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1 EU - TYPE EXAMINATION CERTIFICATE

Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

- 3 EU Type Examination SGS22ATEX0039 Certificate Number:
- 4 Product: EXC6R, EXC7R, EXH6R
- 5 Manufacturer: Ledlenser GmbH & Co. KG
- 6 Address: Kronenstraße 5-7, D-42699, Solingen, Germany
- 7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- **8** SGS Finko Oy, Notified Body number 0598, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No. GB/BAS/ExTR19.0071/00

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 EN 60079-11:2012

except in respect of those requirements listed at item 18 of the Schedule.

- **10** If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
- **11** This EU TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- **12** The marking of the product shall include the following:

♦ See Schedule

SGS Fimko Oy Customer Reference No. 7674

Project File No. 19/0262

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Mikko Välimäki Authorised Signatory for SGS Fimko Oy



Schedule

13 14

Certificate Number SGS22ATEX0039

15 **Description of Product**

The EXC6R and EXC7R are portable right-angle flashlights. The EXH6R is a portable headlamp. All are powered by a custom lithium ion based battery pack. They are suitable for use in Group IIC and IIIC areas and have Equipment Protection Levels of Ga and Db.

The EXH6R is also suitable for use in Group I areas and has Equipment Protection Level Ma.

The lamps have a charging socket rated Um = 6.75V for use only in safe areas.

The EXC6R and EXC7R models are marked:

🕼 II 1G Ex ia IIC T4 Ga

𝔄 II 2D Ex ib IIIC T135℃ Db

The EXH6R is marked:

🙆 I M1 Ex ia I Ma

🐼 II 1G Ex ia IIC T4 Ga

𝔄 II 2D Ex ib IIIC T135℃ Db

The equipment is considered out of scope of EN 60079-28:2015.

16 **Report Number**

GB/BAS/ExTR19.0071/00

17 **Specific Conditions of Use**

None.

18 **Essential Health and Safety Requirements**

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject		
1.4.1	External effects		
1.4.2	Aggressive substances, etc.		

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
SC-EXC6R-A	1 & 2	V1	02/12/2021	Main exploded drawing
SC-EXC6R-B	1	V1	02/12/2021	EXC6R control PCBA subassembly
SC-EXC6R-C	1 & 2	V1	02/12/2021	EXC6R base subassembly
SC-EXC6R-D	1 & 2	V1	02/12/2021	EXC6R lamp head subassembly
SC-EXC6R-LA-01	1	V1	2022-12-06	EXC6R IECEx laser drawing
SC-EXC6R-38	1 to 4	V1	09/05/2022	EXC6R Electronics
EX4200Y0-21	1	V1	12/12/2017	Φ6.5XΦ2.5防水透气膜(白色蒲微)
SC-EXC6R-03	1	V 0	18/09/2020	EXC6R top shell
BAS-CERT-070			SGS Baseefa Limite	ed is an associate of SGS Fimko OY

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SC-EXC6R-07 1 V1 02/12/201 EXC6R lamp head enclosure SC-EXC6R-09 1 V1 02/12/201 EXC6R transparent LED enclosure cover SC-EXC6R-13 1 V1 02/12/201 EXC6R mounting frame SC-EXC6R-13 1 V1 02/12/201 EXC6R base SC-EXC6R-15 1 V2 11/04/202 EXC6R base SC-EXC6R-17 1 V1 02/12/201 EXC6R base SC-EXC6R-19 1 V1 02/12/201 EXC6R base SC-EXC6R-11 1 V1 02/12/201 EXC6R button SC-EXC6R-21 1 V1 02/12/201 EXC6R button SC-EXC6R-3 1 V0 18/09/202 EXC6R button SC-EXC7R-8 1 & 2 V1 02/12/201 EXC7R button SC-EXC7R-8 1 & 2 V1 02/12/201 EXC7R button SC-EXC7R-1 1 V1 02/12/201 EXC7R button SC-EXC7R-1 1 V1 02/12/201 EXC7R transpare	Number	Sheet	Issue	Date	Description
SC-EXC6R-12 1 V0 18/09/2020 EXC6R mounting frame SC-EXC6R-13 1 V1 02/12/2021 EXC6R Tube SC-EXC6R-14 1 V0 18/09/2020 EXC6R Runp hinge cover SC-EXC6R-15 1 V2 11/04/2022 EXC6R base SC-EXC6R-19 1 V0 18/09/2020 EXC6R charging contact pin SC-EXC6R-19 1 V1 02/12/2021 EXC6R Button SC-EXC6R-20 1 V1 02/12/2021 EXC6R Button SC-EXC6R-25 1 V0 18/09/2020 EXC6R battery indicator window SC-EXC7R-3 1 2 V1 02/12/2021 EXC7R Main exploded drawing SC-EXC7R-4 1 & 2 V1 02/12/2021 EXC7R base subassembly SC-EXC7R-5 1 V1 02/12/2021 EXC7R base subassembly SC-EXC7R-6 1 & V1 02/12/2021 EXC7R base subassembly SC-EXC7R-70 1 V1 02/12/2021 EXC7R transparent LED enclosure cover SC-EXC7R-00	SC-EXC6R-07	1	V1	02/12/2021	EXC6R lamp head enclosure
SC-EXC6R-13 1 V1 02/12/2021 EXC6R Tube SC-EXC6R-14 1 V0 18/09/2020 EXC6R Lamp hinge cover SC-EXC6R-15 1 V2 11/04/2022 EXC6R Lamp hinge cover SC-EXC6R-17 1 V1 02/12/2021 EXC6R Charging contact pin SC-EXC6R-19 1 V1 02/12/2021 EXC6R Charging contact pin SC-EXC6R-20 1 V1 02/12/2021 EXC6R battery indicator window SC-EXC6R-3 1 V0 18/09/2020 EXC6R battery indicator window SC-EXC7R-4 1 & 2 V1 02/12/2021 EXC7R Main exploded drawing SC-EXC7R-5 1 V0 18/09/2020 EXC7R base subassembly SC-EXC7R-6 1 & 2 V1 02/12/2021 EXC7R base subassembly SC-EXC7R-D 1 V1 02/12/2021 EXC7R base subassembly SC-EXC7R-D 1 V1 02/12/2021 EXC7R Lang head enclosure cover SC-EXC7R-0 1 V1 02/12/2021 EXC7R lamp head subassembly <td>SC-EXC6R-09</td> <td>1</td> <td>V1</td> <td>02/12/2021</td> <td>EXC6R transparent LED enclosure cover</td>	SC-EXC6R-09	1	V1	02/12/2021	EXC6R transparent LED enclosure cover
SC-EXC6R-14 1 V0 18/09/2020 EXC6R lamp hinge cover SC-EXC6R-15 1 V2 11/04/2022 EXC6R base SC-EXC6R-17 1 V1 02/12/2021 EXC6R lept contact pin SC-EXC6R-20 1 V1 02/12/2021 EXC6R deriging contact pin SC-EXC6R-20 1 V1 02/12/2021 EXC6R button SC-EXC6R-21 1 V0 18/09/2020 EXC6R button SC-EXC6R-33 1 V0 18/09/2020 EXC6R battery indicator window SC-EXC7R-4 1 & 2 V1 02/12/2021 EXC7R base subassembly SC-EXC7R-5 1 & 2 V1 02/12/2021 EXC7R base subassembly SC-EXC7R-6 1 & 2 V1 02/12/2021 EXC7R lamp head subassembly SC-EXC7R-0 1 V1 02/12/2021 EXC7R transparent LED enclosure cover SC-EXC7R-0 1 V1 02/12/2021 EXC7R transparent LED enclosure cover SC-EXC7R-0 1 V1 02/12/2021 EXC7R transparent LED enclosure cover SC-EXC7R-0 1 V1 02/12/2021 EXC7R	SC-EXC6R-12	1	V 0	18/09/2020	EXC6R mounting frame
SC-EXC6R-15 1 V2 11/04/2022 EXC6R base SC-EXC6R-17 1 V1 02/12/2021 EXC6R LED heat-sink SC-EXC6R-19 1 V0 18/09/2020 EXC6R charging contact pin SC-EXC6R-20 1 V1 02/12/2021 EXC6R therging contact pin SC-EXC6R-21 1 V1 02/12/2021 EXC6R battery indicator window SC-EXC6R-23 1 V0 18/09/2020 EXC6R battery indicator window SC-EXC6R-43 1 V0 18/09/2020 EXC6R battery indicator window SC-EXC7R-A 1 & 2 V1 02/12/2021 EXC7R base subassembly SC-EXC7R-B 1 & 2 V1 02/12/2021 EXC7R base subassembly SC-EXC7R-D 1 V1 02/12/2021 EXC7R laser drawing SC-EXC7R-D 1 V1 02/12/2021 EXC7R transparent LED enclosure cover SC-EXC7R-02 1 V1 02/12/2021 EXC7R transparent LED enclosure cover SC-EXC7R-03 1 V1 02/12/2021 EXC7R base SC-EXC7R-04 1 V1 02/12/2021 EXC7R	SC-EXC6R-13	1	V1	02/12/2021	EXC6R Tube
SC-EXC6R-17 1 V1 $02/12/2021$ EXC6R LED heat-sink SC-EXC6R-19 1 V0 $18/09/2020$ EXC6R charging contact pin SC-EXC6R-20 1 V1 $02/12/2021$ EXC6R reflective sticker SC-EXC6R-21 1 V1 $02/12/2021$ EXC6R battor SC-EXC6R-23 1 V0 $18/09/2020$ EXC6R battery indicator window SC-EXC7R-A $1 \& 2$ V1 $02/12/2021$ EXC7R base subassembly SC-EXC7R-B $1 \& 2$ V1 $02/12/2021$ EXC7R base subassembly SC-EXC7R-D 1 V1 $02/12/2021$ EXC7R control PCBA subassembly SC-EXC7R-D0 1 V1 $02/12/2021$ EXC7R lame head subassembly SC-EXC7R-D1 V1 $02/12/2021$ EXC7R lame head enclosure cover SC-EXC7R-02 1 V1 $02/12/2021$ EXC7R base SC-EXC7R-03 1 V0 $02/12/2021$ EXC7R base SC-EXC7R-04 1 V1 $02/12/2021$ EXC7R base SC-EXC7R-07 1 V0 $02/12/2021$ EXC7R base	SC-EXC6R-14	1	V 0	18/09/2020	EXC6R lamp hinge cover
SC-EXC6R-191V018/09/202EXC6R charging contact pinSC-EXC6R-201V102/12/2021EXC6R reflective stickerSC-EXC6R-211V102/12/2021EXC6R ButtonSC-EXC6R-251V018/09/2020EXC6R battery indicator windowSC-EXC6R-431V002/12/2021EXC7R Main exploded drawingSC-EXC7R-A1 & 2V102/12/2021EXC7R Main exploded drawingSC-EXC7R-B1 & 2V102/12/2021EXC7R Main exploded drawingSC-EXC7R-D1V102/12/2021EXC7R control PCBA subassemblySC-EXC7R-D1V102/12/2021EXC7R transparent LED enclosure coverSC-EXC7R-151 to 5V109/12/2021EXC7R transparent LED enclosure coverSC-EXC7R-021V102/12/2021EXC7R buttonSC-EXC7R-031V102/12/2021EXC7R transparent LED enclosure coverSC-EXC7R-041V102/12/2021EXC7R buttonSC-EXC7R-051V002/12/2021EXC7R buttonSC-EXC7R-151V102/12/2021EXC7R transparent LED enclosureSC-EXC7R-201V002/12/2021EXC7R buttonSC-EXC7R-201V002/12/2021EXC7R buttonSC-EXC7R-201V002/12/2021EXC7R top shellSC-EXC7R-201V002/12/2021EXC7R top shellSC-EXC7R-201V002/12/2020EXC7R top shellSC-EXC7R-20<	SC-EXC6R-15	1	V2	11/04/2022	EXC6R base
SC-EXC6R-20 1 V1 $02/12/2021$ EXC6R reflective sticker SC-EXC6R-21 1 V1 $02/12/2021$ EXC6R Button SC-EXC6R-25 1 V0 18/09/2020 EXC6R 03.2 three core cable SC-EXC6R-25 1 V0 18/09/2020 EXC6R 03.2 three core cable SC-EXC7R-A 1 & 2 V1 $02/12/2021$ EXC7R Main exploded drawing SC-EXC7R-B 1 & 2 V1 $02/12/2021$ EXC7R base subassembly SC-EXC7R-D 1 V1 $02/12/2021$ EXC7R laces lasser drawing SC-EXC7R-D 1 V1 $02/12/2021$ EXC7R laces lasser drawing SC-EXC7R-D 1 V1 $02/12/2021$ EXC7R laces lasser drawing SC-EXC7R-15 1 to 5 V1 $09/12/2021$ EXC7R lamp head enclosure cover SC-EXC7R-02 1 V1 $02/12/2021$ EXC7R lamp head enclosure SC-EXC7R-03 1 V1 $02/12/2021$ EXC7R base SC-EXC7R-04 1 V1 $02/12/2021$ EXC7R lamp head enclosure SC-EXC7R-05 1 V1 $02/12/2021$ <td>SC-EXC6R-17</td> <td>1</td> <td>V1</td> <td>02/12/2021</td> <td>EXC6R LED heat-sink</td>	SC-EXC6R-17	1	V1	02/12/2021	EXC6R LED heat-sink
SC-EXC6R-21 1 V1 02/12/2021 EXC6R Button SC-EXC6R-25 1 V0 18/09/2020 EXC6R03.2 three core cable SC-EXC6R-43 1 V0 18/09/2020 EXC6R battery indicator window SC-EXC7R-A 1 & 2 V1 02/12/2021 EXC7R bain exploded drawing SC-EXC7R-B 1 & 2 V1 02/12/2021 EXC7R lamp head subassembly SC-EXC7R-D 1 V1 02/12/2021 EXC7R control PCBA subassembly SC-EXC7R-D 1 V1 02/12/2021 EXC7R lamp head subassembly SC-EXC7R-D 1 V1 02/12/2021 EXC7R lamp head for losure cover SC-EXC7R-02 1 V1 02/12/2021 EXC7R lamp head enclosure SC-EXC7R-03 1 V1 02/12/2021 EXC7R button SC-EXC7R-04 1 V1 02/12/2021 EXC7R button SC-EXC7R-05 1 V1 02/12/2021 EXC7R base SC-EXC7R-15 1 V1 02/12/2021 EXC7R base SC-EXC7R-20	SC-EXC6R-19	1	V 0	18/09/2020	EXC6R charging contact pin
SC-EXC6R-251V018/09/2020EXC6R 03.2 three core cableSC-EXC6R-431V018/09/2020EXC6R battery indicator windowSC-EXC7R-A1 & 2V102/12/2021EXC7R Main exploded drawingSC-EXC7R-B1 & 2V102/12/2021EXC7R base subassemblySC-EXC7R-D1 & 2V205/05/2022EXC7R lamp head subassemblySC-EXC7R-D1V102/12/2021EXC7R control PCBA subassemblySC-EXC7R-D1V12022.12-05EXC7R TelCEx laser drawingSC-EXC7R-D1V102/12/2021EXC7R lamp head enclosure coverSC-EXC7R-021V102/12/2021EXC7R lamp head enclosureSC-EXC7R-061V102/12/2021EXC7R buttonSC-EXC7R-071V023/09/2020EXC7R buttonSC-EXC7R-091V102/12/2021EXC7R buttonSC-EXC7R-151V102/12/2021EXC7R hubeSC-EXC7R-201V023/09/2020EXC7R lamp head enclosureSC-EXC7R-201V002/12/2021EXC7R baseSC-EXC7R-201V002/12/2021EXC7R lamp headSC-EXC7R-201V023/09/2020EXC7R lamp headSC-EXC7R-201V002/12/2021EXC7R lamp headSC-EXC7R-201V006/12/2021EXH6R headlamp exploded drawingSC-EXC7R-201V006/12/2021EXH6R headlamp exploded drawingSC-EXC7R-201V	SC-EXC6R-20	1	V1	02/12/2021	EXC6R reflective sticker
SC-EXC6R-431V0 $18/09/202$ EXC6R battery indicator windowSC-EXC7R-A $1 \& 2$ V1 $02/12/2021$ EXC7R Main exploded drawingSC-EXC7R-B $1 \& 2$ V1 $02/12/2021$ EXC7R base subassemblySC-EXC7R-C $1 \& 2$ V2 $05/05/2022$ EXC7R lamp head subassemblySC-EXC7R-D1V1 $02/12/2021$ EXC7R control PCBA subassemblySC-EXC7R-LA-011V1 $02/12/2021$ EXC7R control PCBA subassemblySC-EXC7R-D1V1 $02/12/2021$ EXC7R transparent LED enclosure coverSC-EXC7R-021V1 $02/12/2021$ EXC7R lamp head enclosureSC-EXC7R-041V1 $02/12/2021$ EXC7R lamp head enclosureSC-EXC7R-051V1 $02/12/2021$ EXC7R buttonSC-EXC7R-061V1 $02/12/2021$ EXC7R buttonSC-EXC7R-071V0 $23/09/2020$ EXC7R buttonSC-EXC7R-151V1 $02/12/2021$ EXC7R buttonSC-EXC7R-181V1 $02/12/2021$ EXC7R labelSC-EXC7R-201V0 $23/09/2020$ EXC7R labelSC-EXC7R-201V0 $23/09/2020$ EXC7R labelSC-EXC7R-201V0 $23/09/2020$ EXC7R labelSC-EXC7R-201V0 $06/12/2021$ EXH6R head lamp exploded drawingSC-EXC7R-201V0 $06/12/2021$ EXH6R head lamp exploded drawingSC-EXC7R-181V0 $06/12/2021$ EXH6R head lamp explode	SC-EXC6R-21	1	V1	02/12/2021	EXC6R Button
SC-EXC7R-A 1 & 2 V1 02/12/2021 EXC7R Main exploded drawing SC-EXC7R-B 1 & 2 V1 02/12/2021 EXC7R base subassembly SC-EXC7R-C 1 & 2 V2 05/05/2022 EXC7R lamp head subassembly SC-EXC7R-D 1 V1 02/12/2021 EXC7R control PCBA subassembly SC-EXC7R-D 1 V1 02/12/2021 EXC7R control PCBA subassembly SC-EXC7R-D 1 V1 02/12/2021 EXC7R tectra laser drawing SC-EXC7R-02 1 V1 02/12/2021 EXC7R transparent LED enclosure cover SC-EXC7R-02 1 V1 02/12/2021 EXC7R button SC-EXC7R-07 1 V0 23/09/2020 EXC7R button SC-EXC7R-09 1 V1 02/12/2021 EXC7R button SC-EXC7R-15 1 V1 02/12/2021 EXC7R tube SC-EXC7R-18 1 V1 02/12/2021 EXC7R tube SC-EXC7R-20 1 V0 23/09/2020 EXC7R tube SC-EXC7R-20 1 V0 23/09/2020 EXC7R basel SC-EXC7R-2	SC-EXC6R-25	1	V 0	18/09/2020	EXC6R Φ 3.2 three core cable
SC-EXC7R-B I 2 V1 02/12/2021 EXC7R base subassembly SC-EXC7R-C 1 2 V2 05/05/2022 EXC7R lamp head subassembly SC-EXC7R-D 1 V1 02/12/2021 EXC7R control PCBA subassembly SC-EXC7R-LA-01 1 V1 2022-12-05 EXC7R lECEx laser drawing SC-EXC7R-02 1 V1 02/12/2021 EXC7R transparent LED enclosure cover SC-EXC7R-06 1 V1 02/12/2021 EXC7R mounting frame SC-EXC7R-07 1 V0 23/09/2020 EXC7R button SC-EXC7R-09 1 V1 02/12/2021 EXC7R button SC-EXC7R-09 1 V1 02/12/2021 EXC7R button SC-EXC7R-18 1 V1 02/12/2021 EXC7R buton SC-EXC7R-20 1 V0 23/09/2020 EXC7R tube SC-EXC7R-29 1 V0 23/09/2020 EXC7R base SC-EXC7R-29 1 V0 23/09/2020 EXC7R base SC-EXH6R-A	SC-EXC6R-43	1	V 0	18/09/2020	EXC6R battery indicator window
SC-EXC7R-C 1 & 2 V2 05/05/2022 EXC7R lamp head subasembly SC-EXC7R-D 1 V1 02/12/2021 EXC7R control PCBA subassembly SC-EXC7R-D 1 V1 2022-12-05 EXC7R control PCBA subassembly SC-EXC7R-J 1 V1 02/12/2021 EXC7R Electronics SC-EXC7R-02 1 V1 02/12/2021 EXC7R transparent LED enclosure cover SC-EXC7R-06 1 V1 02/12/2021 EXC7R mounting frame SC-EXC7R-07 1 V0 23/09/2020 EXC7R button SC-EXC7R-09 1 V1 02/12/2021 EXC7R button SC-EXC7R-15 1 V1 02/12/2021 EXC7R button SC-EXC7R-20 1 V0 23/09/2020 EXC7R tube SC-EXC7R-22 1 V0 23/09/2020 EXC7R M 0.3.2 four core cable SC-EXC7R-29 1 V0 23/09/2020 EXC7R M 0.3.2 four core cable SC-EXTR-29 1 V0 06/12/2021 EXH6R headamp exploded drawing S	SC-EXC7R-A	1 & 2	V1	02/12/2021	EXC7R Main exploded drawing
SC-EXC7R-DIV1 $02/12/2021$ EXC7R control PCBA subassemblySC-EXC7R-LA-011V1 $2022 \cdot 12 \cdot 05$ EXC7R IECEx laser drawingSC-EXC7R-351 to 5V1 $09/05/2022$ EXC7R ElectronicsSC-EXC7R-021V1 $02/12/2021$ EXC7R transparent LED enclosure coverSC-EXC7R-061V1 $02/12/2021$ EXC7R mounting frameSC-EXC7R-071V0 $23/09/2020$ EXC7R mounting frameSC-EXC7R-091V1 $02/12/2021$ EXC7R buttonSC-EXC7R-151V1 $03/12/2021$ EXC7R buttonSC-EXC7R-201V0 $23/09/2020$ EXC7R tubeSC-EXC7R-201V0 $23/09/2020$ EXC7R tubeSC-EXC7R-201V0 $23/09/2020$ EXC7R 03.2 four core cableSC-EXC7R-201V0 $23/09/2020$ EXC7R 03.2 four core cableSC-EXC7R-291V0 $23/09/2020$ EXC7R 03.2 four core cableSC-EXC7R-291V0 $06/12/2021$ EXH6R head lamp exploded drawingSC-EXH6R-31 & 22 V1 $06/05/2022$ EXH6R head part subassemblySC-EXH6R-61 & V1 $00/05/2022$ EXH6R head part subassemblySC-EXH6R-101V0 $06/12/2021$ EXH6R buttery box down coverSC-EXH6R-021V0 $06/12/2021$ EXH6R battery box down coverSC-EXH6R-031V0 $06/12/2021$ EXH6R buttonSC-EXH6R-051V0 $06/12/2021$ EXH6R	SC-EXC7R-B	1 & 2	V1	02/12/2021	EXC7R base subassembly
SC-EXC7R-LA-011V12022-12-05EXC7R IECEx laser drawingSC-EXC7R-351 to 5V109/05/2022EXC7R ElectronicsSC-EXC7R-021V102/12/2021EXC7R transparent LED enclosure coverSC-EXC7R-061V102/12/2021EXC7R lamp head enclosureSC-EXC7R-071V023/09/2020EXC7R mounting frameSC-EXC7R-091V102/12/2021EXC7R buttonSC-EXC7R-151V102/12/2021EXC7R baseSC-EXC7R-181V102/12/2021EXC7R tubeSC-EXC7R-201V023/09/2020EXC7R top shellSC-EXC7R-221V023/09/2020EXC7R top shellSC-EXC7R-291V023/09/2020EXC7R Φ3.2 four core cableSC-EXC7R-291V006/12/2021EXH6R head part subassemblySC-EXH6R-A1 & 2V106/05/2022EXH6R head part subassemblySC-EXH6R-D11V22022-12-06EXH6R head part subassemblySC-EXH6R-141V006/12/2021EXH6R battery box down coverSC-EXH6R-011V006/12/2021EXH6R battery box up coverSC-EXH6R-031V006/12/2021EXH6R battery box up coverSC-EXH6R-051V006/12/2021EXH6R battery box up coverSC-EXH6R-061V006/12/2021EXH6R battery box up coverSC-EXH6R-071V006/12/2021EXH6R battery box ape plateSC-EXH	SC-EXC7R-C	1 & 2	V2	05/05/2022	EXC7R lamp head subassembly
SC-EXC7R-351 to 5V109/05/2022EXC7R ElectronicsSC-EXC7R-021V102/12/2021EXC7R transparent LED enclosure coverSC-EXC7R-061V102/12/2021EXC7R transparent LED enclosureSC-EXC7R-071V023/09/2020EXC7R lamp head enclosureSC-EXC7R-091V102/12/2021EXC7R buttonSC-EXC7R-151V102/12/2021EXC7R buttonSC-EXC7R-181V102/12/2021EXC7R tubeSC-EXC7R-201V023/09/2020EXC7R tubeSC-EXC7R-221V023/09/2020EXC7R tubeSC-EXC7R-291V023/09/2020EXC7R Φ3.2 four core cableSC-EXTR-291V006/12/2021EXH6R headlamp exploded drawingSC-EXH6R-A1 & 2V106/05/2022EXH6R head part subassemblySC-EXH6R-B1V006/12/2021EXH6R head part subassemblySC-EXH6R-C1 & 2V006/12/2021EXH6R battery box subassemblySC-EXH6R-141V006/12/2021EXH6R battery box down coverSC-EXH6R-031V006/12/2021EXH6R battery box up coverSC-EXH6R-051V006/12/2021EXH6R battery box up coverSC-EXH6R-061V006/12/2021EXH6R battery box up coverSC-EXH6R-071V006/12/2021EXH6R battery box ape plateSC-EXH6R-071V006/12/2021EXH6R headlamp base plate <t< td=""><td>SC-EXC7R-D</td><td>1</td><td>V1</td><td>02/12/2021</td><td>EXC7R control PCBA subassembly</td></t<>	SC-EXC7R-D	1	V1	02/12/2021	EXC7R control PCBA subassembly
SC-EXC7R-02 1 V1 02/12/2021 EXC7R transparent LED enclosure cover SC-EXC7R-06 1 V1 02/12/2021 EXC7R lamp head enclosure SC-EXC7R-07 1 V0 23/09/2020 EXC7R mounting frame SC-EXC7R-09 1 V1 02/12/2021 EXC7R button SC-EXC7R-15 1 V1 03/12/2021 EXC7R base SC-EXC7R-18 1 V1 02/12/2021 EXC7R tube SC-EXC7R-18 1 V1 02/12/2021 EXC7R tube SC-EXC7R-20 1 V0 23/09/2020 EXC7R top shell SC-EXC7R-22 1 V0 23/09/2020 EXC7R D43.2 four core cable SC-EXTR-29 1 V0 23/09/2020 EXC7R D43.2 four core cable SC-EXTR-29 1 V0 06/12/2021 EXH6R head lamp exploded drawing SC-EXH6R-A 1 & 2 V1 06/05/2022 EXH6R head part subassembly SC-EXH6R-C 1 & 2 V0 06/12/2021 EXH6R battery box subassembly SC-EXH6R-	SC-EXC7R-LA-01	1	V1	2022-12-05	EXC7R IECEx laser drawing
SC-EXC7R-06 1 V1 02/12/2021 EXC7R lamp head enclosure SC-EXC7R-07 1 V0 23/09/2020 EXC7R mounting frame SC-EXC7R-09 1 V1 02/12/2021 EXC7R button SC-EXC7R-15 1 V1 03/12/2021 EXC7R button SC-EXC7R-18 1 V1 02/12/2021 EXC7R base SC-EXC7R-18 1 V1 02/12/2021 EXC7R base SC-EXC7R-18 1 V1 02/12/2021 EXC7R base SC-EXC7R-20 1 V0 23/09/2020 EXC7R LED heat-sink SC-EXC7R-22 1 V0 23/09/2020 EXC7R LED heat-sink SC-EXC7R-29 1 V0 23/09/2020 EXC7R LED heat-sink SC-EXT6R-A 1 & 2 V1 06/05/2022 EXH6R head part subassembly SC-EXH6R-A 1 & 2 V1 06/12/2021 EXH6R battery box subassembly SC-EXH6R-C 1 & 2 V0 06/12/2021 EXH6R battery box down cover SC-EXH6R-01 1 <	SC-EXC7R-35	1 to 5	V1	09/05/2022	EXC7R Electronics
SC-EXC7R-07 1 V0 23/09/2020 EXC7R uniting frame SC-EXC7R-09 1 V1 02/12/2021 EXC7R button SC-EXC7R-15 1 V1 03/12/2021 EXC7R button SC-EXC7R-15 1 V1 02/12/2021 EXC7R button SC-EXC7R-18 1 V1 02/12/2021 EXC7R tube SC-EXC7R-20 1 V0 23/09/2020 EXC7R top shell SC-EXC7R-22 1 V0 23/09/2020 EXC7R base SC-EXC7R-29 1 V0 23/09/2020 EXC7R base SC-EXC7R-29 1 V0 23/09/2020 EXC7R base SC-EXH6R-A 1 & 2 V1 06/05/2022 EXH6R headlamp exploded drawing SC-EXH6R-B 1 V0 06/12/2021 EXH6R head part subassembly SC-EXH6R-C 1 & 2 V0 06/12/2021 EXH6R battery box subassembly SC-EXH6R-1A-01 1 V2 2022-12-06 EXH6R battery box down cover SC-EXH6R-03 1 V0 06/12/2021 EXH6R battery box down cover SC-EXH6R-03 1 <td>SC-EXC7R-02</td> <td>1</td> <td>V1</td> <td>02/12/2021</td> <td>EXC7R transparent LED enclosure cover</td>	SC-EXC7R-02	1	V1	02/12/2021	EXC7R transparent LED enclosure cover
SC-EXC7R-09 1 V1 02/12/2021 EXC7R button SC-EXC7R-15 1 V1 03/12/2021 EXC7R base SC-EXC7R-18 1 V1 02/12/2021 EXC7R tube SC-EXC7R-18 1 V0 23/09/2020 EXC7R tube SC-EXC7R-20 1 V0 23/09/2020 EXC7R top shell SC-EXC7R-22 1 V0 23/09/2020 EXC7R base SC-EXC7R-29 1 V0 23/09/2020 EXC7R base SC-EXTR-29 1 V0 23/09/2020 EXC7R base SC-EXH6R-A 1 & 2 V1 06/05/2022 EXH6R headlamp exploded drawing SC-EXH6R-B 1 V0 06/12/2021 EXH6R head part subassembly SC-EXH6R-C 1 & 2 V0 06/12/2021 EXH6R battery box subassembly SC-EXH6R-LA-01 1 V2 2022-12-06 EXH6R Electronics SC-EXH6R-33 1 to 4 V1 09/05/2022 EXH6R battery box down cover SC-EXH6R-01 1 V0	SC-EXC7R-06	1	V1	02/12/2021	EXC7R lamp head enclosure
SC-EXC7R-15 1 V1 03/12/2021 EXC7R base SC-EXC7R-18 1 V1 02/12/2021 EXC7R tube SC-EXC7R-20 1 V0 23/09/2020 EXC7R top shell SC-EXC7R-22 1 V0 23/09/2020 EXC7R LED heat-sink SC-EXC7R-29 1 V0 23/09/2020 EXC7R Φ3.2 four core cable SC-EXH6R-A 1 & 2 V1 06/05/2022 EXH6R headlamp exploded drawing SC-EXH6R-B 1 V0 06/12/2021 EXH6R head part subassembly SC-EXH6R-C 1 & 2 V0 06/12/2021 EXH6R battery box subassembly SC-EXH6R-LA-01 1 V2 2022-12-06 EXH6R Electronics SC-EXH6R-33 1 to 4 V1 09/05/2022 EXH6R Electronics SC-EXH6R-01 1 V0 06/12/2021 EXH6R battery box down cover SC-EXH6R-02 1 V0 06/12/2021 EXH6R battery box up cover SC-EXH6R-03 1 V0 06/12/2021 EXH6R battery box up cover SC-EXH6R-03 1 V0 06/12/2021 EXH6R battery box up cover	SC-EXC7R-07	1	V 0	23/09/2020	EXC7R mounting frame
SC-EXC7R-181V102/12/2021EXC7R tubeSC-EXC7R-201V023/09/2020EXC7R top shellSC-EXC7R-221V023/09/2020EXC7R LED heat-sinkSC-EXC7R-291V023/09/2020EXC7R \$\$.2 four core cableSC-EXH6R-A1 & 2V106/05/2022EXH6R headlamp exploded drawingSC-EXH6R-B1V006/12/2021EXH6R head part subassemblySC-EXH6R-C1 & 2V006/12/2021EXH6R battery box subassemblySC-EXH6R-LA-011V22022-12-06EXH6R ElectronicsSC-EXH6R-011V006/12/2021EXH6R battery box down coverSC-EXH6R-021V006/12/2021EXH6R battery box up coverSC-EXH6R-031V006/12/2021EXH6R battery box up coverSC-EXH6R-051V006/12/2021EXH6R battery box up coverSC-EXH6R-061V006/12/2021EXH6R battery box up coverSC-EXH6R-071V006/12/2021EXH6R battery box up coverSC-EXH6R-061V006/12/2021EXH6R batery box up coverSC-EXH6R-071V006/12/2021EXH6R headlamp base plateSC-EXH6R-071V006/12/2021EXH6R headlamp base plateSC-EXH6R-071V006/12/2021EXH6R cable sealing plugSC-EXH6R-141V006/12/2021EXH6R cable sealing plug	SC-EXC7R-09	1	V1	02/12/2021	EXC7R button
SC-EXC7R-20 1 V0 23/09/2020 EXC7R top shell SC-EXC7R-22 1 V0 23/09/2020 EXC7R LED heat-sink SC-EXC7R-29 1 V0 23/09/2020 EXC7R Φ3.2 four core cable SC-EXC7R-29 1 V0 06/05/2022 EXH6R headlamp exploded drawing SC-EXH6R-A 1 & 2 V1 06/05/2022 EXH6R head part subassembly SC-EXH6R-B 1 V0 06/12/2021 EXH6R head part subassembly SC-EXH6R-C 1 & 2 V0 06/12/2021 EXH6R battery box subassembly SC-EXH6R-LA-01 1 V2 2022-12-06 EXH6R Electronics SC-EXH6R-33 1 to 4 V1 09/05/2022 EXH6R battery box down cover SC-EXH6R-01 1 V0 06/12/2021 EXH6R battery box up cover SC-EXH6R-02 1 V0 06/12/2021 EXH6R battery box up cover SC-EXH6R-03 1 V0 06/12/2021 EXH6R battery box up cover SC-EXH6R-05 1 V0 06/12/2021 EXH6R base plate side cover SC-EXH6R-06 1 V0 06/12/2021	SC-EXC7R-15	1	V1	03/12/2021	EXC7R base
SC-EXC7R-22 1 V0 23/09/2020 EXC7R LED heat-sink SC-EXC7R-29 1 V0 23/09/2020 EXC7R Φ3.2 four core cable SC-EXH6R-A 1 & 2 V1 06/05/2022 EXH6R headlamp exploded drawing SC-EXH6R-B 1 V0 06/12/2021 EXH6R head part subassembly SC-EXH6R-B 1 V0 06/12/2021 EXH6R head part subassembly SC-EXH6R-C 1 & 2 V0 06/12/2021 EXH6R battery box subassembly SC-EXH6R-LA-01 1 V2 2022-12-06 EXH6R Electronics SC-EXH6R-03 1 to 4 V1 09/05/2022 EXH6R Electronics SC-EXH6R-01 1 V0 06/12/2021 EXH6R battery box down cover SC-EXH6R-02 1 V0 06/12/2021 EXH6R battery box up cover SC-EXH6R-03 1 V0 06/12/2021 EXH6R battery box up cover SC-EXH6R-05 1 V0 06/12/2021 EXH6R battery box up cover SC-EXH6R-06 1 V0 06/12/2021 EXH6R battery box up cover SC-EXH6R-06 1 V0 06/12/2021	SC-EXC7R-18	1	V1	02/12/2021	EXC7R tube
SC-EXC7R-291V023/09/2020EXC7R Φ3.2 four core cableSC-EXH6R-A1 & 2V106/05/2022EXH6R headlamp exploded drawingSC-EXH6R-B1V006/12/2021EXH6R head part subassemblySC-EXH6R-C1 & 2V006/12/2021EXH6R battery box subassemblySC-EXH6R-LA-011V22022-12-06EXH6R IECEx laser drawingSC-EXH6R-1A1V009/05/2022EXH6R ElectronicsSC-EXH6R-011V006/12/2021EXH6R battery box down coverSC-EXH6R-021V006/12/2021EXH6R battery box up coverSC-EXH6R-031V006/12/2021EXH6R buttonSC-EXH6R-051V006/12/2021EXH6R battery box up coverSC-EXH6R-061V006/12/2021EXH6R battery box up coverSC-EXH6R-071V006/12/2021EXH6R battery base plateSC-EXH6R-071V006/12/2021EXH6R battery base plateSC-EXH6R-071V006/12/2021EXH6R cable sealing plugSC-EXH6R-141V006/12/2021EXH6R charging contact pin	SC-EXC7R-20	1	V 0	23/09/2020	EXC7R top shell
SC-EXH6R-A1 & 2V106/05/2022EXH6R headlamp exploded drawingSC-EXH6R-B1V006/12/2021EXH6R head part subassemblySC-EXH6R-C1 & 2V006/12/2021EXH6R battery box subassemblySC-EXH6R-LA-011V22022-12-06EXH6R IECEx laser drawingSC-EXH6R-331 to 4V109/05/2022EXH6R ElectronicsSC-EXH6R-011V006/12/2021EXH6R battery box down coverSC-EXH6R-021V006/12/2021EXH6R battery box up coverSC-EXH6R-031V006/12/2021EXH6R buttonSC-EXH6R-061V006/12/2021EXH6R base plate side coverSC-EXH6R-071V006/12/2021EXH6R headlamp base plateSC-EXH6R-071V006/12/2021EXH6R cable sealing plugSC-EXH6R-141V006/12/2021EXH6R charging contact pin	SC-EXC7R-22	1	V 0	23/09/2020	EXC7R LED heat-sink
SC-EXH6R-B1V006/12/2021EXH6R head part subassemblySC-EXH6R-C1 & 2V006/12/2021EXH6R battery box subassemblySC-EXH6R-LA-011V22022-12-06EXH6R IECEx laser drawingSC-EXH6R-331 to 4V109/05/2022EXH6R ElectronicsSC-EXH6R-011V006/12/2021EXH6R battery box down coverSC-EXH6R-021V006/12/2021EXH6R battery box up coverSC-EXH6R-031V006/12/2021EXH6R battery box up coverSC-EXH6R-051V006/12/2021EXH6R battery box up coverSC-EXH6R-061V006/12/2021EXH6R battery base plate side coverSC-EXH6R-071V006/12/2021EXH6R headlamp base plateSC-EXH6R-071V018/09/2020EXH6R cable sealing plugSC-EXH6R-141V006/12/2021EXH6R charging contact pin	SC-EXC7R-29	1	V 0	23/09/2020	EXC7R Φ 3.2 four core cable
SC-EXH6R-C 1 & 2 V0 06/12/2021 EXH6R battery box subassembly SC-EXH6R-LA-01 1 V2 2022-12-06 EXH6R IECEx laser drawing SC-EXH6R-33 1 to 4 V1 09/05/2022 EXH6R Electronics SC-EXH6R-01 1 V0 06/12/2021 EXH6R battery box down cover SC-EXH6R-02 1 V0 06/12/2021 EXH6R battery box up cover SC-EXH6R-03 1 V0 06/12/2021 EXH6R battery box up cover SC-EXH6R-03 1 V0 06/12/2021 EXH6R battery box up cover SC-EXH6R-03 1 V0 06/12/2021 EXH6R battery box up cover SC-EXH6R-05 1 V0 06/12/2021 EXH6R battery box up cover SC-EXH6R-06 1 V0 06/12/2021 EXH6R base plate side cover SC-EXH6R-06 1 V0 06/12/2021 EXH6R headlamp base plate SC-EXH6R-07 1 V0 18/09/2020 EXH6R cable sealing plug SC-EXH6R-14 1 V0 06/12/2021 EXH6R charging contact pin	SC-EXH6R-A	1 & 2	V1	06/05/2022	EXH6R headlamp exploded drawing
SC-EXH6R-LA-011V22022-12-06EXH6R IECEx laser drawingSC-EXH6R-331 to 4V109/05/2022EXH6R ElectronicsSC-EXH6R-011V006/12/2021EXH6R battery box down coverSC-EXH6R-021V006/12/2021EXH6R battery box up coverSC-EXH6R-031V006/12/2021EXH6R buttonSC-EXH6R-051V006/12/2021EXH6R battery base plate side coverSC-EXH6R-061V006/12/2021EXH6R headlamp base plateSC-EXH6R-071V018/09/2020EXH6R cable sealing plugSC-EXH6R-141V006/12/2021EXH6R charging contact pin	SC-EXH6R-B	1	V 0	06/12/2021	EXH6R head part subassembly
SC-EXH6R-331 to 4V109/05/2022EXH6R ElectronicsSC-EXH6R-011V006/12/2021EXH6R battery box down coverSC-EXH6R-021V006/12/2021EXH6R battery box up coverSC-EXH6R-031V006/12/2021EXH6R buttonSC-EXH6R-051V006/12/2021EXH6R base plate side coverSC-EXH6R-061V006/12/2021EXH6R headlamp base plateSC-EXH6R-071V018/09/2020EXH6R cable sealing plugSC-EXH6R-141V006/12/2021EXH6R charging contact pin	SC-EXH6R-C	1 & 2	V 0	06/12/2021	EXH6R battery box subassembly
SC-EXH6R-011V006/12/2021EXH6R battery box down coverSC-EXH6R-021V006/12/2021EXH6R battery box up coverSC-EXH6R-031V006/12/2021EXH6R buttonSC-EXH6R-051V006/12/2021EXH6R base plate side coverSC-EXH6R-061V006/12/2021EXH6R headlamp base plateSC-EXH6R-071V018/09/2020EXH6R cable sealing plugSC-EXH6R-141V006/12/2021EXH6R charging contact pin	SC-EXH6R-LA-01	1	V2	2022-12-06	EXH6R IECEx laser drawing
SC-EXH6R-021V006/12/2021EXH6R battery box up coverSC-EXH6R-031V006/12/2021EXH6R buttonSC-EXH6R-051V006/12/2021EXH6R base plate side coverSC-EXH6R-061V006/12/2021EXH6R headlamp base plateSC-EXH6R-071V018/09/2020EXH6R cable sealing plugSC-EXH6R-141V006/12/2021EXH6R charging contact pin	SC-EXH6R-33	1 to 4	V1	09/05/2022	EXH6R Electronics
SC-EXH6R-031V006/12/2021EXH6R buttonSC-EXH6R-051V006/12/2021EXH6R base plate side coverSC-EXH6R-061V006/12/2021EXH6R headlamp base plateSC-EXH6R-071V018/09/2020EXH6R cable sealing plugSC-EXH6R-141V006/12/2021EXH6R charging contact pin	SC-EXH6R-01	1	V 0	06/12/2021	EXH6R battery box down cover
SC-EXH6R-051V006/12/2021EXH6R base plate side coverSC-EXH6R-061V006/12/2021EXH6R headlamp base plateSC-EXH6R-071V018/09/2020EXH6R cable sealing plugSC-EXH6R-141V006/12/2021EXH6R charging contact pin	SC-EXH6R-02	1	V 0	06/12/2021	EXH6R battery box up cover
SC-EXH6R-061V006/12/2021EXH6R headlamp base plateSC-EXH6R-071V018/09/2020EXH6R cable sealing plugSC-EXH6R-141V006/12/2021EXH6R charging contact pin	SC-EXH6R-03	1	V 0	06/12/2021	EXH6R button
SC-EXH6R-071V018/09/2020EXH6R cable sealing plugSC-EXH6R-141V006/12/2021EXH6R charging contact pin	SC-EXH6R-05	1	V 0	06/12/2021	EXH6R base plate side cover
SC-EXH6R-14 1 V0 06/12/2021 EXH6R charging contact pin	SC-EXH6R-06	1	V 0	06/12/2021	EXH6R headlamp base plate
	SC-EXH6R-07	1	V0	18/09/2020	EXH6R cable sealing plug
SC-EXH6R-16 1 V1 06/12/2021 EXH6R cable restraint	SC-EXH6R-14	1	V 0	06/12/2021	EXH6R charging contact pin
	SC-EXH6R-16	1	V1	06/12/2021	EXH6R cable restraint
SC-EXH6R-18 1 V0 06/12/2021 EXH6R three cores cable	SC-EXH6R-18	1	V0	06/12/2021	EXH6R three cores cable
SC-EXH6R-20 1 V0 06/12/2021 EXH6R headlamp sideband	SC-EXH6R-20	1	V 0	06/12/2021	EXH6R headlamp sideband

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Number	Sheet	Issue	Date	Description
SC-EXH6R-27	1	V0	06/12/2021	EXH6R reflective sticker
SC-EXH6R-30	1	V 0	06/12/2021	EXH6R battery box light transmission column
SC-EXH6R-31	1	V1	30/05/2022	EXH6R encapsulation frame
SC-EXH6R-34	1	V 0	06/12/2021	EXH6R headlamp top band
5010170EY0-26	1	V0	25/01/2018	5010170EY0头灯带方扣(黑色)
5010170EY0-27	1	V 0	25/01/2018	5010170EY0头灯三画扣(黑色)
EX5837-RY0-07	1	V1	18/10/2019	EX5837-RY0 18650电池盒封胶框
EX5836Y0-10	1	V2	16/10/2017	EX5836Y0保险丝封胶框(透明)

All drawings are common to, and held with, IECEx BAS 22.0027.