ADDVIEW







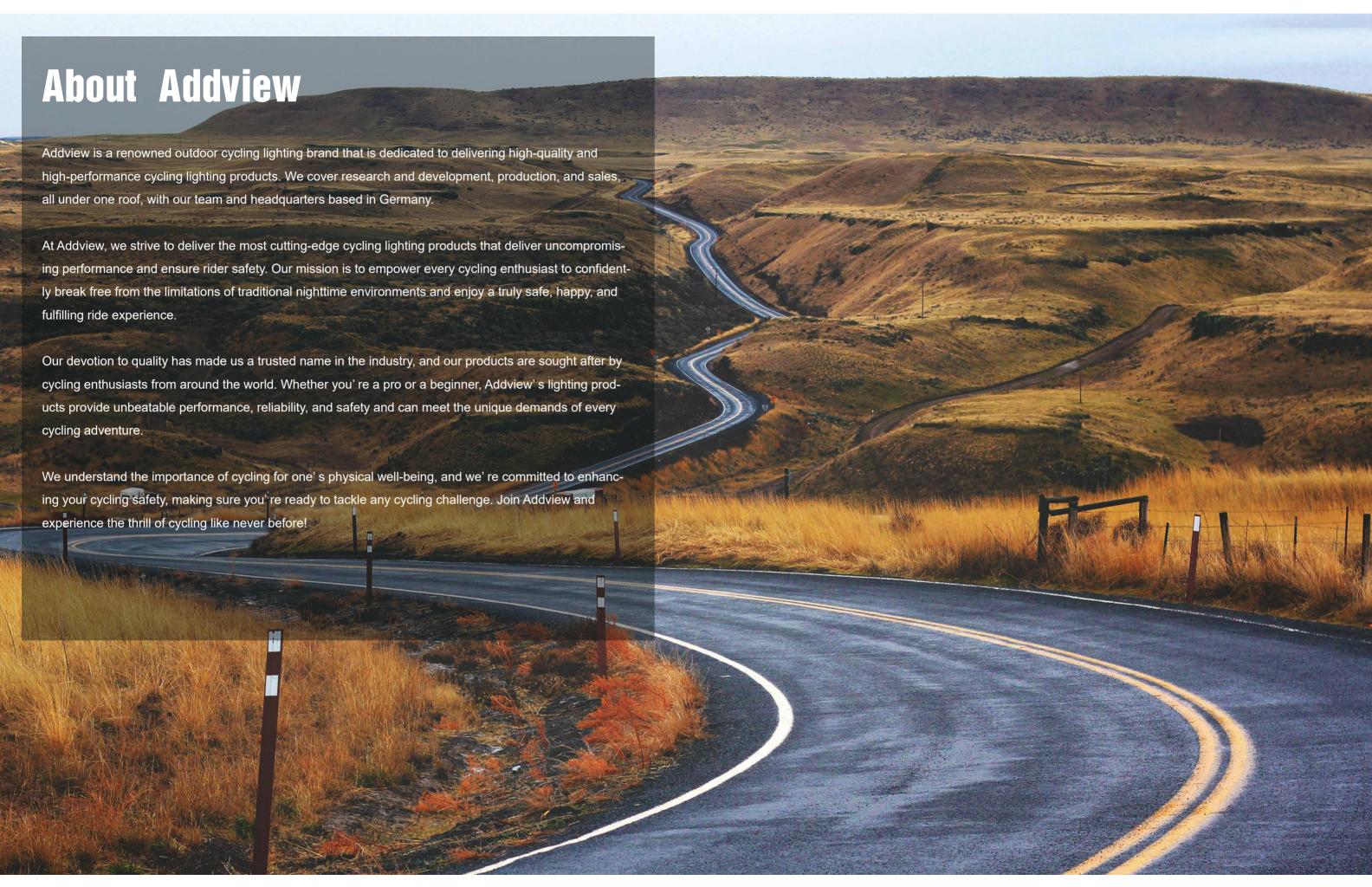
Grena Electronics Gmbh Haynauer Straße 65/67 12249 Berlin Germany www.addview.com





Table of Contents

About Addview	P.03 - 0
Luminance effect	P.05
OEM market	
Hammer E170 & E170 Plus	P.07 - 0
Hammer E120 & M80	P.09 - 1
Hammer E60 & M60	P.11 - 1
Nova E100 & M80	P.13 - 1
Nova E50 & M50	P.15 - 1
Nova E40 & M40	P.17 - 1
Wing E & Wing M	P.19
Stare E & Stare M	P.20
Swallow E & Swallow M	P.21
After market	
Starlight series	P.23 - 2
Spectra series	P.25 - 2
Brilliance series	P.27 - 2
Twins series	P.29 - 3
Illumina series	P.31 - 3



3 | PRODUCTS CATALOG 2023-2024 | 4

Luminance



Nova E40 (40lux)



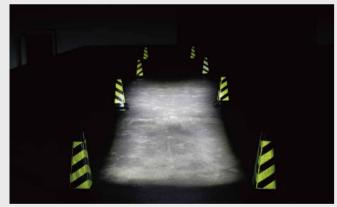
Nova E50 (50lux)



Nova E100 (100lux)



Hammer E60 (60lux)



Hammer E120 (120lux)



Hammer E170 (170lux)

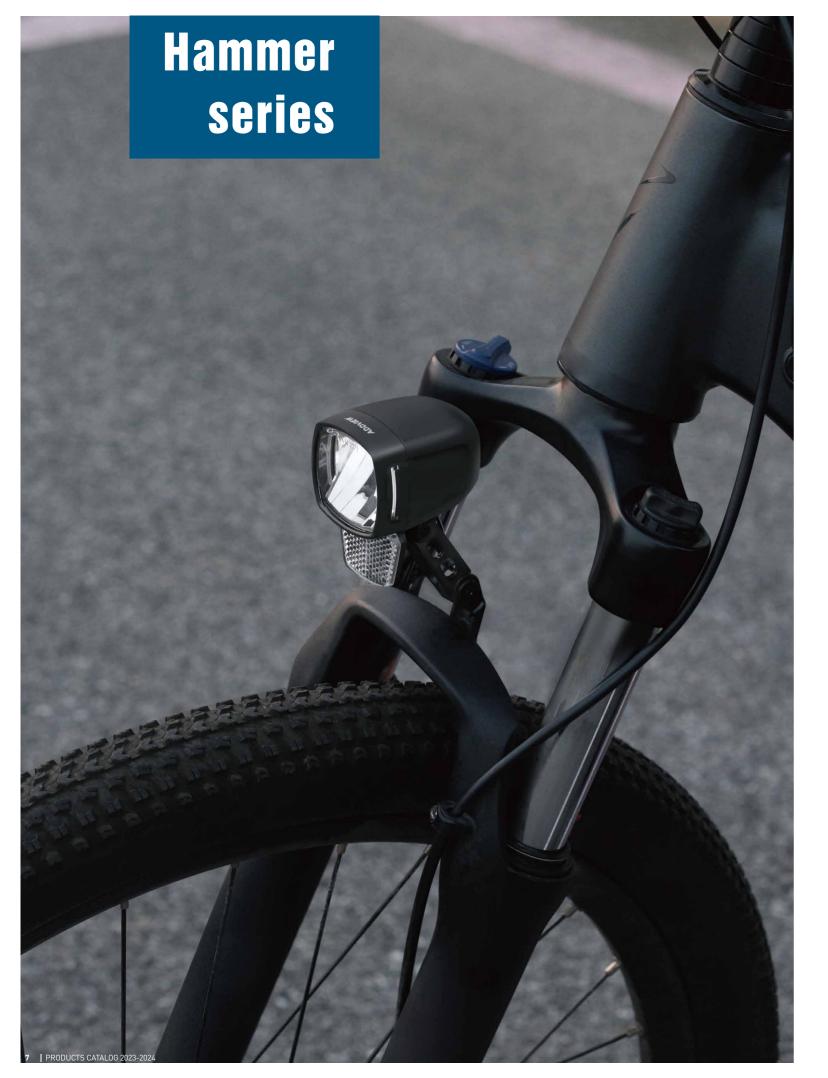


Hammer E170 Plus (low beam:150lux)



Hammer E170 Plus (high beam:180lux)









Hammer E170

Hammer E170 is a E-bike light featuring the unique StVZO-compliant optical lens with a strong output of 170 Lux which has a wide field of light with extra close-range illumination. The aluminum housing is the guarantee of our perfect product quality and it is a sign of high-end product in the market and the lateral lighting design greatly increases safety for users in the night.

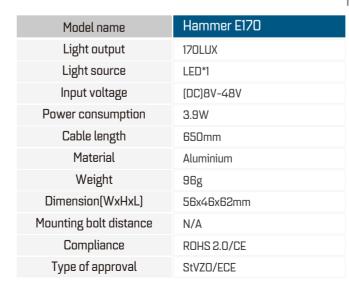














Hammer E170 Plus

Hammer E170 Plus is the upgrade E-bike version of Hammer E170 with additional high low beam technology. The light output of high beam mode is 180 lux while low beam mode is 150 lux. It offers a perfect solution for each type of bicycle and for every cyclist. Its clear cut-off line at the edge of lighting beam ensures the light field is non-blind for other road users. Lateral light outlets significantly increase visibility and the safety of the cyclist. The high quality aluminum housing makes Hammer E170 Plus







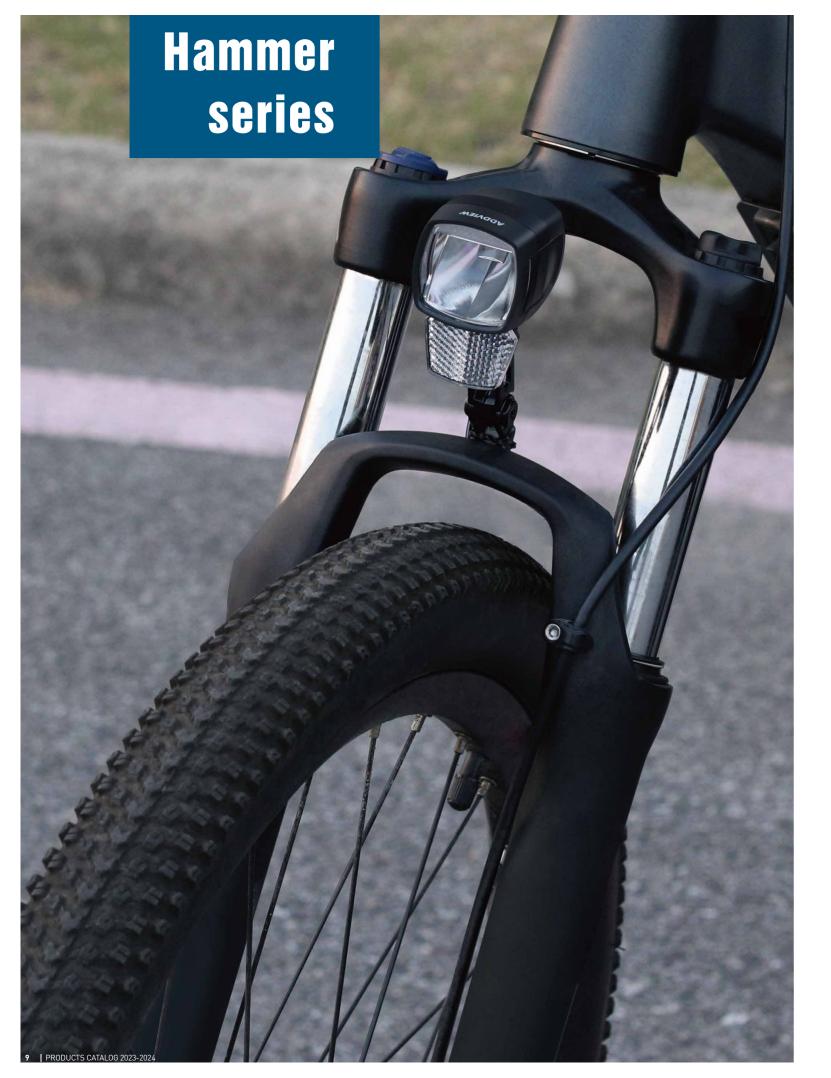








Model name	Hammer E170 Plus
Light output	High beam:180LUX Low beam:150LUX
Light source	LED*2
Input voltage	(DC)8V-48V
Power consumption	8W
Cable length	Power:650mm Switch:630mm
Material	Aluminium
Weight	118g
Dimension(WxHxL)	56x46x62mm
Mounting bolt distance	ф 22.2
Compliance	ROHS 2.0/CE
Type of approval	StVZO/ECE





Hammer E120

Hammer E120 is a E-bike light featuring an impressive 120 lux together with lastest cut-off line technology. Perfectly with an advanced StVZO-compliant optical lens, the light beam clearly distinguishes the light and shadow parts. The aluminum housing is the guarantee of our perfect product quality and it is a sign of high-end product in the market and the lateral lighting design greatly increases safety for users in the night.













Model name	Hammer E120
Light output	120LUX
Light source	LED*1
Input voltage	(DC)6V-48V
Power consumption	3.7W
Cable length	650mm
Material	Aluminium/ABS
Weight	69g
Dimension(WxHxL)	55x43x58mm
Mounting bolt distance	N/A
Compliance	ROHS 2.0/CE
Type of approval	StVZO/ECE



Hammer M80

Hammer M80 is dynamo-operated with a powerful output of 80 lux and it is well-known for it's harmonious design and smooth integration of electronic and optical elements. The standlight function greatly increases the saftey for cyclists during night. Hammer M80 also features the unique "Auto" lighting mode which will bring cyclists with additional safety while riding. Hammer M80 is supplied with high first class aluminium bracket, ensuring easy mounting on all kinds of bikes.



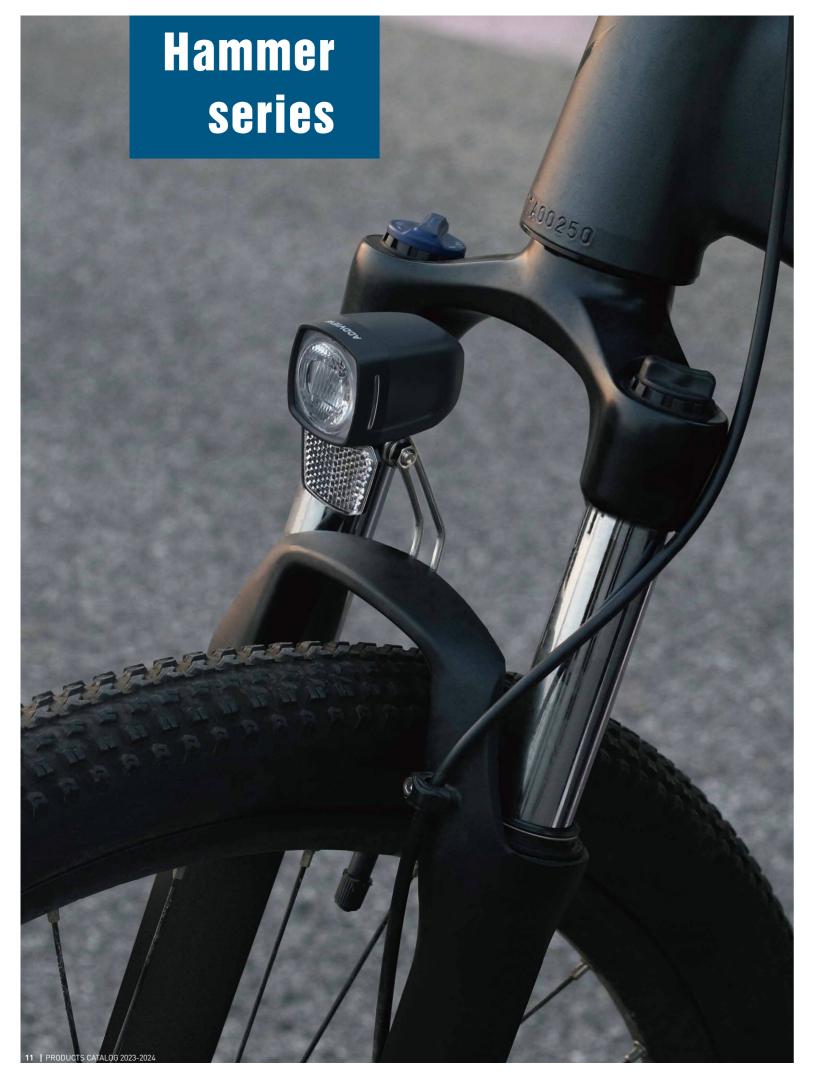








Model name	Hammer M80
Light output	80LUX
Light source	LED*1
Input voltage	(AC)6V
Power consumption	2.4W
Cable length	Cable for rear light:150mm Cable for dynamo:650mm
Material	Aluminium/ABS
Weight	77g
Dimension(WxHxL)	55x43x58mm
Mounting bolt distance	N/A
Compliance	ROHS 2.0/CE
Type of approval	StVZO/ECE







Hammer E60 is a E-bike light and has a strong light output of 60 lux. It is forward-looking designed with quadrate outlooking, which is strong and reliable to cyclists. Automative grade LED, comparing with normal ones, its light efficciency is higher, and the ability of high tem-perature and humidity resistance is much stronger to ensure light's high density and high efficiency illumination. Its clear cut-off line at the edge of lighting beam ensures the light field is non-blind for other road users. Lateral light outlets significantly increase visibility and the safety of











StVZC German approval

Hammer M60

Hammer M60 is dynamo operated which combines sophisticated technology and modern design in one light. Hammer M60 has an illumination intensity of 60 lux, and it will produce a wide field of light with extra close-range illumination. The standlight function provides extra safety. Thanks to a brightness sensor, Hammer M60 automatically switches LED output according to the surroundings automatically.

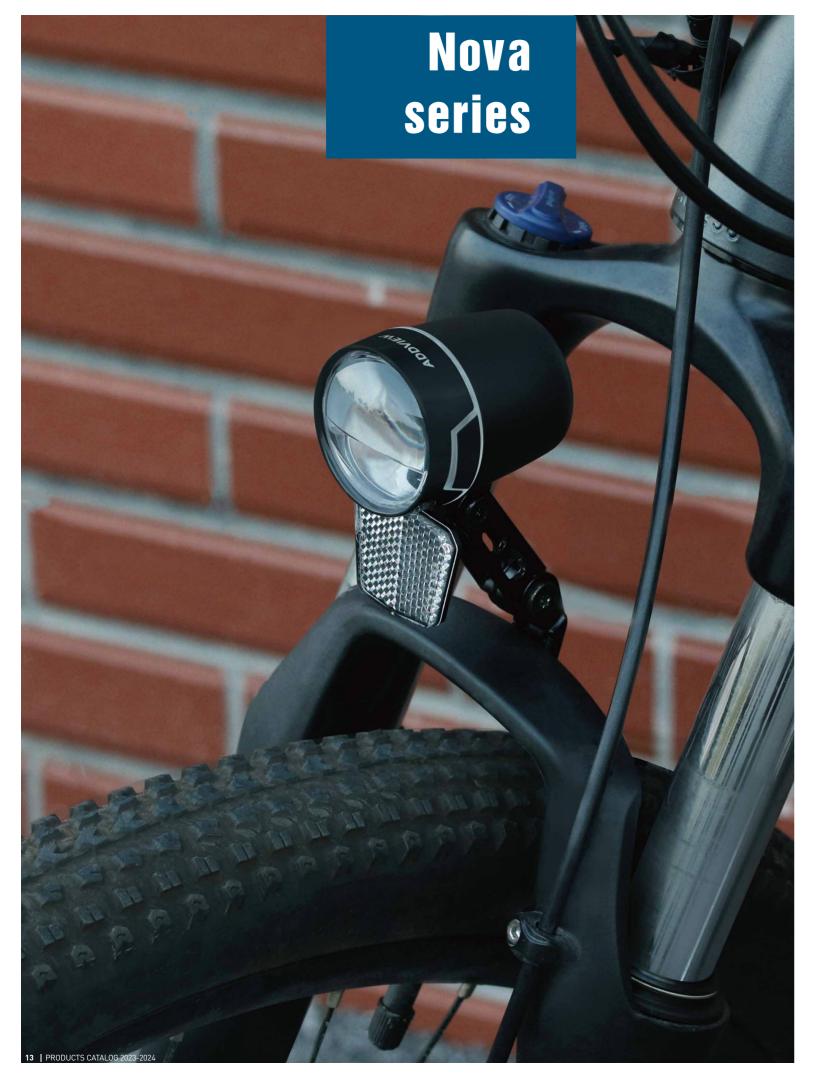








Model name	Hammer E60	Model name	Hammer M60
Light output	60LUX	Light output	60LUX
Light source	LED*1	Light source	LED*1
Input voltage	(DC)6V-48V	Input voltage	(AC)6V
Power consumption	2.4W	Power consumption	2.4W
Cable length	650mm	Cable length	Cable for rear light:150mm Cable for dynamo:650mm
Material	ABS	Material	ABS
Weight	58g	Weight	71g
Dimension(WxHxL)	48x39x38mm	Dimension(WxHxL)	52x39x38mm
Mounting bolt distance	N/A	Mounting bolt distance	N/A
Compliance	ROHS 2.0/CE	Compliance	ROHS 2.0/CE
Type of approval	StVZO/ECE	Type of approval	StVZO/ECE





Nova E100

Nova E100 is a E-bike light and it has a stylish and compact design featuring the unique "Double-lens technology" which results in an impressively strong output of 100 lux. Together with the latest "Cut-off line technology" to provide a non-blinding light beam. Nova E100 offers a combination of an removeable reflector which greatly enhance the safety as it increases the cyclists' sight and visibility for other road users. The aluminum housing is the guarantee of our perfect product quality and it is a sign of high-end product in the market and the lateral lighting design greatly increases safety for users in the night.











Model name	Nova E100
Light output	100LUX
Light source	LED*1
Input voltage	(DC)6V-48V
Power consumption	3W
Cable length	680mm
Material	Aluminium/ABS
Weight	91g
Dimension(WxHxL)	58x47x59mm
Mounting bolt distance	N/A
Compliance	ROHS 2.0/CE
Type of approval	StVZO/ECE





Nova M80

Nova M80 is dynamo-operated and it has a stylish and compact design featuring the unique "Double-lens technology" which results in an impressively strong output of 80 lux. Together with the latest "Cut-off line technology" to provide a non-blinding light beam. The unique daytime running light function and removeable reflector greatly increase the saftey for riders during night. The aluminum housing is the guarantee of our perfect product quality. What's more, the lateral lighting design greatly increases safety for users in the night. Additional standlight function makes riders more visible to other cyclists, reducing the risk of accidents and improving overall road safety.



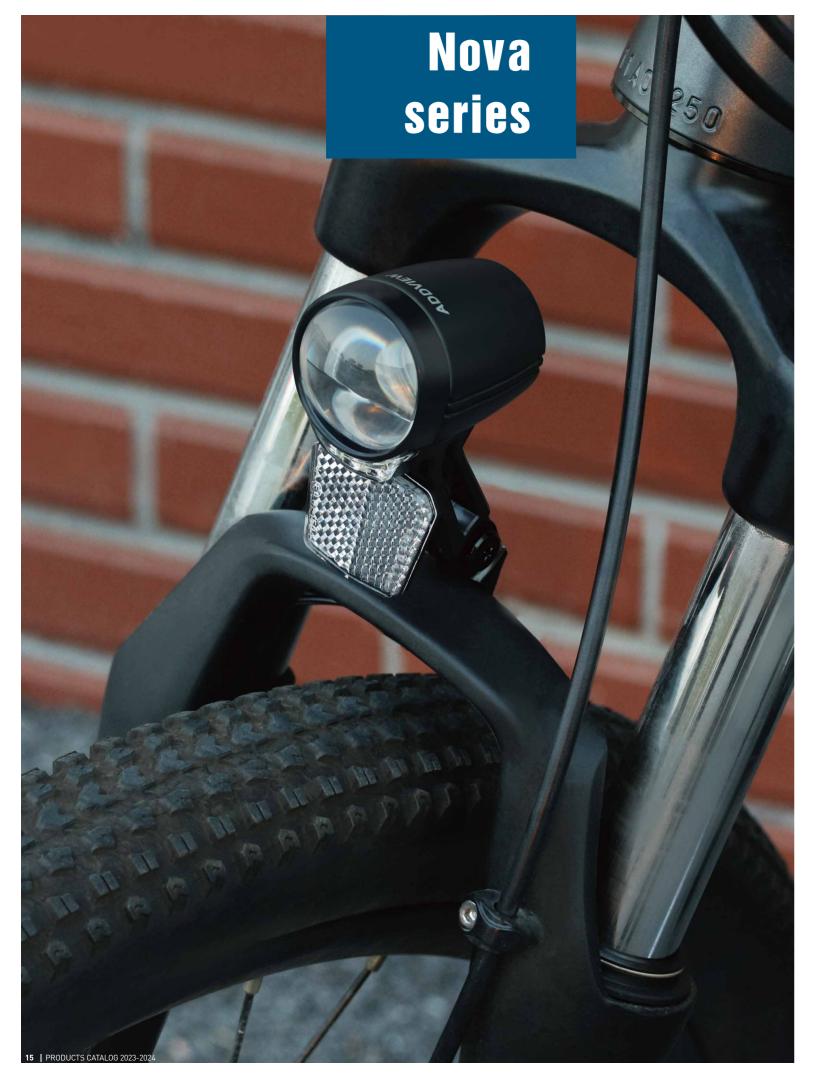








Model name	Nova M80
Light output	80LUX
Light source	Daytime running LED*1 Regular LED*1
Input voltage	(AC)6V
Power consumption	2.4W
Cable length	Cable for rear light:150mm Cable for dynamo:680mm
Material	Aluminium/ABS
Weight	91g
Dimension(WxHxL)	58x47x59mm
Mounting bolt distance	N/A
Compliance	ROHS 2.0/CE
Type of approval	StVZO/ECE





Nova E50

Nova E50 is a E-bike light featuring the unique "Double-lens technology" which results in 50 Lux light output in a bright, but non-blinding light beam. It offers a combination of an removeable reflector which greatly enhance the safety as it increases the riders'sight and visibility for other road users.















Nova M50

Nova M50 is a dynamo-operated light featuring the unique "Double-lens technology" which results in 50 Lux light output in a bright, but non-blinding light beam. It offers a combination of an removeable reflector and daytime running light which greatly enhance the safety as it increases the cyclists' safety.





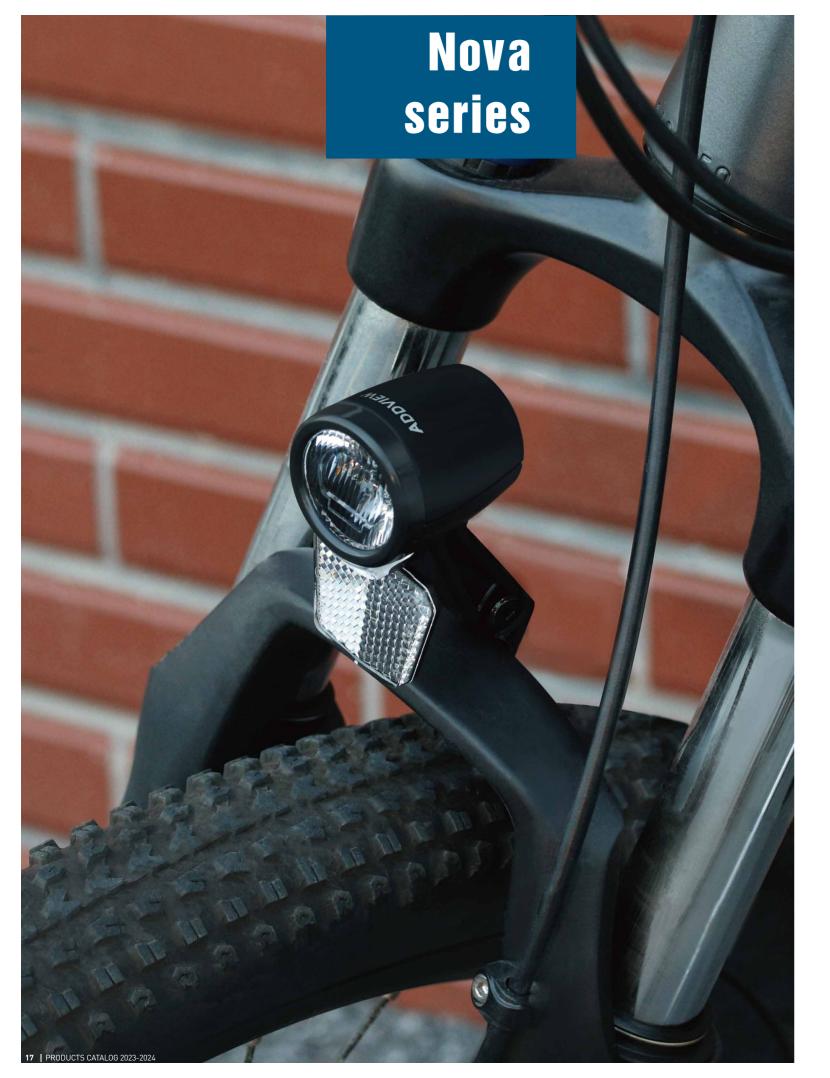








Model name	Nova E50	Model name	Nova M50
Light output	50LUX	Light output	50LUX
Light source	LED*1	Light source	Daytime running LEDs*3 Regular LED*1
Input voltage	(DC)6V-48V	Input voltage	(AC)6V
Power consumption	2.4W	Power consumption	2.4W
Cable length	680mm	Cable length	Cable for rear light:150mm Cable for dynamo:680mm
Material	ABS	Material	ABS
Weight	79g		
		Weight	79g
Dimension(WxHxL)	53x40x77mm	Dimension(WxHxL)	53x40x77mm
Mounting bolt distance	N/A		NI/A
Compliance	ROHS 2.0/CE	Mounting bolt distance	N/A
·		Compliance	ROHS 2.0/CE
Type of approval	StVZO/ECE	Type of approval	StVZO/ECE
		1 y po oi approvat	







Nova E40

Nova E40 is a compact E-bik light. It has a very good price/ performance ratio. It combines a powerful light beam with a very modern and minimalistic shape with an efficient light output of 40 lux. Nova E40 fits perfectly to the design of all types of bicycles like city bikes, trekking bikes.











Nova M40

Nova M40 is a compact dynamo-operated light. It has a very good price/performance ratio. It combines a powerful light beam with a very modern and minimalistic shape with an efficient light output of 40 lux. The unique daytime running light function greatly increases the saftey for cyclists during night. Additional standlight function makes cyclists more visible to others, reducing the risk of accidents and improving overall road











Model name	Nova E40	Model nam
Light output	40LUX	Light output
Light source	LED*1	Light source
Input voltage	(DC)6V-48V	Input voltage
Power consumption	1W	Power consump
Cable length	680mm	Cable length
Material	ABS	Material
Weight	62g	Weight
Dimension(WxHxL)	45x72x36mm	Dimension(Wxl
Mounting bolt distance	N/A	Mounting bolt dis
Compliance	ROHS 2.0/CE	Compliance
Type of approval	StVZO/ECE	Type of approx

1	
Model name	Nova M40
Light output	40LUX
Light source	Daytime running LEDs*2 Regular LED*1
Input voltage	(AC)6V
Power consumption	2.4W
Cable length	Cable for rear light:150mm Cable for dynamo:680mm
Material	ABS
Weight	62g
Dimension(WxHxL)	45x72x36mm
Mounting bolt distance	N/A
Compliance	ROHS 2.0/CE
Type of approval	StVZO/ECE





































Wing E is E-bike version and is designed to fit the trend to lighter and slimmer looking bikes perfectly. When brake the bicycle, 2 super bright LEDs will be on together to remind cyclists behind.

Wing M

Wing M is a dymano-operated light using lightguade technology, which makes sure that the light distribution is at the optimal safety level. The standlight function also greatly increases the saftey for other cyclists during night.

Model name	Wing E	Wing M
Light source	LED*3	LED*1
Input voltage	(DC)6-60V	(AC)6V
Power consumption	1.1W	0.6W
Cable length	N/A	N/A
Material	ABS	ABS
Weight	35g	38g
Dimension(WxHxL)	105x35x24mm	105x35x24mm
Mounting bolt distance	50mm and 80mm	50mm and 80mm
Compliance	ROHS 2.0/CE	ROHS 2.0/CE
Type of approval	StVZO/ECE/Z-reflector	StVZO/ECE/Z-reflector



Stare E is a E-bike carrier light and features a super bright COB LED(21 chips). The special stop light function will trigger a stop signal during the braking process which will provide more safety for cyclists.

Stare M

Stare M is dynamo-operated with 3 super bright LEDs. The special stop light function will trigger a stop signal during the braking process which will provide more safety for cyclists.

Model name	Stare E	Stare M
Light source	COB (21chips)+2 LEDs	LED*3
Input voltage	(DC)6-48V	(AC)6V
Power consumption	2.2W	0.6W
Cable length	N/A	N/A
Material	ABS	ABS
Weight	38g	42g
Dimension(WxHxL)	103x16x38mm	103x16x38mm
Mounting bolt distance	80mm (customized for 50mm)	80mm (customized for 50mm)
Compliance	ROHS 2.0/CE	ROHS 2.0/CE
Type of approval	StVZO/ECE/Z-reflector	StVZO/ECE/Z-reflector

19 | PRODUCTS CATALOG 2023-2024 PRODUCTS CATALOG 2023-2024 | 20





















Swallow E is a very compact E-bike carrier light. The perfect compact size makes Swallow E suitable for almost every luggage carrier.

Swallow M

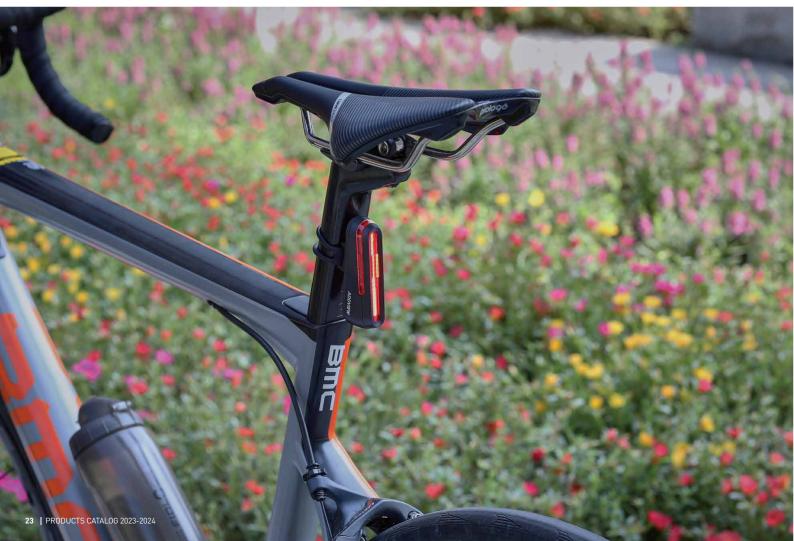
Swallow M is dynamo-operated carrier light. The perfect compact size makes Swallow M suitable for almost every luggage carrier. The standlight function also greatly increases the saftey for cyclists during night.

Model name	Stare E	Stare M
Light source	LED*1	LED*1
Input voltage	(DC)6-12V	(AC)6V
Power consumption	0.45W	0.6W
Cable length	N/A	N/A
Material	ABS	ABS
Weight	35g	35g
Dimension(WxHxL)	111x36x39mm	111x36x39mm
Mounting bolt distance	80mm (customized for 50mm)	80mm (customized for 50mm)
Compliance	ROHS 2.0/CE	ROHS 2.0/CE
Type of approval	StVZO/ECE/Z-reflector French Approval	StVZO/ECE/Z-reflector French Approval



21 | PRODUCTS CATALOG 2023-2024 PRODUCTS CATALOG 2023-2024 | 22







Starlight front

Starlight front has 1 high-power LED with a powerful output of 70lux applying latest cut-off line technology to provide nonblinding light beam. It features the unique "Auto" lighting mode which results in the longest possible burning time with sufficient light power by an integrated intelligent brightness sensor. Special mode display 5.with battery indicator and function mode indicator.

















Starlight rear

Starlight rear, powerful and designed in a very innovative and modern way. It fits perfectly to any MTB, trekking bike or other sportive bikes. Most unique element of this light is that it features the automatic wake-up function, in this way light will switch to sleep mode after standing still for 4 minutes, and will return to the original mode after sensing the vibration.













Model name	Starlight front	Model name	Starlight rear
Light output	70LUX	Light output	6CD
Beam range(m)	170m	Beam range(m)	60m
Light source	LED*1	Light source	COB(20 Chips)
Battery	3.7V/1800mAh	Battery	3.7V/500mAh
Charging time	4-5hrs	Charging time	2-3hrs
Max burning time	16hrs	Max burning time	4hrs
Material	ABS	Material	ABS
Weight	115g	Weight	36g
Dimension(WxHxL)	103x48x45mm	Dimension(WxHxL)	81x21x30mm
Compliance	ROHS 2.0/CE	Compliance	ROHS 2.0/CE
Type of approval	StVZO	Type of approval	StVZO









Spectra front has a mat and compact design with 45lux light output. Spectra front has an easy-access button, which means that switching functions is just as easy as breathing. What's more it can be simply mounted and is suited for almost every bicycle due to the flexible bracket.















Spectra rear

Spectra rear is a small but very strong rear light with a mat design. It can be recharged with USB-C cable and is suited for almost every bicycle due to the flexible rubber fastening strap.











Model name	Spectra front	Model name	Spectra rear
Light output	45LUX	Light output	7CD
Beam range(m)	120m	Beam range(m)	80m
Light source	LED*1	Light source	LED*1
Battery	3.7V/1800mAh	Battery	3.7V/220mAh
Charging time	5-5.5hrs	Charging time	3hrs
Max burning time	24hrs	Max burning time	6hrs
Material	ABS	Material	ABS
Weight	105g	Weight	25g
Dimension(WxHxL)	109x40x39mm	Dimension(WxHxL)	39x32x37mm
Compliance	ROHS2.0/CE	Compliance	ROHS2.0/CE
Type of approval	StVZO	Type of approval	StVZO







Brilliance front

Brilliance front is a USB rechargeable light with an output of 30 lux. It hsd a flexible rubber fastening bracket by which you can simply mount the light on the handlebar and remove light quickly without any tools.















Brilliance rear

Brilliance rear can be used with 2x AAA batteries, including angle-adjustable bicycle mount for quick and easy installation,tool-free battery replacement and long lifespan with high-performance LED.











StVZC

German approval

Model name	Brilliance front	Model name	Brilliance rear
Light output	30LUX	Light output	6CD
Beam range(m)	110m	Beam range(m)	60m
Light source	LED*1	Light source	LED*1
Battery	3.7V/1200mAh	Battery	SXAAA
Charging time	3-4hrs	Charging time	N/A
Max burning time	7hrs	Max burning time	20hrs
Material	ABS	Material	ABS
Weight	79g	Weight	31g
Dimension(WxHxL)	81x36x30mm	Dimension(WxHxL)	31x60x25mm
Compliance	ROHS2.0/CE	Compliance	ROHS2.0/CE
Type of approval	StVZO	Type of approval	StVZO









Twins series

Twins light set is powerful and designed in a very innovative and modern way meeting the needs of any modern-day cyclist in several ways as it features a USB-rechargeable lithium polymer battery which is good for the environment since there is no need to ever replace your batteries and you can simply use the USB-C cable (supplied with the light) and connect it to your laptop for charging.

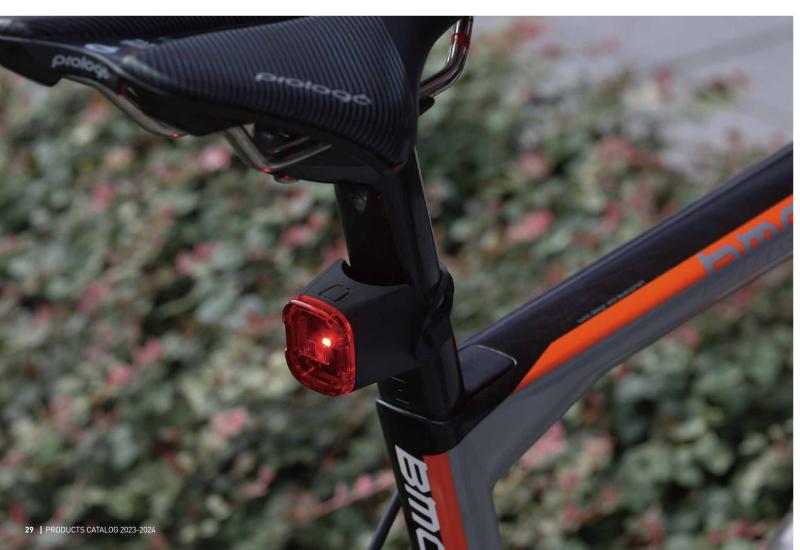








Model name	Twins front	Model name	Twins rear
Light output	40LUX	Light output	5CD
Beam range(m)	130m	Beam range(m)	50m
Light source	LED*1	Light source	LED*1
Battery	3.7V/550mAh	Battery	3.7V/240mA
Charging time	2.5hrs	Charging time	2hrs
Max burning time	3.5hrs	Max burning time	6hrs
Material	ABS	Material	ABS
Weight	46g	Weight	31g
Dimension(WxHxL)	98x50x39mm	Dimension(WxHxL)	98x45x35mm
Compliance	ROHS2.0/CE	Compliance	ROHS2.0/CE
Type of approval	StVZO	Type of approval	StVZO



Illumina series







Illumina series

Illumina has a compact design and is with high silicone tenacity. Illumina also has a long and competitive battery burning time(≥240 hours) to make sure cyclists can enjoy riding bikes without worrying about the remaining battery. It fits almost every bicycle due to the flexible rubber fastening strap.







Model name	Illumina front	Model name	Illumina rear
Light output	15lumen	Light output	4lumen
Beam range(m)	22.2-31.8mm	Beam range(m)	22.2-31.8mm
Light source	LED*1	Light source	LED*1
Battery	CR2032x2	Battery	CR2032x2
Max burning time	240hrs	Max burning time	240hrs
Material	ABS+Silicone	Material	ABS+Silicone
Weight	25g	Weight	25g
Dimension(WxHxL)	45x32x28mm	Dimension(WxHxL)	45x32x28mm
Compliance	ROHS2.0/CE	Compliance	ROHS2.0/CE
Type of approval	Denmark approval	Type of approval	Denmark approval

