

EU DECLARATION OF CONFORMITY

January 31, 2024

Declaration Number: 2024-0131-0001

Trademark: Stripelight

Product Type: Flashlight

Model Numbers: FRT-EX, FRT-FS

Manufacturer:

Parhelion Incorporated
Salem Street Exec Suites Ste 200
Apex, NC 27502
United States

Declare that the product:

This declaration of conformity is issued under the sole responsibility of the **Parhelion Incorporated (dba Stripelight)**, a corporation organized and incorporated under State of Delaware, United States with its headquarters located at,

Salem Street Exec Suites Ste 200
126 North Salem Street
Apex, NC, 27502
United States
Tel. +1 866 409 1839

for product models FRT-EX and FRT-FS for which this declaration applies identified as follows:



Model FRT-EX

The equipment comprises a body colored neon yellow, a clear optic face shield for LED and Laser light sources, a black rotating bezel circumference the face shield containing nickel-plated magnets, a black foot lid, and a fixing clip. Inside contains a 7.4V 2600mAh to 3350mAh lithium cell with self-containing battery management circuit board, two printed circuit boards with electronics, and two heat sinks. Light sources consist of high-power white LED with optic and 450nm wavelength <5mW Laser with diffraction grating optic. All switching is performed via magnetic sensors, no mechanical switching.

Physical characteristics comprise Sealed Enclosure PA66@15% with Fireproof and UV (Polyamide 66 with Halogen-free organic phosphorus flame retardant) protection and infused glass fibers. Face window optical grade polycarbonate. Dimensions 210mm X 60mm X 50mm (8.25" X 2.35" X 2.0"). Weight 540g (1.2 lbs). Color Neon-Yellow and Black.



Model FRT-FS

The equipment comprises a body colored neon yellow, a clear optic face shield for LED light source, a black rotating bezel circumference the face shield containing nickel-plated magnets, a black foot lid, and a fixing clip. Inside contains a 7.4V 2600mAh to 3350mAh lithium cell with self-containing battery management circuit board, two printed circuit boards with electronics, and one heat sink. Light sources consist of a single high-power white LED with optic. All switching is performed via magnetic sensors, no mechanical switching.

Physical characteristics comprise Sealed Enclosure PA66@15% with Fireproof and UV (Polyamide 66 with Halogen-free organic phosphorus flame retardant) protection and infused glass fibers. Face window optical grade polycarbonate. Dimensions 210mm X 60mm X 50mm (8.25" X 2.35" X 2.0"). Weight 540g (1.2 lbs). Color Neon-Yellow and Black.

The product models are in conformal to the following directives:

Relevant Union Harmonization Legislation

- 2014/34/EU The ATEX Directive (Hazardous Classified Locations)

Provisions of the Directive fulfilled by the Equipment,

Equipment Group II Category 1G Ex ia op is IIC T3/T4 GA
Equipment Group II Category 1D Ex ia op is IIIC T135°C Da

The product models are in conformal to the following standards:

Harmonized Standards

- EN IEC 60079-0:2018 Explosive atmospheres - Equipment. General requirements
- EN 60079-11:2012 Explosive atmospheres Equipment protection by intrinsic safety "I"
- EN 60079-28:2015 Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation.

Notified Body

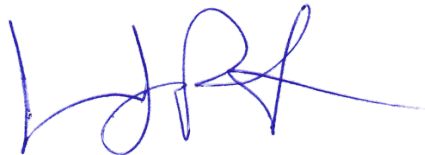
Number: 3015

Name: SGS North America Inc.

Certificate: SGSNA24ATEX020901X

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications. The product models comply with all applicable Essential Requirements of the Directives and Standards.

Parhelion Incorporated (dba Stripelight)



Authorized Signature

James Redpath – CEO	January 31, 2024
Name and Title	Date