

SATE·LITE
Safety at the Speed of Light

Sate-Lite(Foshan)Plastics Co.,Ltd.
www.satelitebikelight.com

E-BIKE & BICYCLE LIGHTS



ABOUT US

Sate-Lite (Foshan) Plastics Co., Ltd. wholly-owned by Deflect-o LLC from United States, is a leading producing manufacturer safety products, bike reflectors and bike lights. Sate-Lite's customers come from North America, Europe, Asia, Australia and other places covering more than 70 countries and regions. We possess an advanced optical product developmentteam and premium optical detection equipments so that we are capable of manufacturing different products conforming to the international safety standards. Meanwhile,customers' needs can be satisfied in different markets.





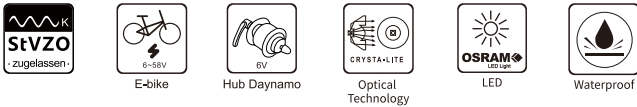
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E-bike & Bicycle Front Lights

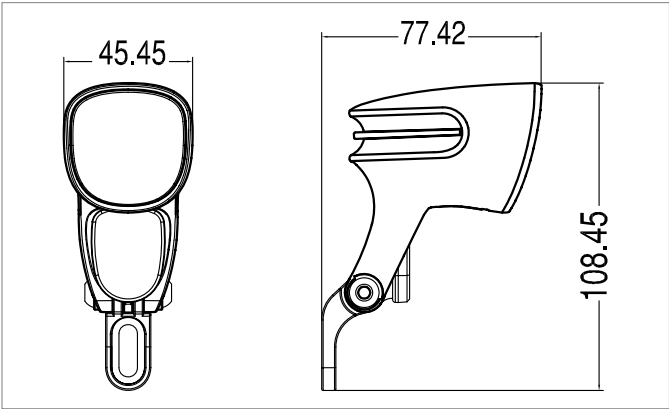
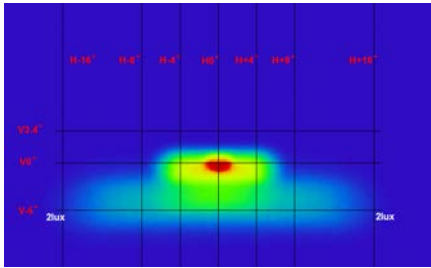
C7

Bike Light Certification	StVZO,ISO 6742-1,CE,RoHS
Reflector Certification	ECE
Power Supply	Hub dynamo/Ebike/Escooter
Visibility	35m
LED Specification	OSRAM LED
Luminous Intensity	50 lux
Voltage	6V-58V
Waterproof	IPX5
Material	ABS,PMMA,Aluminum
Weight	96g
Dimension	45x77x108mm
Cable Length	1/1.2/2m
Wattage	1.8W



50_{LUX}

NEW



80 LUX

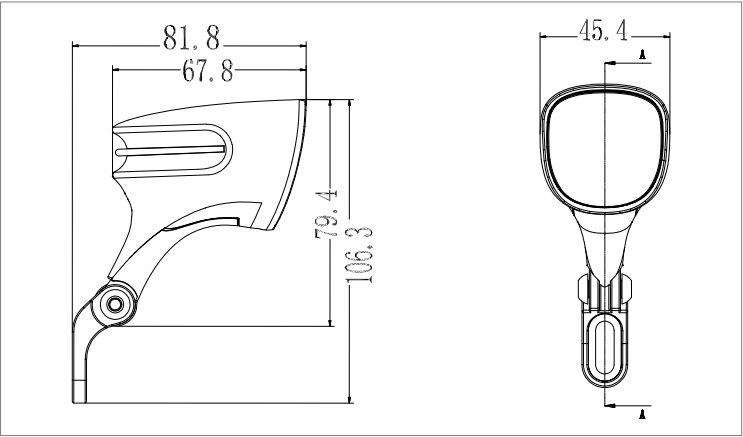
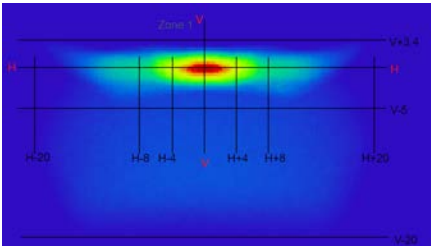
NEW

C7 PLUS

Certification	StVZO,ECE,ISO 6742-1,CE ,RoHS
Power Supply	Ebike/Escooter
Visibility	35m
LED Specification	OSRAM LED
Luminous Intensity	80 lux
Voltage	12V-58V
Waterproof	IPX5
Material	ABS,PMMA,Aluminum
Weight	88g
Dimension	45.4x81.8x106.3mm
Cable Length	1/1.2/2m
Wattage	3W



Additional Reflector





C7 SUPER

Certification	StVZO,ISO 6742-1,CE,RoHS
Power Supply	Ebike/Escooter
Visibility	35m
LED Specification	OSRAM LED
Luminous Intensity	110 lux
Voltage	12V-58V
Waterproof	IPX5
Material	ABS,PMMA,Aluminum
Weight	131g
Dimension	45.2x93.6x117.6mm
Cable Length	1/1.2/2m
Wattage	3.5W



110 LUX

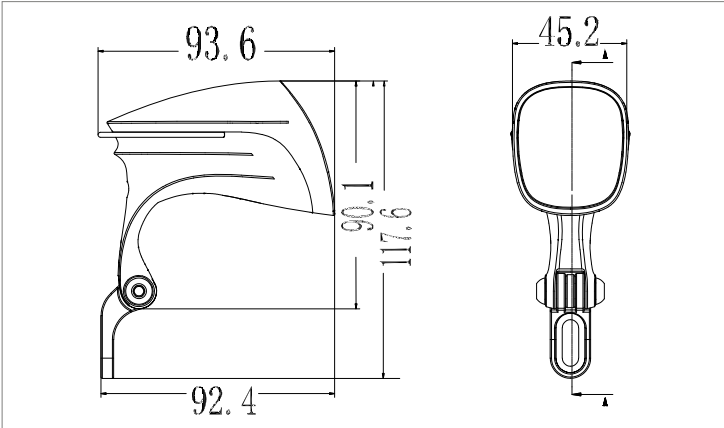
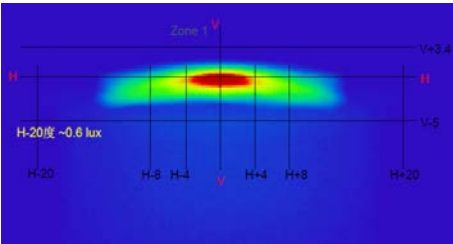


reddot winner 2021

NEW

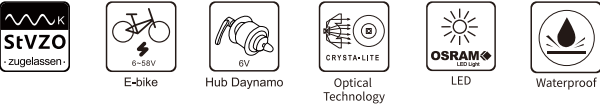


Additional Reflector



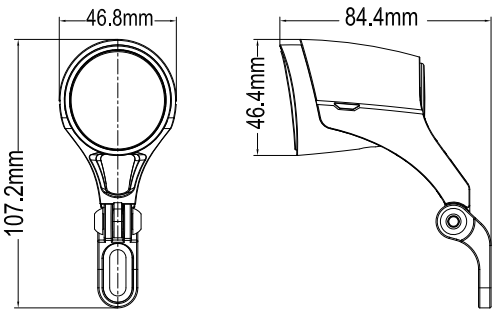
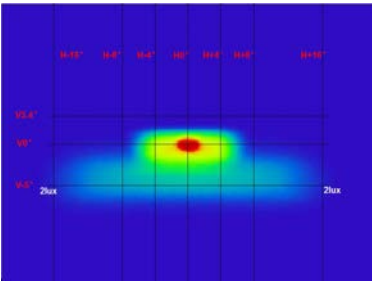
C8

Certification	StVZO,ISO 6742-1,CE,RoHS
Power Supply	Hub dynamo/Ebike/Escooter
Visibility	35m
LED Specification	OSRAM LED
Luminous Intensity	50 lux
Voltage	6V-58V
Waterproof	IPX5
Material	ABS,PMMA,Aluminum
Weight	87g
Dimension	46.8x84.4x107.2mm
Cable Length	1/1.2/2m
Wattage	1.8W



50_{LUX}

NEW



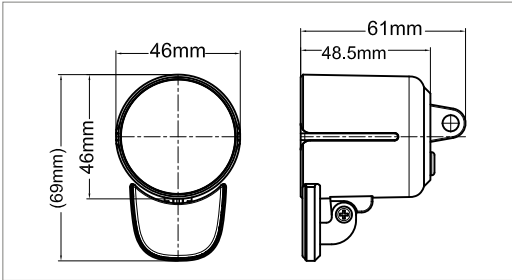
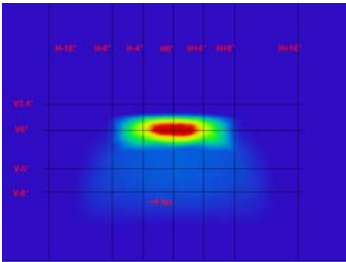
C11

Bike Light Certification	StVZO,ECE,CE,RoHS
Reflector Certification	ECE,CE,RoHS
Power Supply	Ebike/Escooter
Visibility	35m
LED Specification	OSRAM LED
Luminous Intensity	60lux
Voltage	6V-58V
Waterproof	IPX5
Material	ABS,PMMA,Aluminum
Weight	55g
Dimension	46x69x61mm
Cable Length	1/1.2/2m
Wattage	2.4W



60lux

NEW





C12

Certification	ECE R113 B class,ECE R50,DOT
Power Supply	Ebike
Low Beam	400 lm,5W
High Beam	370 lm,5W
Position Light	3W
Voltage	6V, 12V, 8-80V
Waterproof	IPX5
Material	ABS,PMMA,Aluminum
Weight	550g
Dimension	140x68.5x140mm



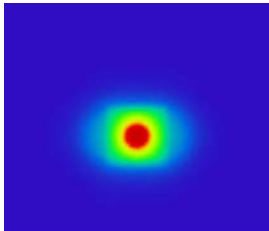
E-bike



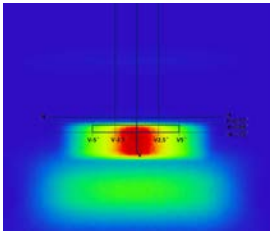
Waterproof



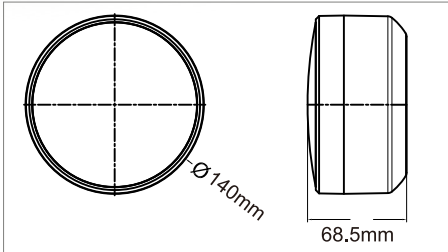
Optical Technology



High Beam



Low Beam



High Beam

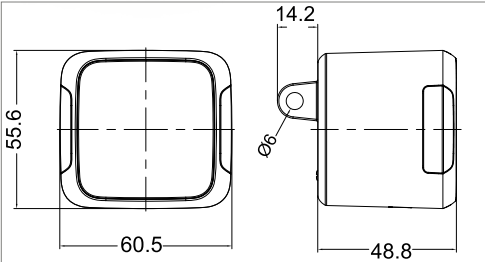
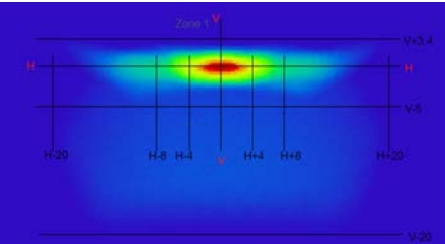


Low Beam



C13

Certification	StVZO,ECE,CE, RoHS
Power Supply	Ebike
Visibility	35m
LED Specification	OSRAM LED
Luminous Intensity	100 lux
Voltage	6V-58V
Waterproof	IPX5
Material	ABS,PMMA,Aluminum
Weight	110g
Dimension	55.6x60.5x48.8mm
Cable Length	1/1.2/2m
Wattage	3W





C4000

Certification	CE,RoHS
Power Supply	Ebike/Escooter
Visibility	35m
LED Specification	CREE LED
Luminous Intensity	60 lux
Voltage	6-48V
Waterproof	IPX5
Material	ABS,PMMA
Weight	90g
Dimension	55.4x36.7x34.6mm
Cable Length	1/1.2/2m
Wattage	1.8W



E-bike



E-scooter



Optical Technology



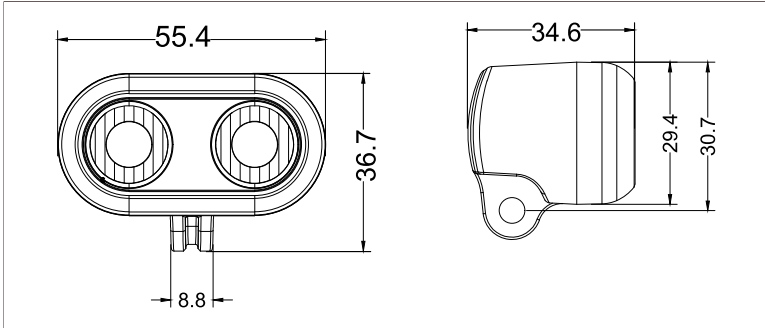
Waterproof



LED

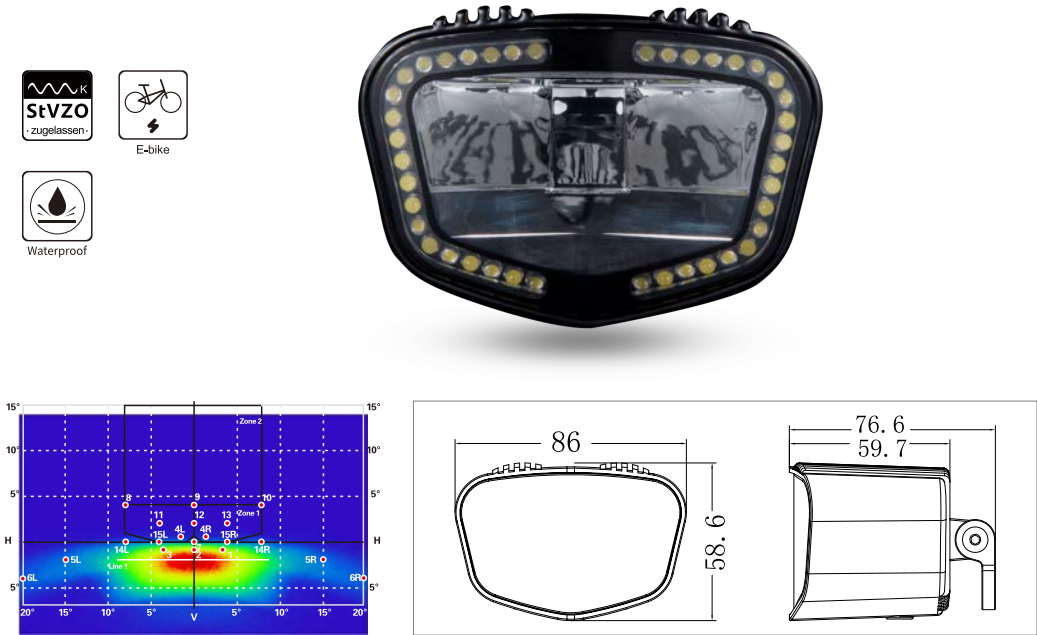
60 lux

NEW



SPL-01

Low beam	540lm,110lux
Wattage low beam	8.6W
High beam	1890lm,385lux
Wattage high beam	30.8W
Daytime running light	40 Power LEDs
Wattage	3.6 W
Input voltage	12V-55V
Communication	n/a
Signal processing	High beam,Low beam
Approvals	CE,RoHS
LED types	9 automotive LEDs
L x W x H	86 x 59 x 76mm
Weight	210g
Color	Matting black



SPL-01 ECE Version

Low beam	180lux
Wattage low beam	8.6W
Daytime running light	40 Power LEDs
Wattage	3.6 W
Input voltage	12V-55V
Communication	n/a
Signal processing	Low beam
Approvals	ECE R113,ECE R87,CE,RoHS
LED types	3 automotive LEDs
L x W x H	86 x 59 x 76mm
Weight	210g
Color	Matting black

SPL-01 StVZO Version

Low beam	100lux
Wattage low beam	8.6W
Daytime running light	40 Power LEDs
Wattage	3.6 W
Input voltage	12V-55V
Communication	n/a
Signal processing	Low beam
Approvals	StVZO,CE,RoHS
LED types	3 automotive LEDs
L x W x H	86 x 59 x 76mm
Weight	210g
Color	Matting black

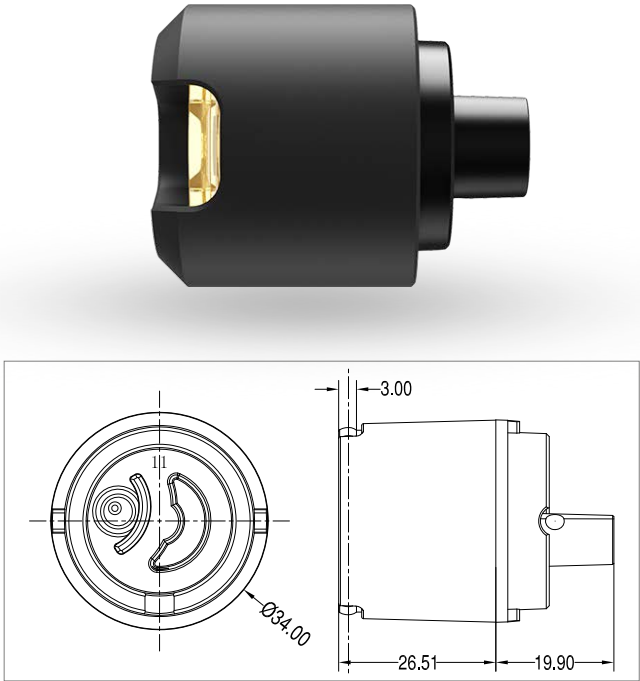


D1

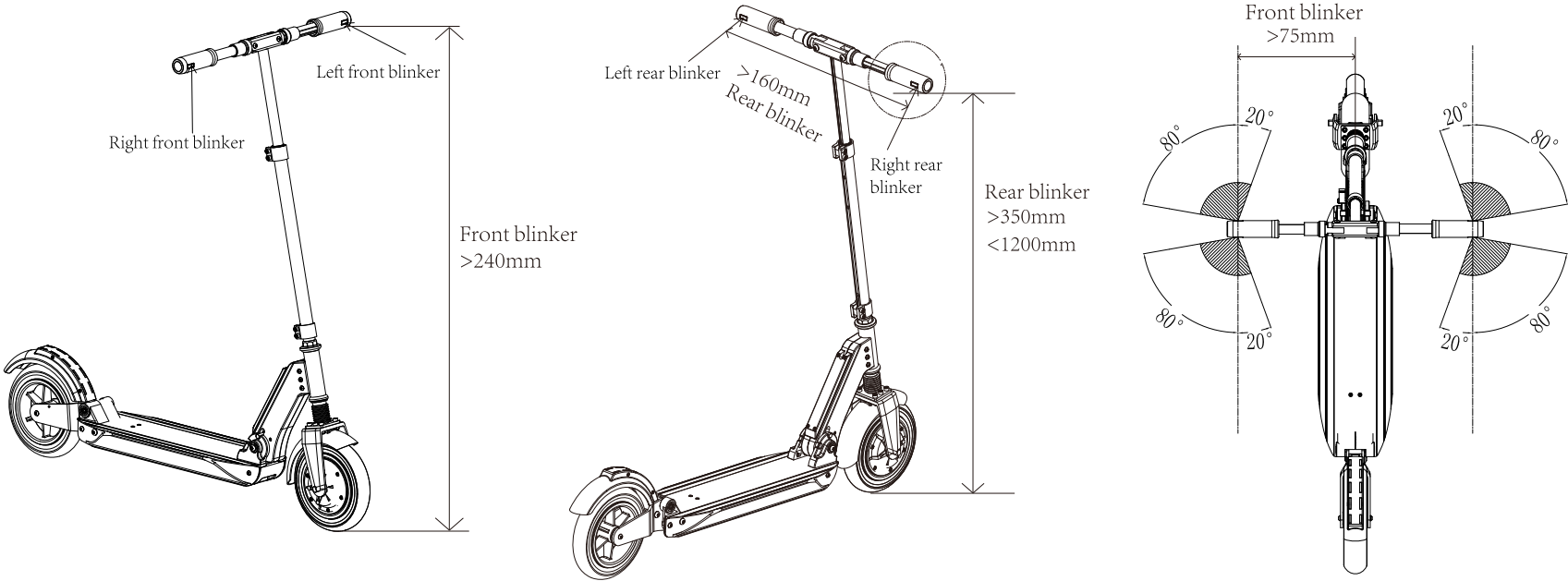
Certification	ECE R50,ECE R74,CE ,RoHS
Power Supply	Escooter
Visibility	220°
LED Specification	CREE LED
Luminous Intensity	90 Cd
Voltage	6V-58V
Waterproof	IPX5
Material	PC
Weight	30g
Dimension	34x46.41x34mm
Cable Length	1.2m
Wattage	2W



ECE R50



Installation Method



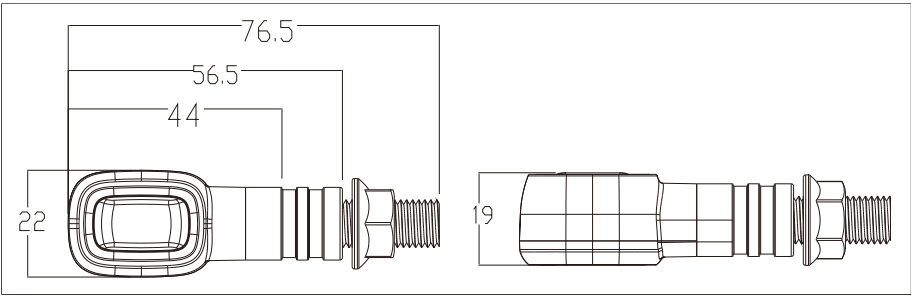
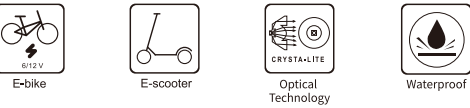
According ECE R74 Regulation 2.8.3.2. , the installation height of rear blinker should be among 350~1200mm above the ground

Escooter Direction Indicator



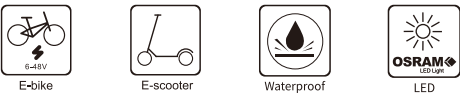
D2

Certification	CE,RoHS
Power Supply	Ebike/Escooter
Visibility	35m
LED Specification	Premium LED
Voltage	6/12V
Waterproof	IPX5
Material	ABS,PMMA
Weight	25g
Dimension	22x19x76.5mm
Cable Length	1/2m
Wattage	0.6W

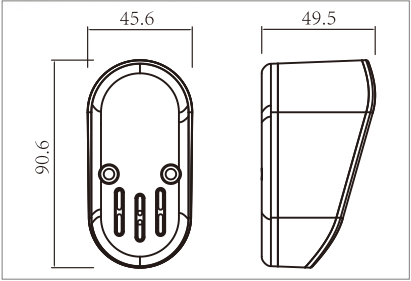
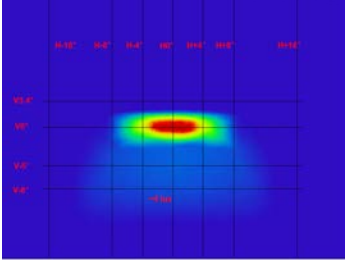


C10-LB

Bike Light Certification	ECE,ISO 6742-1,CQC
Power Supply	Ebike/Escooter
Visibility	35m
LED Specification	OSRAM LED
Luminous Intensity	60lux
Voltage	6V-48V
Waterproof	IPX5
Material	ABS,PMMA,Aluminum
Weight	80g
Dimension	45.6x49.5x90.6mm
Cable Length	1/1.2/2m
Wattage	2.5W



60 LUX

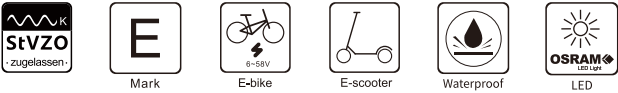


Integrated Horn

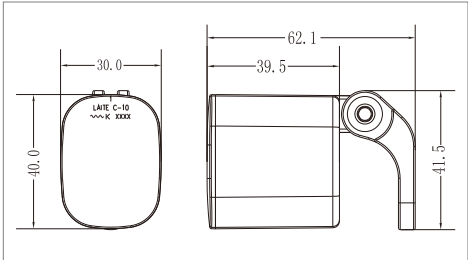
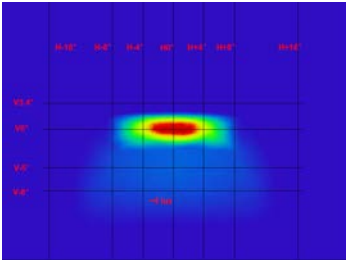
NEW

C10

Certification	StVZO,ECE,ISO 6742-1,CE, RoHS
Power Supply	Ebike/Escooter
Visibility	35m
LED Specification	OSRAM LED
Luminous Intensity	60 lux
Voltage	6V-58V
Waterproof	IPX6
Material	ABS,PMMA,Aluminum
Weight	35g
Dimension	30x39,5x41.5mm
Cable Length	1/1.2/2m
Wattage	1.8W

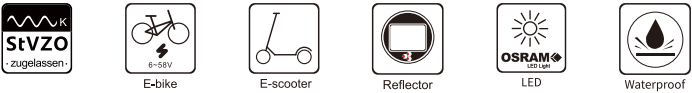


60 LUX

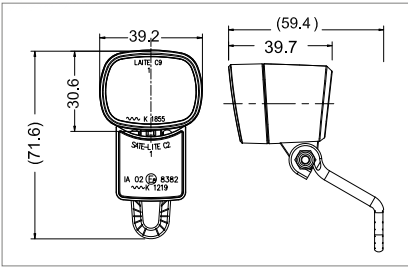
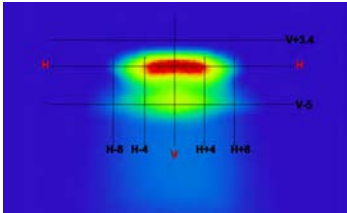


C9

Bike Light Certification	StVZO,ISO 6742-1,CE ,RoHS
Reflector Certification	StVZO,ISO 6742-2,ECE,RoHS
Power Supply	Ebike/Escooter
Visibility	35m
LED Specification	OSRAM LED
Luminous Intensity	30 lux
Voltage	6V-58V
Waterproof	IPX6
Material	ABS,PMMA,Aluminum
Weight	50g
Dimension	39.2x30.6x71.6mm
Cable Length	1/1.2/2m
Wattage	1.8W

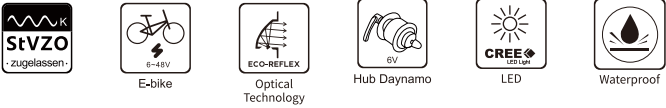


30 LUX

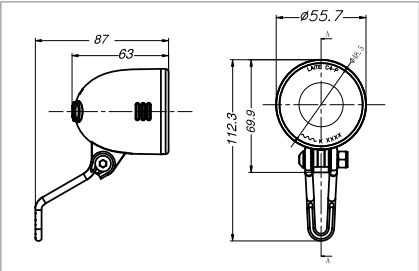
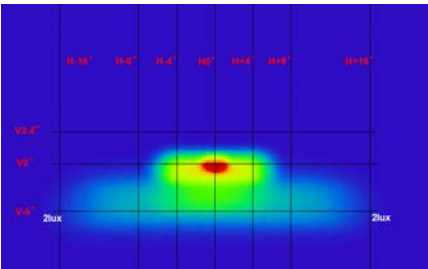


C4-P

Bike Light Certification	StVZO,ISO 6742-1,CE ,RoHS
Reflector Certification	StVZO,ECE
Power Supply	Hub dynamo/Ebike/Escooter
Visibility	35m
LED Specification	OSRAM LED
Luminous Intensity	50 lux
Voltage	6V-58V
Waterproof	IPX5
Material	ABS,PMMA,Aluminum
Weight	70g
Dimension	55.7x63x112.3mm
Cable Length	1/1.2/2m
Wattage	1.8W

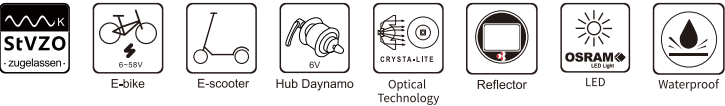


50 LUX



C6

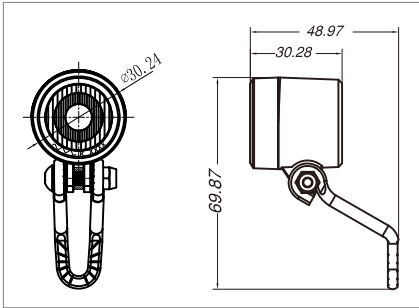
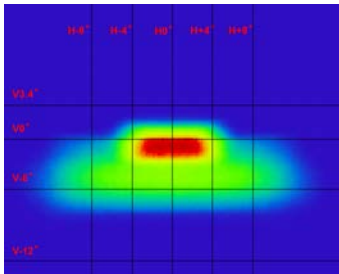
Bike Light Certification	StVZO,ISO 6742-1,CE ,RoHS
Reflector Certification	StVZO,ISO 6742-2,ECE,RoHS
Power Supply	Hub dynamo/Ebike/Escooter
Visibility	35m
LED Specification	OSRAM LED
Luminous Intensity	20 lux
Voltage	6v~58v
Waterproof	IPX6
Material	ABS,PMMA,Aluminum
Weight	30g
Dimension	26x49x70mm
Cable Length	1/1.2/2m
Wattage	1.2W



20 LUX

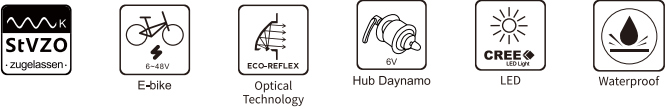


NEW

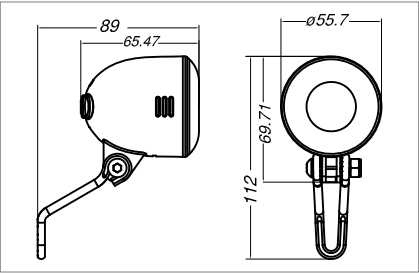
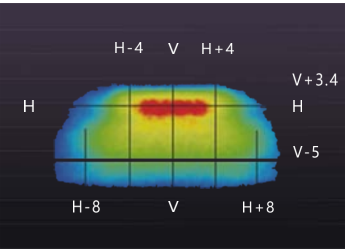


C4

Certification	StVZO,CE, RoHS
Power Supply	Hub dynamo/Ebike/Escooter
Visibility	150m
LED Model	XPE2
Luminous Intensity	40 lux
Waterproof	IPX5
Voltage	6V-48V
Material	ABS,PMMA,Aluminum
Weight	70g
Dimension	112x89x55.7mm
Cable Length	1/1.2/2m
Optional port	110/SM
Wattage	1.2W

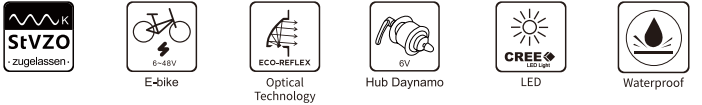


40 LUX



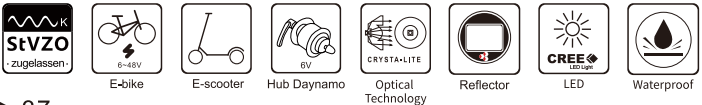
C1

Bike Light Certification	StVZO,ISO 6742-1,CE, RoHS
Reflector Certification	StVZO,ECE,RoHS
Power Supply	Hub dynamo/Ebike/Escooter
Visibility	70m
LED Specification	CREE XP E2
Luminous Intensity	40 lux
Voltage	6V-48V
Waterproof	IPX5
Material	ABS,PMMA,Aluminum
Weight	95g
Dimension	55x89x113 mm
Cable Length	1/1.2/2m
Wattage	1.2W

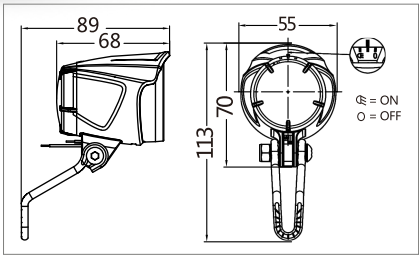
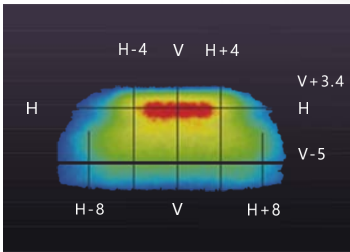


C2

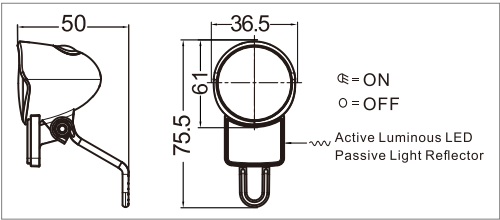
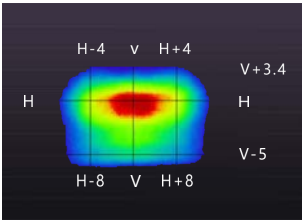
Bike Light Certification	StVZO,ISO 6742-1,CE ,RoHS
Reflector Certification	StVZO,ISO 6742-2,ECE,RoHS
Power Supply	Hub dynamo/Ebike/Escooter
Visibility	35m
LED Specification	CREE XPC
Luminous Intensity	15 lux
Voltage	6V-48V
Waterproof	IPX4
Material	ABS,PMMA,Aluminum
Weight	35g
Dimension	36.5x50x75.5mm
Cable Length	1/1.2/2m
Wattage	1W



40
lux



15
lux



C3

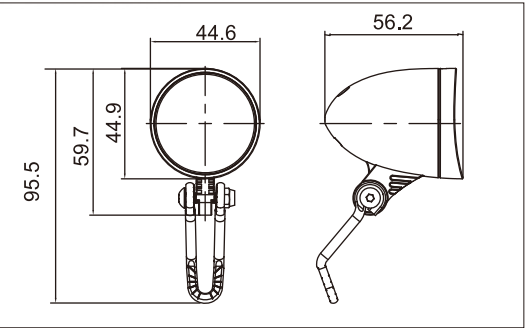
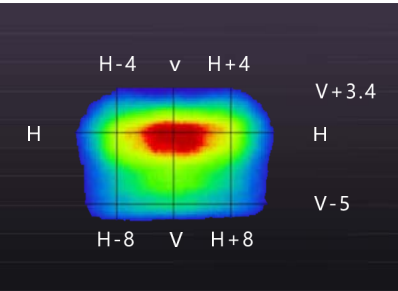
Power Supply	Hub dynamo/Ebike
Visibility	150m
LED Model	Premium LED
Luminous Intensity	20 lux
Voltage	6V-12V
Waterproof	IPX4
Material	ABS,PMMA,Aluminum
Weight	33g
Dimension	44.6x56.2x95.5mm
Cable Length	0.5m
Optional port	110/SM
Wattage	0.8W



20
lux

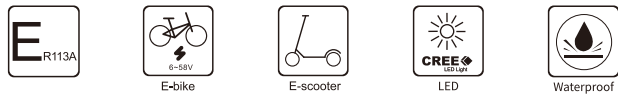


SPECIAL
PRICE

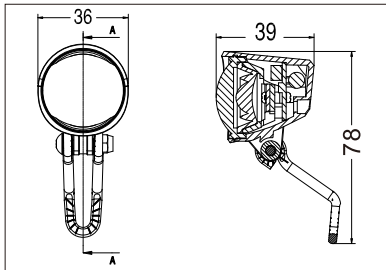
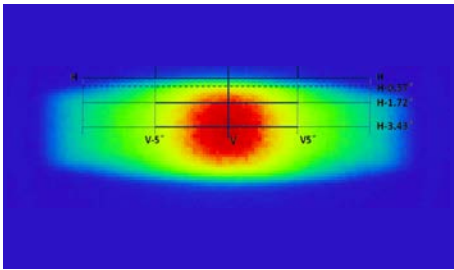


C2-ECE

Bike Light Certification	ECE R113 A,CE,RoHS
Power Supply	Ebike/Escooter
Visibility	35m
LED Specification	CREE LED
Luminous Intensity	50 lux
Voltage	6V-58V
Waterproof	IPX4
Material	ABS,PMMA,Aluminum
Weight	24g
Dimension	36x39x78mm
Cable Length	1/1.2/2m
Wattage	2W



50 LUX

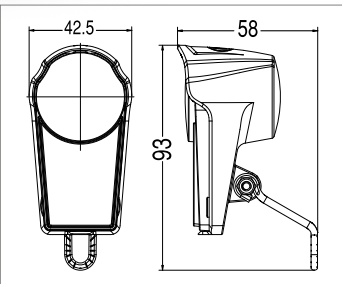
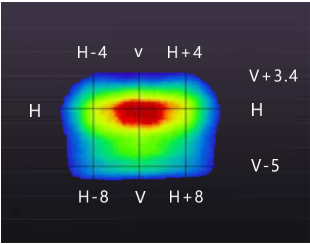


G1

Bike Light Certification	StVZO, CE,RoHS
Reflector Certification	StVZO,ECE,RoHS
Power Supply	Hub dynamo/Ebike/Escooter
Visibility	35m
LED Model	CREE LED
Luminous Intensity	15 lux
Waterproof	IPX4
Voltage	6V-48V
Material	ABS,PMMA,Aluminum
Weight	48g
Dimension	42.5x58x93mm
Cable Length	1/1.2/2m
Optional port	110/SM
Wattage	1.1W



15 LUX

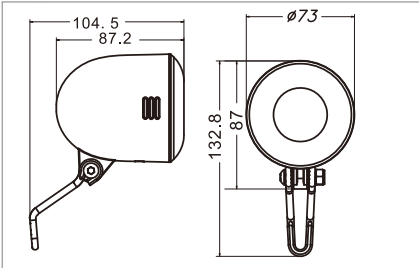
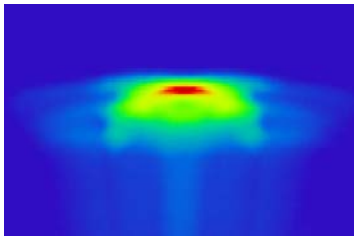


C5

Certification	StVZO, CE, RoHS
Power Supply	Ebike/Escooter
Visibility	150m
LED Model	CREE LED
Luminous Intensity	70 lux
Waterproof	IPX5
Voltage	12V-48V
Material	ABS,PMMA,Aluminum
Weight	135g
Dimension	104.5x132.8x73mm
Cable Length	1/1.2/2m
Wattage	4W



70 LUX

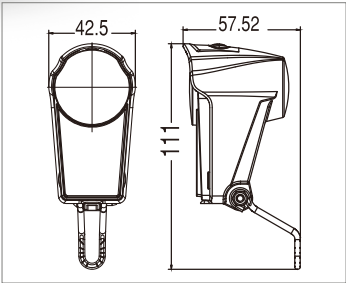
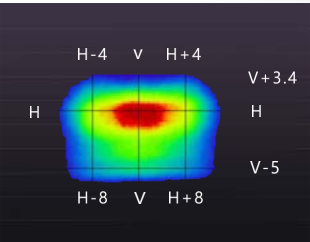


G1B

Bike Light Certification	CE, RoHS
Reflector Certification	StVZO,ECE,RoHS
Visibility	35m
Duration time	3h/9h
LED Model	CREE LED
Luminous Intensity	15 lux
Waterproof	IPX4
Batteries	2*AA 1.5v Zn-Mn
Material	ABS,PMMA,Aluminum
Weight	95g
Dimension	42.5x58x111mm
Wattage	0.6W



15 LUX



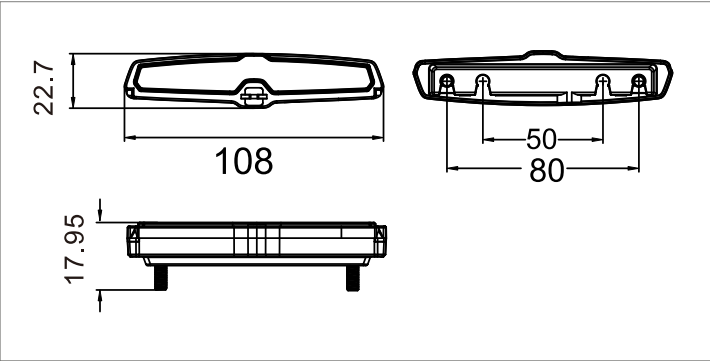
E-bike & Bicycle Rear Lights

M8

Bike Light Certification	StVZO,ECE,ISO 6742-1,CE,RoHS
Reflector Certification	StVZO,ISO 6742-2,Z,ECE
Power Supply	Hub dynamo/Ebike
Waterproof Rating	IPX6
Viewing Angle	220°
LED Model	Premium LED
Backer Option	50mm/80mm
Voltage	6-58V
Power	0.5W
Material	ABS,PMMA
Weight	24g
Dimension	108x22.7x17.95mm



NEW



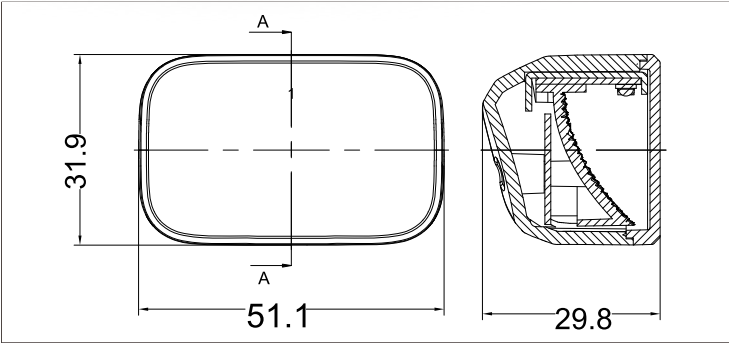
LR-09 Standard Version/Brake Light Version

Bike Light Certification	StVZO,ISO 6742-1,ECE R50,CE, RoHS
Reflector Certification	StVZO,ISO 6742-2,Z,ECE
Waterproof Rating	IPX6
Viewing Angle	220°
Luminous Intensity	6/45
Material	ABS,PMMA
Weight	25g
Power Supply	E-Bike/Escooter DC 6-58V
Dimension	51x31.7x23 mm
LED Specification	Premium LED
Power	1.2W



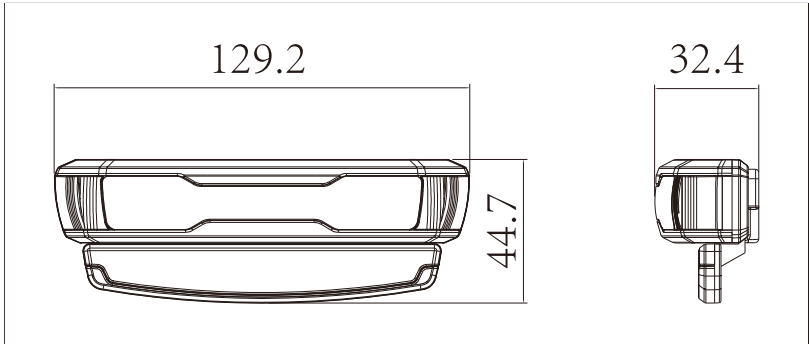
LR-09 STAR Brake Light Version

Bike Light Certification	StVZO,ECE,CE,RoHS
Power Supply	Escooter/Ebike
Waterproof Rating	IPX5
Viewing Angle	220°
LED Model	Premium LED
Voltage	6V-58V
Power	1.8W
Material	ABS,PMMA
Weight	30g
Dimension	51.1x31.9x29.8mm



M13 Brake Light Version

Bike Light Certification	ECE,CE,Rohs
Reflector Certification	ECE,Z,CE,Rohs
Power Supply	Escooter/Ebike
Waterproof Rating	IPX5
Viewing Angle	220°
LED Model	Premium LED
Voltage	6V, 12V, 6-58V
Direction Indicator	0.6W
Brake light	2.16W
Positon Light	0.6W
Power	4W
Material	ABS,PMMA
Weight	75g
Dimension	129.2x44.7x32.4mm
Build-in Direction Iindicator	Yes





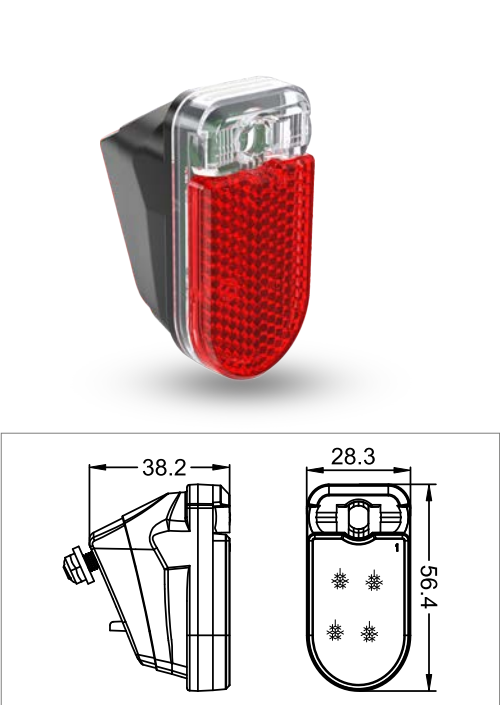
M9

Bike Light Certification	StVZO,ISO 6742-1,CE,RoHS
Reflector Certification	StVZO,Z,ECE
Power Supply	Hub dynamo/Ebike
Waterproof Rating	IPX6
Viewing Angle	220°
LED Model	Premium LED
Backer Option	50mm/80mm
Voltage	6-58V
Power	0.5W
Material	ABS,PMMA
Weight	24g
Dimension	99.9x12.9x21mm



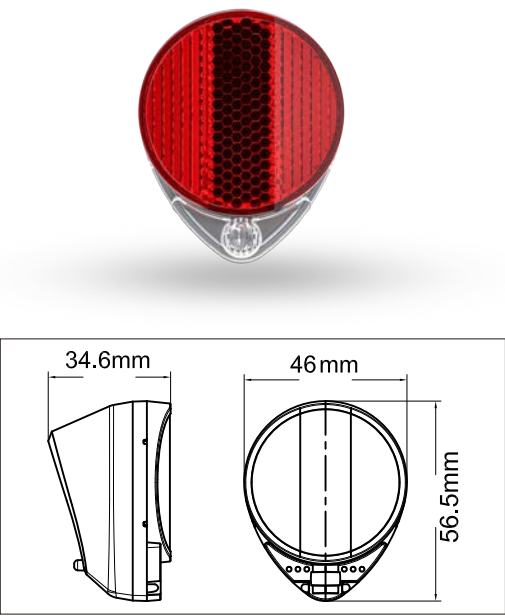
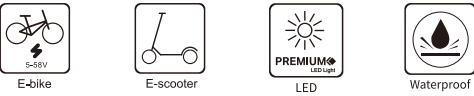
M10 Brake Light Version

Bike Light Certification	StVZO,ECE,ISO 6742-1,CE,RoHS
Reflector Certification	ECE,Z,ISO 6742-2
Power Supply	Escooter/Ebike
Waterproof Rating	IPX6
Viewing Angle	220°
LED Model	Premium LED
Voltage	6V~58V
Power	1W
Material	ABS,PMMA
Weight	25g
Dimension	56.4x38.2x28.3mm



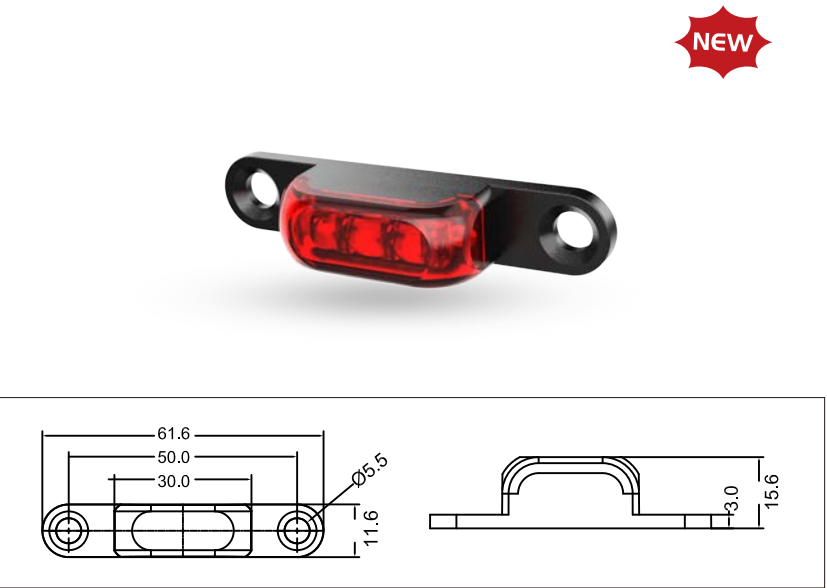
M11

Bike Light Certification	ECE,ISO 6742-1,CE,RoHS
Reflector Certification	CPSC,CE,RoHS
Power Supply	Escooter/Ebike
Waterproof Rating	IPX5
Viewing Angle	220°
LED Model	Premium LED
Voltage	6V~58V
Power	0.8W
Material	ABS,PMMA
Weight	25g
Dimension	46x56.5x34.6mm



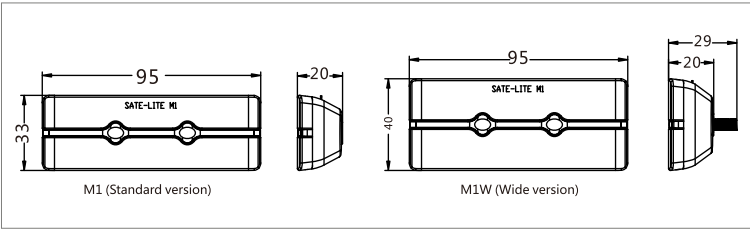
M12

Bike Light Certification	StVZO,ECE,CE,RoHS
Power Supply	Escooter/Ebike
Waterproof Rating	IPX5
Viewing Angle	220°
LED Model	Premium LED
Voltage	6V/12V
Power	0.3W
Material	ABS,PMMA
Weight	6g
Dimension	61.6x11.6x15.6mm



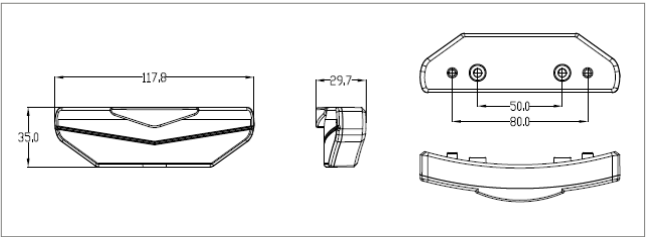
M1

Bike Light Certification	StVZO, CE and RoHS
Reflector Certification	Z, StVZO, ECE
Power Supply	Hub dynamo/Ebike
Waterproof Rating	IPX5
Viewing Angle	220°
LED Model	Premium LED
Backer Option	50mm/80mm
Voltage	6V-48V
Power	0.5W
Material	ABS, PMMA
Weight	34g
Cable Length	1/1.2/2 m
Dimension	95x33x20 mm



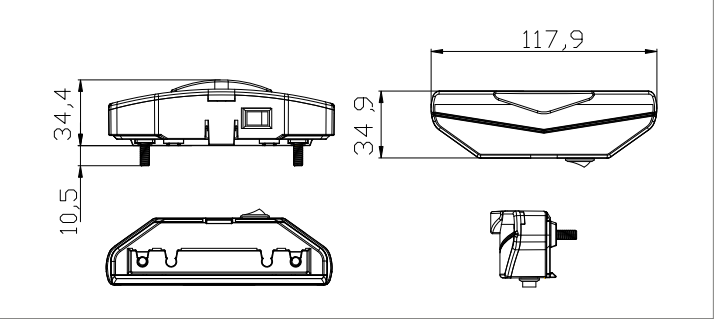
M2

Bike Light Certification	StVZO, CE, RoHS, TPRBi
Reflector Certification	Z, ECE
Power Supply	Hub dynamo/Ebike
Waterproof Rating	IPX4
Viewing Angle	220°
LED Model	Premium LED
Backer Option	50mm/80mm
Voltage	6V-48V
Power	0.4W
Material	ABS, PMMA
Weight	32g
Cable Length	1/1.2/2 m
Dimension	118x35x30 mm



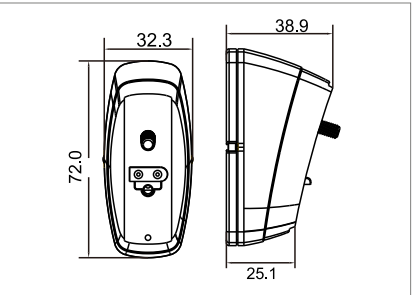
M2B

Bike Light Certification	CE and RoHS
Reflector Certification	Z, ECE, TPRBi
Battery	AAA Batteries
Waterproof Rating	IPX4
Viewing Angle	220°
LED Model	Premium LED
Backer Option	50mm/80mm
Voltage	1.5V
Power	0.2W
Material	ABS, PMMA
Weight	51g
Dimension	118x35x35 mm



M3

Bike Light Certification	StVZO, ISO 6742-1, CE, RoHS
Reflector Certification	StVZO, Z, ECE
Power Supply	Hub dynamo/Ebike/Escooter
Waterproof Rating	IPX4
Viewing Angle	220°
LED Model	Premium LED
Visible Distance	600m
Voltage	6V-48V
Power	0.4W
Material	ABS, PMMA
Weight	30g
Cable Length	1/1.2/2 m
Dimension	72x32x38.9 mm



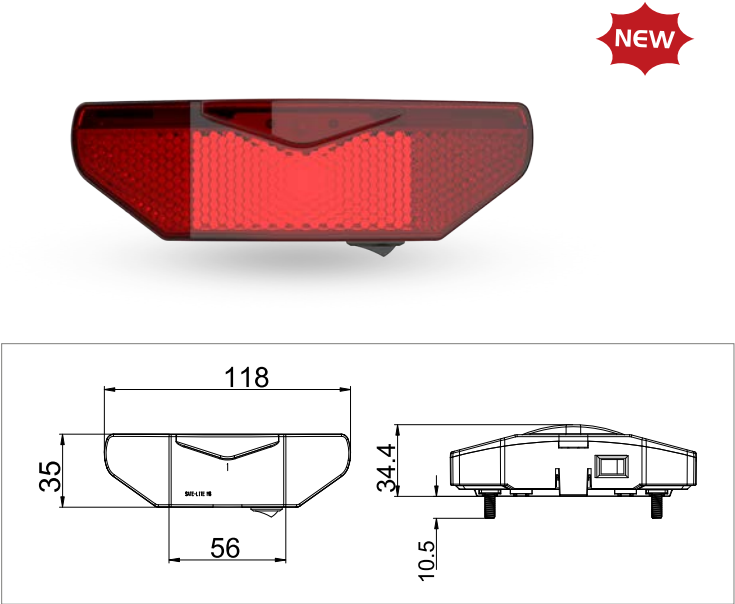
M4 Standard Version/Brake Light Version

Bike Light Certification	StVZO,ISO 6742-1,ECE ,CE, RoHS,
Reflector Certification	ISO 6742-2,ECE,Z,
Power Supply	Hub dynamo/Ebike/Escooter
Waterproof Rating	IPX4
Viewing Angle	220°
LED Model	Premium LED
Visible Distance	500m
Voltage	6V-48V
Power	0.4W
Material	ABS, PMMA
Weight	23g
Cable Length	1/1.2/2 m
Dimension	51x32x45 mm



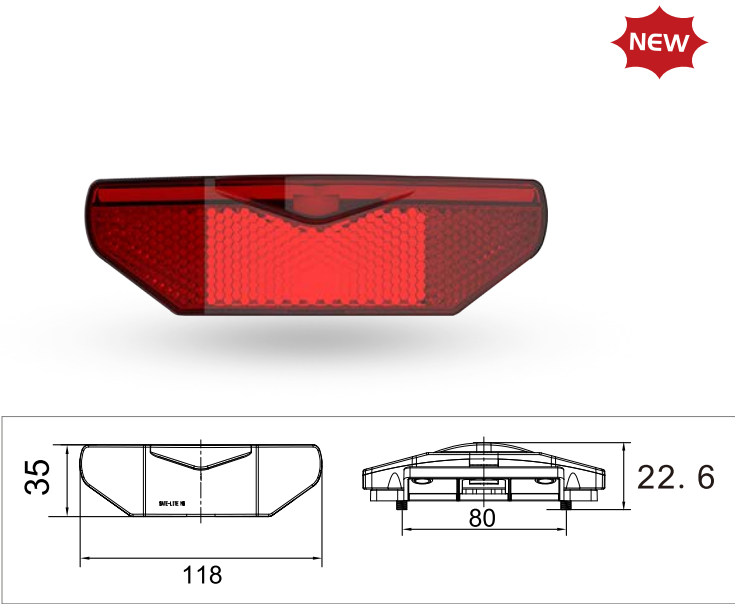
M6B

Bike Light Certification	GB/T31887.1-2019,ISO 6742-1
Reflector Certification	GB/T31887.2-2019,ISO 6742-2,CPSC
Power Supply	Ebike
Waterproof Rating	IPX4
Viewing Angle	220°
Battery	AAA Batteries
LED Model	Premium LED
Voltage	3V
Power	0.15W
Material	ABS,PMMA
Weight	74g
Dimension	118x34.4x35 mm



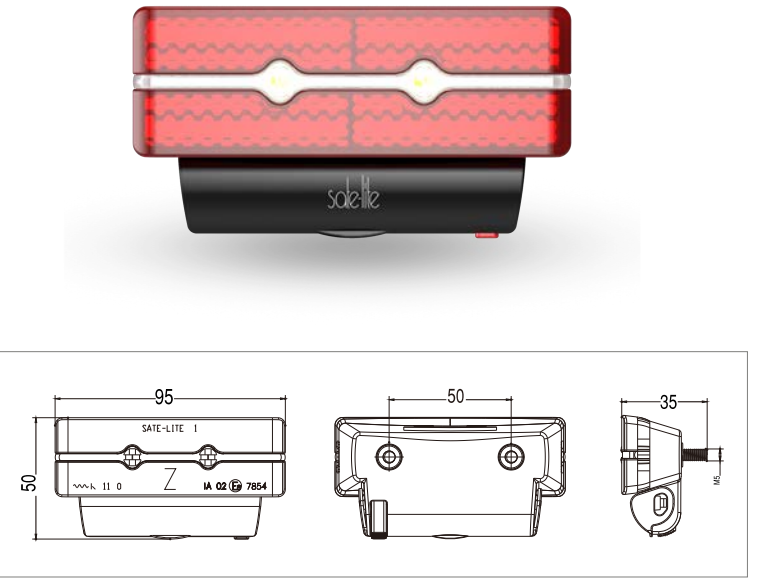
M6

Bike Light Certification	GB/T31887.1-2019,ISO 6742-1
Reflector Certification	GB/T31887.2-2019,ISO 6742-2,CPSC
Power Supply	Ebike
Waterproof Rating	IPX4
Viewing Angle	220°
LED Model	Premium LED
Voltage	6-58V
Power	0.5W
Material	ABS,PMMA
Weight	32g
Cable Length	1/1.2/2 m
Dimension	118x28.3x35 mm



M1B

Bike Light Certification	CE, RoHS
Reflector Certification	StVZO, ECE
Waterproof Rating	IPX4
Viewing Angle	220°
LED Model	Premium LED
Battery	1*AA
Width	33mm
Switch Function Options	On/ Flash/ Auto/ Off
Backer Option	50mm Carrier/ Seatpost/ Saddle
Life Time	5h/12h
Material	ABS, PMMA
Weight	66g
Dimension	95x50x35 mm
Wattage	0.3W



E-bike & Bicycle Front Lights



	C7	C7 PLUS	C7 SUPER	C8	C9	C10	C11	C12
Light Certification	StVZO,ISO 6742-1,CE,RoHS	StVZO,ISO 6742-1, ECE,CE,RoHS	StVZO,ISO 6742-1,CE,RoHS	StVZO,ISO 6742-1,CE,RoHS	StVZO,ISO 6742-1,CE,RoHS	StVZO,ECE,ISO 6742-1,CE, RoHS	StVZO,ECE,CE, RoHS	ECE R113 B class,ECE R50,DOT
Reflector Certification	ECE	-	-	-	StVZO,ISO 6742-2,ECE,RoHS	-	ECE,CE, RoHS	-
Lux	50 lux	80 lux	110 lux	50 lux	30 lux	60 lux	60 lux	-
Waterproof	IPX5	IPX5	IPX5	IPX5	IPX6	IPX6	IPX5	IPX5
Input Voltage	6-58V	12-58V	12-58V	6-58V	6-58V	6-58V	6-58V	6V, 12V, 8-80V
LED Specification	OSRAM LED	OSRAM LED	OSRAM LED	OSRAM LED	OSRAM LED	OSRAM LED	OSRAM LED	-
Power	1.8W	3W	3.5W	1.8W	1.8W	1.8W	2.4W	Low Beam: 5W;High Beam: 5W Position Light: 3W
Mounting Option	Fork	Fork	Fork	Fork	Fork,Handlebar	Fork,Handlebar	Fork,Handlebar	Fork
Side Visibility	YES	YES	YES	YES	NO	NO	YES	NO
Weight	96g	88g	131g	87g	50g	35g	55g	550g
Size	45x77x108mm	45.4x81.8x106.3mm	45.2x93.6x117.6mm	46.8x84.4x107.2mm	39.2x30.6x71.6mm	30x39.5x41.5mm	46x69x61mm	140x68.5x140mm
Material	ABS,PMMA,Aluminium	ABS,PMMA,Aluminium	ABS,PMMA,Aluminium	ABS,PMMA,Aluminium	ABS,PMMA,Aluminium	ABS,PMMA,Aluminium	ABS,PMMA,Aluminium	ABS,PMMA,Aluminium
Close range illumination	NO	YES	YES	NO	YES	YES	YES	YES



	C13	C4000	D1	D2	C10-LB	C4-P	C5	C6	C2-ECE
Light Certification	StVZO,ECE,CE ,RoHS	CE ,RoHS	ECE R50,ECE E74,CE,RoHS	CE,RoHS	ECE,ISO 6742-1,CQC	StVZO,ISO 6742-1,CE ,RoHS	StVZO,CE,RoHS	StVZO,ISO 6742-1,CE ,RoHS	ECE R113 A,CE,RoHS
Reflector Certification	-	-	-	-	-	StVZO,ECE	-	StVZO,ISO 6742-2,CE , RoHS	-
Lux	100 lux	60 lux	90Cd	-	60 lux	50 lux	70 lux	20 lux	50 lux
Waterproof	IPX5	IPX5	IPX5	IPX5	IPX5	IPX5	IPX5	IPX6	IPX4
Input Voltage	6-58V	6-48V	6-58V	6/12V	6-48V	6-58V	12-48V	6-58V	6-58V
LED Specification	OSRAM LED	CREE LED	CREE LED	Premium LED	OSRAM LED	OSRAM LED	CREE LED	OSRAM LED	CREE LED
Power	3W	1.8W	2W	0.6W	2.5W	1.8W	4W	1.2W	2W
Mounting Option	Handlebar	Handlebar	Handlebar	Handlebar	Fork,Handlebar	Fork,Handlebar	Fork,Handlebar	Fork,Handlebar	Fork,Handlebar
Side Visibility	YES	NO	YES	NO	NO	YES	YES	NO	NO
Weight	110g	90g	30g	25g	80g	70g	135g	30g	24g
Size	55.6x60.5x48.8mm	55.4x36.7x34.6mm	34x46.41x.34mm	22x19x76.5mm	45.6x49.5x90.6mm	55.7x63x112.3mm	104.5x132.8x73mm	26x49x70mm	36x39x78mm
Material	ABS,PMMA,Aluminium	ABS,PMMA	PC	ABS,PMMA	ABS,PMMA,Aluminium	ABS,PMMA,Aluminum	ABS,PMMA,Aluminium	ABS,PMMA,Aluminium	ABS,PMMA,Aluminium
Close range illumination	YES	YES	NO	NO	YES	NO	YES	NO	NO



	SPL-01	SPL-01 (ECE VerrSION)	SPL-01 (StVZO VerrSION)	C1	C2	C3	C4	G1	G1B
Light Certification	CE,RoHS	ECE R113,ECE R87,CE,RoHS	StVZO,CE,RoHS	StVZO,ISO 6742-1,CE,RoHS	StVZO,ISO 6742-1,CE,RoHS	-	StVZO,CE,RoHS	StVZO,CE,RoHS	CE and RoHS
Reflector Certification	-	-	-	StVZO,ECE,RoHS	StVZO,ISO 6742-2,ECE,RoHS	-	-	StVZO,ECE,RoHS	StVZO,ECE,RoHS
Lux	540lux/110lux	180lux	100lux	40 lux	15 lux	20 lux	40 lux	15 lux	15 lux
Waterproof	IPX5	IPX5	IPX5	IPX5	IPX4	IPX4	IPX5	IPX4	IPX4
Input Voltage	12-55V	12-55V	12-55V	6-48V	6-48V	6-12V	6-48V	6-48V	6-48V
LED Specification	CREE LED	CREE LED	CREE LED	CREE LED	CREE LED	Premium LED	CREE LED	CREE LED	CREE LED
Power	3.6W	3.6W	3.6W	1.2W	1W	0.8W	1.2W	1.1W	2W
Mounting Option	Handlebar	Handlebar	Handlebar	Fork,Handlebar	Fork,Handlebar	Fork,Handlebar	Fork,Handlebar	Fork	Fork
Side Visibility	NO	NO	NO	NO	NO	NO	YES	NO	NO
Weight	210g	210g	210g	95g	35g	33g	70g	48g	95g
Size	86x59x76mm	86x59x76mm	86x59x76mm	55x89x113mm	36.5x50x75.5mm	44.6x56.2x95.5mm	112x89x58mm	42.5x58x93mm	42.5x58x111mm
Material	ABS,PMMA,Aluminium	ABS,PMMA,Aluminium	Aluminium,PMMA	ABS,PMMA,Aluminium	ABS,PMMA,Aluminium	ABS,PMMA,Aluminium	ABS,PMMA,Aluminium	ABS,PMMA,Aluminium	ABS,PMMA,Aluminium
Close range illumination	NO	NO	NO	NO	NO	NO	NO	NO	NO

E-bike & Bicycle

Rear Lights



	M8	M9	LR-09	M13	LR-09 STAR	M10
Light Certification	StVZO,ECE,ISO 6742-1,CE,RoHS	StVZO,ISO 6742-1,CE,RoHS	StVZO,ISO 6742-1,ECE R50,CE,RoHS	ECE,CE,RoHS	StVZO,ECE,CE,RoHS	StVZO,ECE,ISO 6742-1,CE,RoHS
Reflector Certification	StVZO,ISO 6742-2,Z,ECE	StVZO,Z,ECE	StVZO,ISO 6742-2,Z,ECE	ECE,Z,CE,RoHS	-	ECE,Z,ISO 6742-2
Waterproof	IPX6	IPX6	IPX6	IPX5	IPX5	IPX6
Input Voltage	6-58V	6-58V	6-58V	6V, 12V, 6-58V	6-58V	6-58V
LED Specification	Premium LED	Premium LED	Premium LED	Premium LED	Premium LED	Premium LED
Power	0.5W	0.5W	1.2W	Direction indicator: 0.6W ; Brake light: 2.16W Positon light: 0.6W; Power: 4W	1.8W	1W
Mounting Option	Carrier	Carrier	Mud guard,Carrier	Carrier	Mud guard,Carrier	Mud guard
Viewing angle	220°	220°	220°	220°	220°	220°
Weight	24g	24g	25g	75g	30g	26g
Size	108x22.7x17.95mm	99.9x12.9x21mm	51x31.7x23mm	129.2x44.7x32.4mm	51.5x48.7x29.8mm	56.4x38.2x28.3mm
Material	ABS,PMMA	ABS,PMMA	ABS,PMMA	ABS,PMMA	ABS,PMMA	ABS,PMMA



	M11	M12	M1	M2	M2B	M3
Light Certification	ECE,ISO 6742-1,CE,RoHS	StVZO,ECE,CE,RoHS	StVZO,CE,RoHS	StVZO,CE,RoHS,TP RBi	CE and RoHS	StVZO,ISO 6742-1,CE,RoHS
Reflector Certification	CPSC,CE,RoHS	-	Z,StVZO,ECE	Z, ECE	Z, ECE,TP RBi	StVZO,Z,ECE
Waterproof	IPX5	IPX5	IPX5	IPX4	IPX4	IPX4
Input Voltage	6-58V	6V/12V	6-48V	6-48V	6-48V	6-48V
LED Specification	Premium LED	Premium LED	Premium LED	Premium LED	Premium LED	Premium LED
Power	0.8W	0.3W	0.5W	0.4W	0.2W	0.4W
Mounting Option	Mud guard	Carrier	Carrier,Seat post	Carrier	Carrier	Mud guard
Viewing angle	220°	220°	220°	220°	220°	220°
Weight	25g	6g	34g	32g	51g	30g
Size	46x56.5x34.6mm	61.6x11.6x15.6mm	95x33x20mm	118x35x30mm	118x35x35mm	72x32x38.9mm
Material	ABS,PMMA	ABS,PMMA	ABS,PMMA	ABS,PMMA	ABS,PMMA	ABS,PMMA



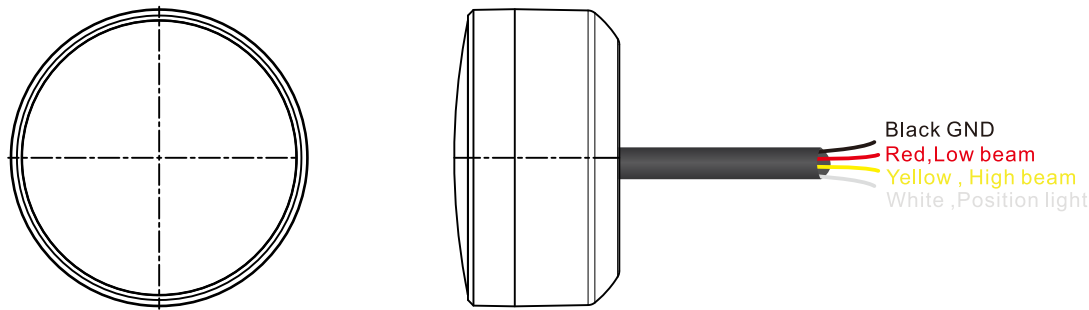
	M4	M6	M6B	M1B	Solar1-W
Light Certification	StVZO,ISO 6742-1,ECE,CE,RoHS	GB/T31887.1-2019,ISO 6742-1	GB/T31887.1-2019,ISO 6742-1	CE,RoHS	BS,ISO 6742-1,AS,GB
Reflector Certification	ISO 6742-2,ECE,Z	GB/T31887.2-2019,ISO 6742-2,CPSC	GB/T31887.2-2019,ISO 6742-2,CPSC	StVZO,ECE	ECE,RoHS
Waterproof	IPX4	IPX4	IPX4	IPX4	-
Input Voltage	6-48V	6-58V	3V	1.5V	-
LED Specification	Premium LED	Premium LED	Premium LED	Premium LED	Premium LED
Power	0.4W	0.5W	0.15W	0.3W	-
Mounting Option	Mud guard	Carrier	Carrier	Carrier	Mud guard
Viewing angle	220°	220°	220°	220°	320°
Weight	23g	32g	74g	66g	59g
Size	51x32x45mm	118x22.6x35mm	118x34.4x35mm	95x50x35mm	62x56x48mm
Material	ABS,PMMA	ABS,PMMA	ABS,PMMA	ABS,PMMA	ABS,PMMA

												
	Front Lights Mount											
				Handlebar Mount	Handlebar Mount	Plastic	Metal	Suntour Fork	Suntour Fork	Suntour Fork	Suntour Fork	Handlebar Mount
SPL-01		✓										✓
C1		✓		✓	✓				✓			
C2			✓	✓	✓					✓		
C4/ C4 reflector		✓		✓	✓				✓		✓	✓
C4-P		✓		✓	✓				✓			✓
C5		✓		✓	✓							
C6			✓	✓	✓					✓		
C7						✓	✓	✓				
C7Plus				✓	✓	✓	✓	✓				
C7Super						✓	✓	✓				
C8						✓		✓				
C9			✓	✓	✓					✓		
C10				✓	✓	✓						
C11				✓	✓			✓				
C12	✓											
C13				✓	✓							
G1			✓									
G1B			✓									

			
	Rear Lights Mount		
Solar1_W		✓	
Solar1_K		✓	
M1	✓		
M1B	✓		
M2			
M2B	✓		
M3			
M4			
M6	✓		
M6B	✓		
M8	✓		
M9	✓		
M12			
LR-09			✓

C12

Wire Definition	Color
GND	Black
Low beam	Red
High beam	Yellow
Position light	White



M13

Wire Definition	Color
Left turning light	Yellow
Right turning light	Green
GND	Black
Normal light	Red
Brake light mode	White

