







Fact sheet

MODEL FRT

Worlds **first** hybrid flashlight

The Stripelight FRT Right Angle Flashlight.

Focussing on Safety, Emergency & Rescue sector. First Responders.

	ANSI FL1	LED	LASER
OUTPUT		305 Lumens	N/A
RUNTIME		8h	15h
DISTANCE		450m	800m
INTENSITY		86000cd	N/A





MARKET APPLICATIONS:	Fire & Rescue, Law Enforcement, Industrial Safety, Public Works & Utilities, Marine, Military
DESCRIPTION:	Intrinsically safe handheld battery operated right angle dual-light flashlight design for use with protective gear in hazardous locations. Light sources consist of high-power smoke piercing white LED with optimized beam and blue LDG Stripe line 450nm wavelength Laser. It features a bezel switch for heavy gloves or hands-free light selection, wireless charging to eliminate electrical leads, lapel fixing clip and equipment hanger. LDG Stripe smoke flow viewing, demarcation of objects and holes, and line-of-sight signaling. Plus, a long-term storage feature for battery charge.
CASE MATERIAL:	Made of glass-fiber infused Nylon for high impact, anti-static, non-conductive, and high heat for exceptional durability and use in difficult locations. All openings are gasket sealed for deep water submersion. Spring loaded clip with attached ring attaches to lapel, belts, and harnesses while ensuring forward facing light. Provided in international safety yellow/lime.
DIMENSIONS:	Height: 8.00 in. (203.2 mm) Width: 3.5 in. (88.9 mm) Diameter: 2.50 in. (63.5 mm) Height in charger: 9.50 in. (241.3 mm) Grip area: Height 4.00 in. (101.6 mm) Width: 2.25 in. (57.2 mm) Thickness: 1.5 in. (38.1 mm)
WEIGHT:	18.38 oz (521 grams)
LENS:	Polycarbonate supported assembled in glass-fiber infused Nylon heavy duty rotating bezel.
LIGHT SOURCES:	White LED, stronghold protected with a 50,000 hour lifetime LDG Stripe, Blue 450nm Laser with a 50,000 hour lifetime
LIGHT OUTPUT:	See table. LDG (Laser Diffraction Grating) for patented stripe line.
ON/OFF:	Ergonomic designed magnetic inductive bezel switch mechanism for intrinsically safe switching between light sources.
RUN TIME:	See table. All claims within 10%. White LED: 8 hrs continuous Blue LDG: 15 hrs continuous
BATTERY:	Industrial rechargeable Lithium 7.4 volt, 2.6 amp hour, can be recharged up to 1,200 times.
CHARGING:	2 hour charger provided with adapters for US, EU, and UK input power 100V, 120V, 230V, 240V. Firetruck adapter available separately.

FEATURES:

- On-board computer for light, power, and battery management.
- LDG Stripe (Laser Stripe Line)
- Dual-light source
- Hands-Free bezel switching between lights
- Hibernation charge feature up to 1 year
- Optimized LED beam
- IP67 rated protection against immersion in water
- 2 meter impact resistance tested
- Charger mounts in any direction including on ceiling
- Serialized for GMP

APPROVALS:

- Laser Safety Classification (IEC/EN 60825-1 2007 and 2014)
- FDA CDRH Laser Safety
- LED Photobiological Safety
- Water-Proof IP67
- European Low Voltage Directive
- Class I Div 1&2 Group ABCD T4
- Class II, III Div 1 Group EFG T4
- IEC Ex Group II 1G ia IIB T4 (Zone 0)
- IEC Ex Group II 2G ia IIC T4 (Zone 1)
- 2-Meter Drop Resistant
- Charger Meets NFPA 1901-14.1.10.2

Approvals may vary on model version

WARRANTY:

Parhelion Inc. Limited Lifetime Warranty

OPTIONAL ACCESSORIES:

Firetruck 12-24 volt adapter for charger installation in vehicle

WATERPROOF



IP67

IMPACT RESISTANCE



2-Meter drop resistant



Stripelight Charger Cradle Specifications

DESCRIPTION:	Power adapter AC/DC 12vdc 2.0A Adapter
CASE MATERIAL:	Housing glass-fiber infused Nylon for high impact, anti static, and long life. Base anodized aluminum.
DIMENSIONS:	Height: 2.50 in. (63.5 mm) Width: 3.0 in. (76.2 mm) Length: 4.50 in. (114.3 mm) Screw holes ¼ in. (7 mm)
WEIGHT:	12 oz (342 grams)
ADAPTER PLUGS:	US, UK, and EU
INPUT POWER:	100-240V
FEATURES:	<ul style="list-style-type: none">• Power management• Mountable in any direction, including ceiling• Heavy duty anodized aluminum base for mounting
APPROVALS:	<ul style="list-style-type: none">• IP54 water resistant• European Low Voltage Directive• Meets FCC standards Class B• Meets NFPA 1901-14.1.10.2 requirements
WARRANTY:	Parhelion Inc. Limited Lifetime Warranty
OPTIONAL ACCESSORIES:	<ul style="list-style-type: none">• Firetruck 12-24 volt adapter for charger installation in vehicle• Wall bracket







Ready when you are.

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