

EU - TYPE EXAMINATION CERTIFICATE

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

- 1
- 2
- 3 EU - Type Examination Certificate Number: **SGS21ATEX0124**
- 4 Product: **RAZOR 60160/RAZOR FSL 60170 Flashlights**
- 5 Manufacturer: **Koehler-Bright Star**
- 6 Address: **380 Stewart Road, Hanover Twp, PA 18706, United States of America**
- 7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- 8 SGS Fimko 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/ExTR21.0134/00**
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN IEC 60079-0:2018 EN 60079-11:2012 EN 60079-28:2014
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:
⊕ II 1 G Ex ia op is IIC T2 Ga

SGS Fimko Oy Customer Reference No. **7128**

Project File No. **21/0512**

This document is issued by the Company subject to their General Conditions for Certification Services accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company’s findings at the time of their intervention only and within the limits of Client’s instructions, if any. It does not necessarily indicate that the equipment may be used in particular industries or circumstances. The Company’s sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, schedule included, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Fimko Oy

Takomotie 8
FI-00380 Helsinki, Finland
Telephone +358 (0)9 696 361
e-mail sgs.fimko@sgs.com
web site www.sgs.fi

Business ID 0978538-5 Member of the SGS Group (SGA SA)



Tuomas Hänninen
SGS Fimko Oy

13 **Schedule**

14 **Certificate Number SGS21ATEX0124**

15 **Description of Product**

RAZOR 60160 and RAZOR FSL 60170 Flashlights are powered by 3 x 1.5V AA cells in series. The three Alkaline cell types that may be used are marked on the body of the flashlight: Duracell (MN1500) LR6; Energizer Alkaline LR06; Rayovac AA LR06.

RAZOR 60160 operates with one spotlight and the RAZOR FSL 60170 has a side light and a spotlight. The unit is cylindrical in shape with approximately 18cm in length and 4.5cm round. The irradiated area of the light source or the lens is effectively around 1000mm².

16 **Report Number**

GB/BAS/ExTR21.0134/00

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	Compliance
1.4.1	External effects	The Purchaser should make the manufacturer aware of such issues.
1.4.2	Aggressive substances, etc.	The Purchaser should make the manufacturer aware of such issues.

19 **Drawings and Documents**

Number	Sheet	Issue	Date	Description
3B-2241	1 of 3	--	10/20/2020	SWITCH/CONTROL BOARD ASSEMBLY MODEL 60160
3B-2241	2 of 3	--	10/20/2020	MAIN LED PCB ASSEMBLY MODEL 60160
3B-2241	3 of 3	--	10/20/2020	SCHEMATIC MODEL 60160
3B-2242	1 of 4	--	10/20/2020	SWITCH/CONTROL BOARD ASSEMBLY MODEL 60170
3B-2242	2 of 4	--	10/20/2020	MAIN LED PCB ASSEMBLY MODEL 60170
3B-2242	3 of 4	--	10/20/2020	DOWNLIGHT PCB ASSEMBLY MODEL 60170
3B-2242	4 of 4	--	10/20/2020	SCHEMATIC MODEL 60170
10B-2239	1 & 2	B	6/10/21	RAZOR
10B-2240	1 & 2	B	6/10/21	RAZOR FSL

These drawings are common to, and held with, IECEx BAS 21.0042