

# HIGH LIGHTS 2021



Made in  
Germany

***busch+müller***

# IXON ROCK

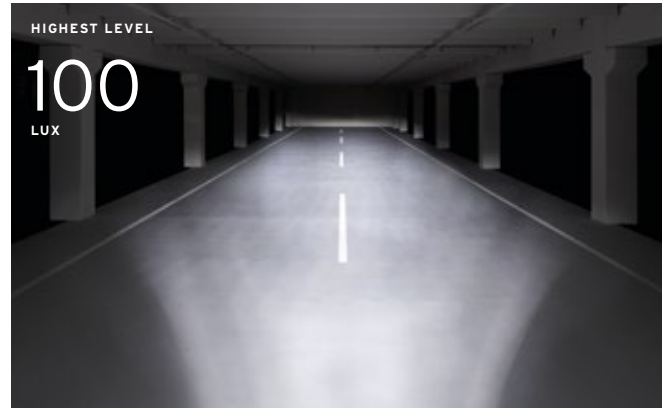
High-end meets design: This headlamp with integrated cache battery comes in a stylish aluminium housing and generates 100 Lux at full power. The beam pattern fulfils the most demanding requirements on range, width and homogeneity.

### 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 USB - standard accessories ensure full charge within 3h
- 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  $\varnothing$  22-32 mm
- Weight: 160 g



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



Incl. Swivel-lock handlebar bracket



# YOUR ROCK IN THE DARKNESS

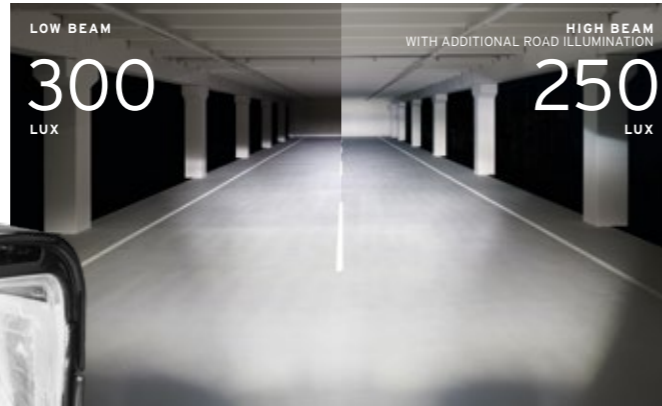
100  
LUX



Integrated  
Powerbank with  
Mini-USB

## IQ-XL

**NEW!** THE BRIGHTEST HIGH BEAM HEADLIGHT FOR E-BIKES.



300 Lux in the low beam mode. The extensive light field shines far, wide and homogeneously up to the clearly defined light/dark boundary. Pushing the handlebar button goes beyond all limits: at 250 Lux, the high beam light shines even wider and higher.

Approved for road use - absolutely! For e-bikes with motorised assistance up to 25 km/h.

Exclusive for OEMs: Speed e-bike versions.

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

## IQ-XM

THE HIGH BEAM MIRACLE FOR E-BIKES.

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



## IQ-XS highbeam

**NEW!** SMALL. POWERFUL. BRIGHT. NOW ALSO WITH HIGH BEAM FUNCTION

- | For e-bikes
- | Aluminium casing
- | 100 Lux low beam, 150 Lux high beam
- | Extensive light field and light at close range
- | Screw-on front reflector
- | Lateral light emission for extra protection
- | Ergonomic handlebar button
- | For e-bikes (9-48 V DC, 11 W min. nominal output)
- | Approved by German road traffic regulations
- | Weight: 120 g



## IQ-XS friendly

**NEW!** SMALL. BRIGHT. FRIENDLY

Busch + Müller turns (ecologically) friendly! One of the many things that come with this attribute is the IQ-XS friendly - the first headlamp with a housing made of petroleum-free plastic that is 100% compostable without residue.

- | Based on our popular IQ-XS
- | Compostable plastic housing
- | Grass paper packaging
- | 80 Lux
- | Screw-on front reflector
- | 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



Type 516711G



**Talking about friendly...** : Those who are concerned about environmentally harmful paper/plastic packaging, we can assure that we are gradually replacing this type of packaging with cardboard boxes. And that's not all: in the future, we will use cardboard boxes for all our packaging options that come from FSC certified and, thus, sustainable forestry.

## DOPP

**NEW!** SMALL. CONGENIAL. BRIGHT.

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



Type 151

		ON/OFF switch	Standlight	Day ride LEDs	e-bike
<b>DOPP</b>					
<b>N</b>	151RN	●			
<b>N plus</b>	151RNDI	●	●		
<b>T senso plus</b>	151RTSNDI	●	●	●	
<b>E</b>	151R42/6				●

## 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. The newly developed prismatic technology ensures that the headlight meets the required Z reflectance values - and it is also the smallest Z reflector on the market.

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



Mudguard assembly

Seat post or strut assembly

## TOPLIGHT LINE® brex

**NEW!** REAR LIGHT WITH SENSOR-CONTROLLED BRAKE LIGHT FUNCTION.



Type 323KSB

Real brake light function according to German traffic regulations: the brake light is extremely bright at approx. 55 candelas and works without any connection to the brake lever. The sensor detects any slowdown. In the event of an emergency stop, the rear light flashes a particularly striking, pulsating light to warn motorists and cyclists behind\*.

- | For e-bikes (6-50 V DC)
- | For carriers: 50 mm mounting dimension
- | Weight: 50 g

\*This function cannot be provided before the corresponding approval has been made available.

**NEW!** SINGLE-ARM ALUMINIUM HANDLEBAR BRACKET 470LHA



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



The German Design Award 2020, one of the most prestigious design awards, goes to the miniaturised LED bicycle rear light  $\mu$  [my:].



Original size. The smallest rear light approved for road use:  $\mu$  [my:], pronounce mü.