



(1) **EU-TYPE EXAMINATION CERTIFICATE**

(2) **Directive 2014/34/EU of the European Parliament and of the council of 26 February 2014 Equipment intended for Explosive Atmosphere -ATEX Directive**

(3) **ProCert No** :SUW-CERT
(4) **Certificate Number** :SGSNA24ATEX020901X
Issue No :0
(5) **Equipment** :FRT-EX, FRT-FS
(6) **Manufacturer** :Parhelion Inc.
(7) **Address** : Salem Street Executive Suite 200, 126 N Salem St, Apex, NC 27502, USA

(8) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(9) SGS Canada Inc., Notified Body Number 3015 in accordance with Article 17 and Article 21 of the 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, using EU Type Examination Certificate module as detailed under Annex III of this Directive.

(10) Compliance with the Essential Health and Safety Requirements has been assured by compliance with the following Harmonized Standards : EN 60079-0:2018; EN 60079-11:2012; EN 60079-28:2015

Where additional criteria beyond those given here have been used, they are listed at item 16 in the Schedule.

(11) The marking of the product shall include the following

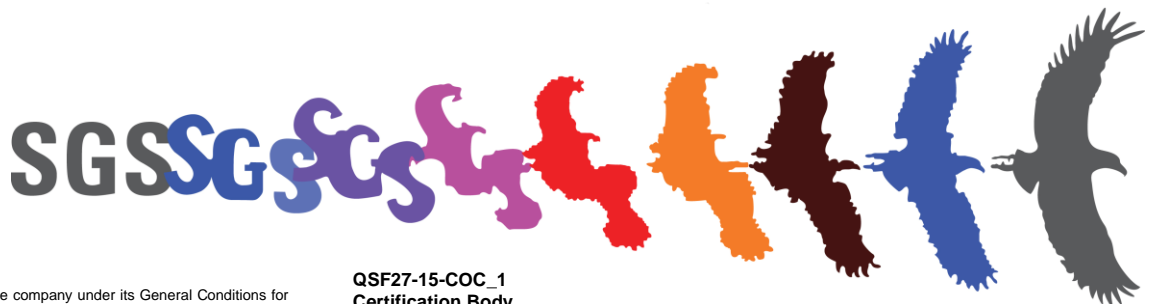
II 1G Ex ia op is IIC T* Ga

II 1G Ex ia op is IIIC T135C Da

*T3 WHEN USED WITH FRT-BAT-EX, T4 WHEN USED WITH FRT-BAT-EX2.

Battery Powered: 7.2VDC(nominal), 7.4VDC(nominal). Ordinary location charging: 8.4VDC, 1.2A

(12) **Product Description** : Flashlight with two optical sources, LED light and LASER light.



This certificate is issued by the company under its General Conditions for Certification Services accessible at <https://www.sgs.com/en/terms-and-conditions>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this Certificate. 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.

QSF27-15-COC_1
Certification Body

SGS Canada Inc.
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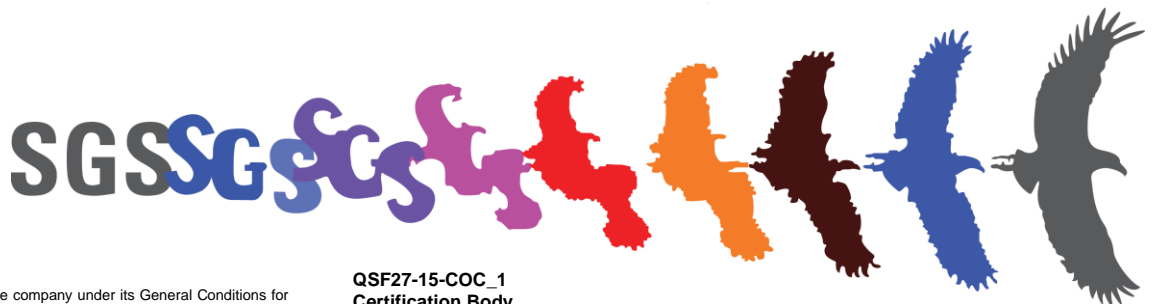


- (13) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the "Specific Conditions of Use" listed under item 15 of this certificate. {paragraph cannot be used for components}.
If the sign "U" placed behind the certificate number, it indicates that this certificate should not be confused with certificates issued for equipment of protective systems. This partial certification may not be used as basis for certification of an equipment or protective systems. "Schedule Of Limitations" is listed under item 15 of this certificate.
- (14) This EU-Type Examination Certificate relates only to the technical design of the specified product in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- (15) **Special conditions of safe use for "X":**
The flashlight shall not be charged in explosive atmospheres using the wireless charger.
- (16) Essential health and safety requirements met by compliance with the requirements mentioned in item 10 and where required, the report listed in item 3.
- (17) This Notification may be withdrawn if the manufacturer does not satisfy the requirements of the Directive or fails to maintain a quality system that can demonstrate compliance to Annex IV (or) Annex VII (or) Annex V of EU Directive 2014/34/EU.

Authorized by
Vijay Rangarajan

Effective date: July 17, 2024

Vijayaraghavan Rangarajan



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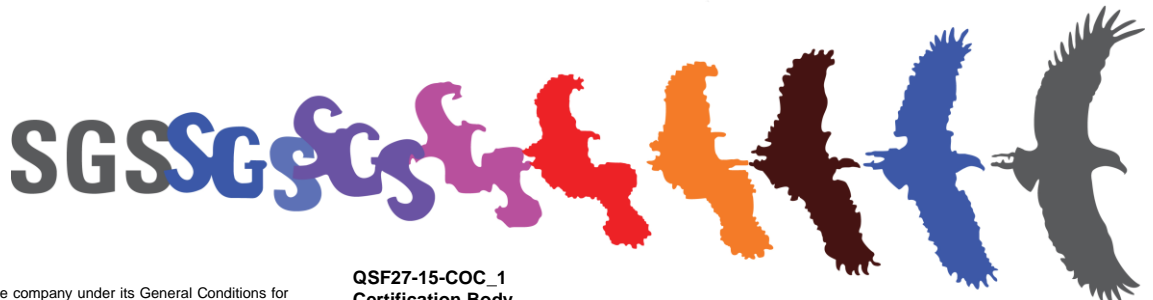
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(18) Routine (Factory) Tests: N/A

(19) Critical Drawings and Documentation-Tabulated based on Issue Number

Issue 0				
S. No	Drawing No.	Description	Rev.	Date
1	SL-CERT2022-00A	Product Addendum	2.3.0	27/01/2023
2	SL-CERT2022-00B	Safety Design	2.3.0	01/08/2022
3	SL-CERT2023-00C	Construction Main PCB	4.0.6	23/10/2023
4	SL-CERT2022-00D-1	LED-Laser PCB	2.2.0	29/06/2019
5	SL-CERT2022-00E	Battery PCB	1.1.0	23/06/2020
6	SL-CERT2022-00F	Safety Assembly	2.1.0	05/09/2020
7	SL-CERT2022-00G-FS	FRT Model FS User Manual	3.0.0	09/07/2022
8	SL-CERT2022-00G	FRT Modes L1 and EX User Manual	3.0.0	09/07/2022
9	SL-CERT2022-00H	BOM LED-Laser PCB	2.2.1	13/06/2022
10	SL-CERT2022-00I	BOM Battery PCB	1.1.0	30/08/2020
11	SL-CERT2023-00J	BOM Main PCB L1 & EX	4.0.6	23/10/2023
12	SL-CERT2023-00J-FS	BOM Main PCB FS	4.0.6	23/10/2023
13	SL-CERT2022-00K	Stripelight Serial Label	1.1.4	09/07/2022
14	SL-CERT2022-00L	Manufacture Batch Record	1.1.0	16/04/2020
15	SL-CERT2023-00M	Main PCB	4.0.6	23/10/2023
16	SL-CERT2022-00N	Certification Label	4.0.0	01/11/2022
17	SL-CERT2022-00O	Manufacture Engineering Change Control	1.1.0	01/07/2020
18	SL-CERT2022-00P	Construction Battery PCB	1.1.0	23/06/2020
19	SL-CERT2022-00Q	Construction LED-Laser PCB	2.2.0	10/10/2019
20	SL-CERT2022-00Q-FS	Construction LED-Only PCB	1.0.2	09/07/2022
21	SL-CERT2022-00R	Construction Materials	1.1.0	10/10/2019
22	SL-CERT2022-001	Exploded Drawing	1.2.0	19/12/2022
23	SL-CERT2022-002	Bezel Ring Assembly	1.2.0	22/12/2019
24	SL-CERT2022-003	Bezel Switching	1.2.0	22/12/2019
25	SL-CERT2022-004	Foot Magnet Drawing	1.2.0	22/12/2019
26	SL-CERT2022-005	Screws	1.0.0	14/04/2020
27	SL-CERT2022-006	Torque	1.0.0	14/04/2020
28	SL-CERT2022-007	O-Ring	1.0.0	25/03/2020
29	SL-CERT2022-008	Magnet	1.0.0	30/05/2019
30	SL-CERT2022-009	Housing Body	1.2.0	22/12/2019
31	SL-CERT2022-010	Face Window	1.2.0	22/12/2019
32	SL-CERT2022-011	Laser Diode	1.0.0	23/11/2020
33	SL-CERT2022-012	Laser Module	7.0.0	31/08/2019



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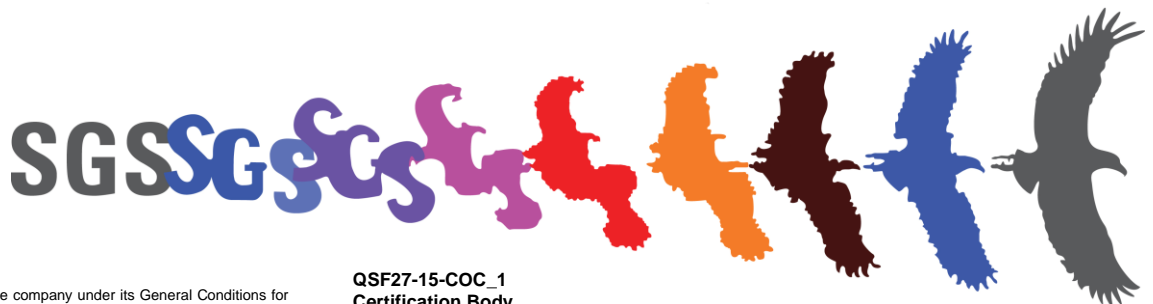


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34	SL-CERT2022-00H-FS	Stripelight FRT LED PXB BOM(Model FS)	2.2.1	13/06/2022
35	SL-CERT2022-00D-2	Stripelight FS Cary LED Light Module PCB (Cary PCB) Schematic	1.0.0	15/11/2021
36	SL-CERT2023-00J-FS	BOM FRT-FS Main PCB Stripelight (Main PCB Model FS Bill Of Materials)	4.0.6	10/10/2023
37	SL-CERT2023-00M	Stripelight FRT FS Model Main PCB Schematic (Main FS PCB)	4.0.6	10/10/2023
38	SL-CERT2022-001-FS	Exploded Drawing (Stripelight FRT Model FS Assembly)	1.3.0	25/08/2022

(20)	Certification History
Iss. No	Purpose
0	Initial release



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