via mains plug.



SMALL. COMPACT. EYE-CATCHING.

BREX®

This presenter fully automatically simulates the three light levels of the BREX technology: Normal driving, braking and emergency braking. Its small dimensions make it perfect for any sales counter. Power supply via mains plug.

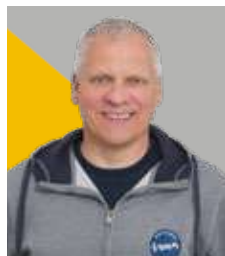


Service Team

Our technical field service exclusively advises the specialised trade true to the motto „visibly better on the road with busch+müller.“ As a specialist retailer, make an appointment with our expert advisors.



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TEST HIGH-BEAM LIVE.**

HIGH-BEAM

With this high-quality presenter, your customers can experience the difference between low beam and high-beam live. Press the original handlebar button once and the IQ-XM switches from low beam to high-beam mode. The incredible effect of the additional 120 lux is immediately visible on the display and convincing at the touch of a finger!



**ORDER NOW –
BEACHFLAG WITH YOUR LOGO.**

BEACHFLAG

Ideal for in-or-outdoors. Height choice: 2.68 m or 4.60 m
Available with Stand.



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