



| CODE   | NUMBER                                             | PACKING                |
|--------|----------------------------------------------------|------------------------|
| CZ     | LED                                                | 12 / 48                |
| UN     | 77188                                              | pc. / St. / szt. / wr. |
| COLORS | B, BA, BOG, BR, BS, G<br>K, BE, KR, MO, P, R, S, Y |                        |

## EN Instruction for use

## DE Gebrauchsanweisung

## PL Instrukcja użytkowania

support.rawpol.com for other languages

RU RO UA CZ SK HU LT LV EE BY MD BG SI ES AT NL FR DA PT IT SE FR NO TR GR

PRODUCT NAME:

Protective clothing

Schutzkleidung

Odzież ochronna

| STANDARDS | EN ISO 13688:2013+A1:2021 | EN ISO 12947-2:2016 | RS26401:2018 | RS26101:2019 |
|-----------|---------------------------|---------------------|--------------|--------------|
|-----------|---------------------------|---------------------|--------------|--------------|

Only for the minimal risks - Nur für minimale Risiken - Тільки до мінімальних загроз - Исключительно для минимальных угроз: RAW-POL Stefanski S.K.A., Julianów 50, 96-200 Julianów, Poland



The member of REIS GROUP

V.B.I.CC.107

### EN INSTRUCTION AND INFORMATION FOR THE USERS

**Manufacturer:** RAW-POL Stefanski S.K.A., Julianów 50, 96-200 Julianów, Poland, [info@rawpol.com](mailto:info@rawpol.com)  
This product belongs to the Personal Protective Equipment (PPE), defined in the Regulation (EU) 2016/425 of the European Parliament and of the Council and meets the guidelines of that regulation. It was classified to category I – only for the minimal risks. The product complies with the provisions of the Directive of the European Parliament and of the Council 2014/30/EU (EMC - Electromagnetic Compatibility) and 2011/65/EU (RoHS - Restriction of Hazardous Substances).  
**Standards:** EN ISO 13688:2013+A1:2021 „Protective clothing. General requirements”; EN ISO 12947-2:2016 „Textiles. Determination of the abrasion resistance of fabric by the Martindale method. Part 2: Determination of specimen break down”; Internal technical specification of the manufacturer: RS26401:2018, RS26101:2019.  
**Product description:** Protective cap with LED lighting. Detailed characterisation of the product is provided in rawpol.com.

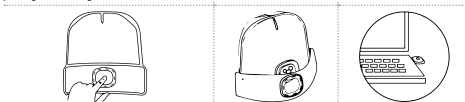
**Intended use:** Protection against the following minimal risks: superficial mechanical injury that do not need medical attention, e.g. scratches resulting from bumping into fixed obstacles and gardening; atmospheric conditions that are not of an extreme nature, i.e. cool temperature higher than -5°C at medium work intensity. Working time depends on many factors, such as wind strength or individual user's characteristics or work environment, so it is not possible to specify it precisely. More information about the conditions in which the tests were conducted can be obtained at rawpol.com or directly from a manufacturer, an authorized representative or an authorized distributor. The level of protection was obtained on the basis of tests carried out according to conditions described in the norms / specifications to which they apply. The product provides protection against the above risks and it is intended for use in the environments in which they occur. Please always carry out a risk assessment in a given work environment to verify whether the product provides protection against all risks available in this environment.

**Restrictions:** Do not use the product other than in accordance with the intended purpose, recommendations in the instructions, in average conditions and high-risk (for which it is appropriate to apply measures to protect individual category II and III) and when the type of work related to the product may be caught up by moving objects, e.g. moving parts of machines and such PPE being caught is associated with a health or safety hazard. This product does not protect parts of the body which it does not cover. Protection against risks and dangers not mentioned in the instructions is not guaranteed. Do not let children play with the product. Do not throw light into water.

**Use and operation:** This product is personal protection of simple design, the operation efficiency level of which in relation to minimal risks can be assessed by the user. The personal liability of the user is determined to ensure protective function of the product. This product is intended to be worn. This product must be put on the body. If the product has any fasteners, they need to be fastened / zipped. If the product has components to tie, they need to be tied. It should be noted that the product lies comfortably and gives freedom of movement (to this, match all kinds of adjustments, if any). In order to remove the product, all fasteners / zips and / or tie elements and / or zipped elements and / or previously tied elements, if any. If the product is worn together with other individual protection equipment, note that total protective functions depending on the intended use are guaranteed. In any event, requirements shall take precedence. Before use, the user shall check, on his / her own responsibility, that the product is suitable to the operations, is complete and whether all protective functions are guaranteed. Check whether there are any damages that have a negative impact on safety features (e.g. cracks, holes, broken seams, damaged fasteners, abrasions). If there is such a negative impact, before use, return to the original good condition of the product (to do this, contact the manufacturer or the authorised representative of the manufacturer), and if this is not possible, it must be replaced. When operation, pay attention to keep protective functions and protection means that the product has been worn. Do not use a damaged or worn out product. The product does not have additional equipment and spare parts. Materials used to make the product, should not adversely affect the user's hygiene or health. However, as substances contained in the material of the product or being a component of the product can be allergen, such as cotton, leather, metal parts, latex, stains, etc. It is recommended that sensitive persons test the product or seek for medical advice before use.

To turn on the lighting mode, press the central button between the LEDs. There are three modes to adjust the light intensity. The mode is changed by pressing the button again.

To remove a luminous element, remove it from the cap. The luminous element is charged via the USB port.



**Size:** The product should be of sufficient size, which must be adjusted before starting operation. The product size is provided directly on the product or on internal label or on packaging. Available size range is specified in the field SIZES. Full size range is provided in the tables available on rawpol.com.

**Cleaning, maintenance and disinfection:** Recommendations for maintenance, cleaning are provided on the label of the product. It is recommended to use generally commercially available cleaners, preservatives for each type of material, which does not have negative impact on the user's body. The products, which do not have sewn-in the maintenance, cleaning label, must only be cleaned with water, soft cloth, dry flat.

It is not recommended to use any additional methods for disinfection and disinfectants, as this may have impact on reducing levels of protection.

The pictograms for maintenance, cleaning with an explanation:

☐ - Wash in water, to 30°C, ☐ - do not bleach / chlorine, ☐ - do not tumble dry, ☐ - Dry flat, ☐ - Do not iron, ☐ - Do not dry clean.

**Storage:** The product should be stored at the appropriate temperature, in dry and ventilated place. Too high humidity of air, too high or low temperature or intense light can adversely impact the product quality. Manufacturer accepts no liability for the quality of the product stored contrary to the instructions. This may result in a lowering of the product protection level.

**Type of packaging:** It is recommended to distribute (including transport) the product in the package with cardboard or plastic film. Loading, transport and unloading should take place in environment protecting against splashes, dirt

and damage.

**Product durability** can be estimated on the basis of the product wear and tear. Considering various use intensities and environmental factors, such as sunlight, rain, etc., it is not possible to provide a precise span. The product retains its protective properties up to the moment of a damage which cannot be repaired without decreasing its protective level. Occurrence of mechanical damages means that the product should be repaired or immediately withdrawn from use. With proper warehousing the storage time of the product can be up to 10 years from the date of production (in the case of clothing containing polyurethane up to 6 years).

**Date of manufacture** is indicated on the label or on the product. This is with the batch number, e.g. 290120191234; explanation: the third and fourth digits indicate month of manufacturing, and the subsequent four digits identify year of manufacturing. Other digits together with the above identify the number of batch.

**The access to the EU declaration of conformity can be accessed at support.rawpol.com.**

In the event that the user has any questions or needs more information, please visit our website, download the new version. Current instructions are available on the rawpol.com or support.rawpol.com. This manual is marked with version V. B.I.CC.107, where B.I.CC.107 is the identifier of product group and 107 the subsequent version number. If the labels explained herein are not the same as labels on the product or on the packaging, this means that the manual is for labels on the product or other product. It is essential to verify having current / appropriate manual for the possessed product. If the manual is out-of-date or inappropriate to the batch, it is essential to obtain current / appropriate manual and refer to its contents. **Do not start operation without reading information included in the current / correct operation manual!** This manual can be REPEATEDLY COPIED IN ORDER ANY USER CAN READ THE INFORMATION INCLUDED HEREIN. In any doubt please consult with safety expert, the manufacturer or the authorized representative of the manufacturer in order to explain them.

**Explanation of used symbols:** CODE – commodity product code, NUMBER – article number, SIZES – available sizes, COLOURS – available colour range, PACKAGING – quantity of the product in the smallest packaging / quantity in the carton, I – batch code, II – date of manufacture, I (CEE) – manufacturer's identification mark, I – refer to the operational manual, I – online instruction, C – conformity mark, II – conformity sign of the Customs Union, I – ukrainian conformity sign, II – Great Britain conformity sign, % – symbol of separate collection. The device may not be disposed of as household waste. The user is obliged to return waste electrical and electronic equipment to the collection point for waste equipment for disposal with the battery.

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### DE ANLEITUNG UND INFORMATIONEN FÜR DIE BENUTZER

**Hersteller:** RAW-POL Stefanski S.K.A., Julianów 50, 96-200 Julianów, Polen, [info@rawpol.com](mailto:info@rawpol.com)  
Dieses Produkt gehört zur persönlichen Schutzausrüstung (PSA), die in der Verordnung (EU) 2016/425 des Europäischen Parlaments und des Rates und erfüllt die Anforderungen dieser Verordnung. Es wurde in der Kategorie I, d.h. nur für minimale Risiken, eingestuft. Das Produkt entspricht den Bestimmungen der Richtlinie des Europäischen Parlaments und des Rates 2014/30/EU (EMV - Elektromagnetische Verträglichkeit) und 2011/65/EU (RoHS - Beschränkung gefährlicher Stoffe).

**Standards:** EN ISO 13688:2013+A1:2021 „Schutzbekleidung. Allgemeine Anforderungen“; EN ISO 12947-2:2016 „Textilien. Bestimmung der Abriebfestigkeit von Geweben nach Martindale. Teil 2: Bestimmung des Probendurchbruches“; Interne technische Spezifikation des Herstellers: RS26401:2018, RS26101:2019.

**Produkt/Beschreibung:** Schutzhülle mit LED-Beleuchtung. Die detaillierte Produktspezifikation ist der Website rawpol.com zu entnehmen.

**Zweckbestimmung:** Dieses Produkt zählt zur persönlichen Schutzausrüstung ES ist zum Schutz des Benutzers nur vor minimalen Risiken vorgesehen, wie z.B.: oberflächliche mechanische Verletzungen, die keine medizinische Hilfe erfordern, z.B. Kratzer, die durch das Auftreten auf permanente Hindernisse verursacht oder während der Gartenarbeit verursacht wurden; Witterungsbedingungen, die nicht von extremer Art sind, wie eine Kühle Temperatur mehr als -5°C bei mittlerer Arbeitsintensität. Die Arbeitszeit hängt von vielen Faktoren wie der Windstärke oder den Eigenschaften des einzelnen Benutzers oder der Arbeitsumgebung ab, daher ist es nicht möglich, sie genau zu spezifizieren. Weitere Informationen über die Bedingungen, unter denen die Tests durchgeführt wurden, erhalten Sie bei rawpol.com oder direkt beim Hersteller, einem autorisierten Vertreter oder einem autorisierten Händler. Das Schutzniveau wurde auf der Grundlage von Tests erreicht, die gemäß den Bedingungen durchgeführt wurden, die in den Normen / Spezifikationen, auf die sie sich beziehen, beschrieben sind. Das Produkt bietet Schutz vor den oben genannten Risiken und ist für den Einsatz in der Umgebung bestimmt, in der es auftritt. Bitte führen Sie in einer gegebenen Arbeitsumgebung immer eine Risikobewertung durch, um zu überprüfen, ob das Produkt Schutz gegen alle in dieser Umgebung verfügbaren Risiken bietet.

**Einschränkungen:** Verwenden Sie das Produkt nicht anders als in Übereinstimmung mit dem beabsichtigten Zweck, Empfehlungen in der Anweisung, in durchschüttelten Bedingungen und mit hohem Risiko für die es angemessen ist, nicht zu verwenden, z.B. das Produkt vor permanenten Hindernissen verursacht oder während der Gartenarbeit. Das Schutzniveau wurde auf der Grundlage von Tests erreicht, die gemäß den Bedingungen durchgeführt wurden, die in den Normen / Spezifikationen, auf die sie sich beziehen, beschrieben sind. Das Produkt bietet Schutz vor den oben genannten Risiken und ist für den Einsatz in der Umgebung bestimmt, in der es auftritt. Bitte führen Sie in einer gegebenen Arbeitsumgebung immer eine Risikobewertung durch, um zu überprüfen, ob das Produkt Schutz gegen alle in dieser Umgebung verfügbaren Risiken bietet.

**Nutzung und Bedienung:** Das Produkt gilt als persönliche Schutzausrüstung mit einfacher Konstruktion, deren Wirkungsgrad gegenüber minimalen Risiken der Benutzer selbst einschätzen kann. Die Schutzfunktion des Produkts hängt von der persönlichen Verantwortung des Benutzers ab. Dieses Produkt ist zum Tragen vorgesehen. Das Produkt wird angezeigt, wenn der Benutzer irgendwelche Verschleißerscheinungen vorfindet, so sind diese zuzunehmen / zuzubehalten. Verfügt das Produkt über Elemente zum Binden, so müssen diese gebunden werden. Es ist darauf zu achten, dass das Produkt bequem anliegt und eine Bewegungsfreiheit ermöglicht (zu diesem Zweck sind etwaige Verstellmöglichkeiten, falls vorhanden, entsprechend einzustellen). Um das Produkt abzunehmen, müssen zunächst sämtliche zuvor zugeknöpfte / zugebogene Verschlüsse aufgeknöpft bzw. freigeschoben und zuvor gebundene Elemente, falls vorhanden, freigeschoben werden. Wird das Produkt zusammen mit anderen persönlichen Schutzelementen getragen, so ist darauf zu achten, dass die Gesamtschutzfunktionen je nach Verwendungszweck, garantiert sind. In jedem Fall haben die Anforderungen Vorrang. Vor dem Gebrauch hat der Benutzer auf eigene Verantwortung zu

**Erläuterung der verwendeten Symbole:** CODE - Warencode des Produkts, NUMBER - Artikelnummer, SIZES - verfügbare Größen, COLOURS - verfügbare Farben, PACKING - Anzahl der Produkte in der kleinsten Kartonverpackung, 107 - Chargennummer, 23 - Produktionsdatum,  (reis) - Identifikationszeichen des Herstellers,  - machen Sie sich mit der Gebrauchsanleitung vertraut,  - online-Anleitung, CE - Konformitätszeichen,  - Zollunion-Konformität.

**Rozmiar:** Wyrób powinien mieć właściwy rozmiar, który należy dopasować, przymierzając go przed przystąpieniem do

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