ABOUT US



MISSION

"We are committed to expand and continually improve utilizing quality practices and employee involvement to manufacture patented, unique and innovative Lighting Systems, for any industry, both in the domestic and international markets, that result in customer satisfaction."

VISION

To provide an innovative, portable and simple lighting solution to illuminate a large area within few minutes.

THE COMPANY

Prism Lighting Services, LLC. was established in 2003, designed solely for the manufacturing, sales and marketing of the patented Prism Inflatable Light. Prism is the official licensee for the application and production of the Prism Inflatable Lighting System all over the world.

With more than 100 years of combined experience, the sales and marketing team of Prism Lighting has the depth to help you develop a sales and marketing plan for distribution of the PIL.

TESTIMONIALS

Michael S. Pate, Office of Emergency Preparedness Monroe County Health Department, IL

"FANTASTIC PRODUCT!!! We had to evacuate the nursing home after tornado damaged buildings and power was out. Had just received the day before with packing slip still on box in left of picture.
The county commissioner and I set them up in 5 minutes. Huge success !!!"

Joseph A. Edwards, Director Morrow County Emergency Management, OH

"We have deployed the light set on multiple different occasions, used it on two major fires, along a river bank on a recovery mission, in fields where fire apparatus could not travel because of the terrain and three law enforcement criminal investigations. This light set is great. One other notable factor about this light set is that when it is fully lit up, it is highly visible for miles from land and air, no mistaking this land mark in the night time".

Randy K. Rockey, Director Centre County Emergency Management

"Just wanted to let you know how GREAT it is for a company to stand by their product and service like this... If you could make a note in the state system about this company's fantastic service, I'd appreciate it....(not too often that we experience companies with this level of integrity and quality service)."

Jamison Peevyhouse, Director **Weakley County Emergency Management**

"Thanks again for your time and providing a wonderful product. Everyone is skeptical when they hear of an inflatable light, but all the snickering stops once the light is turned on. Once the responders have a chance to use it, they become vocal supporters wherever they go."

Chris Kaelin City of Lakeland

"In my nine years with the City, this is the first product I have purchased that







Small Business Exporter Award 2009

Manish Kothari, CEO of Prism Lighting Services, LLC. accepting the award at the Regional and State level.

The International division of Jacksonville Regional Chamber of Commerce presents this award to a North East Florida company with less than 100 employees in recognition of its perseverance in acquiring the know-how to market its products and/or services to other countries.



USA Patent # 8328377

Prism Lighting Services, LLC

6971 Business Park Blvd N. Jacksonville, FL 32256, USA Ph.: 904 880 9900 Fax: 904 880 3241 E mail: sales@prismlighting.net

Central and South Americas Office

www.prismlighting.net

Gustavo Morua Corrales San Jose, Costa Rica **Ph**: 506-8325-4607 **Email**: gustavo@prismlighting.net **Authorized Dealer**

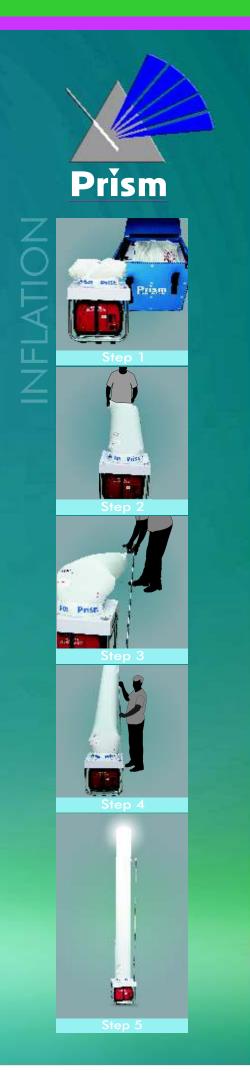
www.prismlighting.net

Prism Lighting Services, LLC









The Prism Inflatable Light (PIL) is characterized by a supporting structure in synthetic fabric and an air-inflated cylinder, which raises the metal halide lamp (1000W equivalent to 95000 lm of brightness) up to 4.5 meters (15 feet) high and provides excellent illumination over the area.

A series of axial fans constantly inflate air into the supporting structure, in which sufficient pressure is generated to guarantee the necessary stability to the system. Stainless Steel stabilizing pole is provided to withstand wind speeds up to 35 mph (55 kmph).

The whole structure can be easily made to function by a single person, in conditions of complete darkness, in less than 3 minutes, making it possible to illuminate areas up to 1678 sq meters (17678 sq feet) at a level of 3 lux in outer periphery. The system can be supplied with an autonomous generator with a weight and dimension that make it possible for only one person to operate the system, and it can be transported in the trunk of an ordinary minivan/SUV!!

PIL 1000 (G)

SALIENT FEATURES

- Pioneering Technology
- Light weight, foldable & portable. Can be carried in back of a minivan or SUV
- Takes just 30 secs to inflate and 3 min. to achieve its best illumination level
- It can be easily operated by an individual
- Inflates to a maximum height of 4.5 meters / 15 feet from ground level
- 1000W metal halide lamp (95000 lm of brightness)
- Lights up an area around 17678 sq feet at a level of 3 lux in outer periphery.
- Cools & Deflates (fold back) easily in less than 5 mins.
- Multiple towers can be used to light up a large area
- Wide range of application

SCOPE OF APPLICATIONS

- Civil Protection
- Military
- Forestry
- Fire Dept. / Emergency Mgnt.
- Police
- Sports & Entertainment
- Building Trade / Utilities
- Airports
- Railways
- Oil Fields & Refineries
- Mineral & Mining Industries
- Archaeological & Geological Research



Applications at different distances from the illuminated PIL

From 35 feet

Perform first aid-basic or advanced Sort and identify medical supplies Prepare and serve food/water

From 75 feet

Identify tools in tool box Assembly Shelter (eg. command post)

From 400 feet

Identify and read documents

From 500-1000 feet

Avoid trip hazards Locate unconscious victims









SPECIFICATIONS

PIL 1000 765 x 635 x 685 mm

PIL 1000G 765 x 635 x 685 mm

FOR THE 110V. 60 Hz MARKET

Packaged Dime

30 x 25 x 27 inch

30 x 25 x 27 inch

FOR THE 230V, 50 Hz MARKET

765 x 635 x 685 mm

765 x 635 x 685 mm

30 x 25 x 27 inch

30 x 25 x 27 inch

4.5 M 15 feet

4.5 M 15 feet

lxwxh





Metal Halide 95000

1000W

Metal Halide

1000W

Metal Halide 95000

Lumens

Lumens

Honda Eu2000 Metal Halide 95000

<u>25 kg</u> 55 lbs

<u>25 kg</u> 55lbs

<u>50 kg</u>

110 lbs

User

Specified

Any Power

Source (1500W)

50 kg Honda Eu2000 Metal Halid

4.16 ltrs. / 1.1 gallon

Source (3000W) 1000W



SALIENT FEATURES

- Light weight, foldable & portable. Can be carried in back of a car
- Takes just 10 secs to inflate and 3 min. to achieve its best illumination level
- It can be easily operated by an individual
- Inflates to a maximum height of 2.8 meters/ 9 feet from ground level
- o 250W metal halide lamp (22000 lm of brightness)
- Lights up an area of around 585 sq. meters (700 sq. yards)
- Cools & Deflates (fold back) easily in less than 3 mins.









- Outdoor Recreations
- Sporting Events
- Beach & Backyard Parties Ambulance & Sheriff Cars
- Rentals
- Construction Sites



AVAILABLE IN 110V, 60 Hz & 230V, 50 Hz

Model	Packaged Dimension I x w x h	Height From Ground	Net Weight	Lamp	Brightnes
PIL NiteLite	535 x 460 x 485 mm	<u>2.8 M</u>	<u>13 kg</u>	Metal Halide	22000
	21 x 18 x 19 inch	9 feet	29 lbs	250 W	Lumens















- Our LEDs are very effcient: our 200-Watt light only pulls 2.5 amps, where a 2000-watt Halogen light pulls approximately 16 amps and is not as bright
- Wattage per lumen of light output can't be matched by any other light on the market Instant restrike, extremely mobile, and can be plugged into any 110V outlet
- Energy-effcient and eco-friendly.
- Our LED cells last on average 100,000 hours and upwards of 120,000
- Can be powered by an inverter instead of a generator because of its low amp draw
- For use with a generator, two lights will run off one 1kW generator

- Because of the low amp draw, our LED light balloons can easily be powered off a small solar panel or battery pack for remote locations where generators aren't available or feasible
- Can be attached to a small generator on a roll cart for easy mobility, great for fagger stations or anywhere diffused lighting needs to be mobile
- Our balloon design allows for the extremely bright and directed LED cell's light to be filtered and diffused so that it is easy on the eyes and safe to work around
- Ideal for year-round use, even in extreme conditions: weather-resistant, waterproof, UV-resistant, and fire-retardant balloon



Low-Watt, High-Efficiency LED Lighting

Long-lasting, Energy-saving lighting for Mobile Applications

Cost-saving LED lighting that is easy to move and perfect for year-round use.

Our 200- and 400-Watt LED Light Balloons are so efficient, you get longer life with an impressively low amp draw. Plus, the compact, easy-to-move design makes setup simple, so you save money, energy and time!

The 200W light pulls just 2.5 amps of power versus a 2000W Halogen light that pulls approximately 16 amps and is not as bright.

With the ability to last upwards of 120,000 hours per light cell, plug into any 110 V outlet and have instant restrike.

The 400-Watt LED light balloon provides glare-free, non-blinding light for up to 25,000 sq. ft. and lasts up to 100,000 hours per light cell.

The 400-Watt model pulls just 5 amps of power. All Prism Balloon Lights feature a unique modular design for field replacement, not product replacement. This drastically cuts long-term costs and boosts productivity.



sales@prismlighting.net 904-880-9900 6971 Business Park Blvd N., Jacksonville, FL 32256



200 WATT LED **PBL 200**

Light Chart in Foot Candles*

Under	3 ft	6 ft	9 ft	18 ft	27 ft
56.0 fc	41.8 fc	26.2 fc	18.0 fc	4.4 fc	1.4 fc

Lighting Data

Maximum Lighted Area	14,000 sq. feet
Maximum Lumes	24,000
Light Under Unit at 10 ft	56.0 foot candles
Color Temperature	5,000 Kelvin

Electrical Data

Type of Cells	LED
Number of Cells	4 x 50 watt
Maximum Power	200 watt
Average Lamp Life	100,000 hours
Voltage Available	110 V / 220 V
AMP Pull	2.5

400 WATT LED **PBL 400**

Light Chart in Foot Candles*

Under	3 ft	6 ft	9 ft	18 ft	27 ft	
98.0 fc	48.6 fc	25.5 fc	15.5 fc	4.1 fc	2.1 fc	
Lighting Data				All measure	* Light is up at 10 ft. ements in Foot Candles.	
Ma	aximum Lighted A	rea		25,000 sq. feet		
	Maximum Lumes	;		48,000		
Lig	Light Under Unit at 10 ft			98.0 foot candles		
	Color Temperature			5,000 Kelvin		
Electrical Data						
Type of Cells				LED		
Number of Cells				8 x 50 watt		
	Maximum Power			400 watt		
Average Lamp Life				100,000 hours		

Machine Mount

For those interest in mounting a glare-free light to their machinery, we offer a custom mounting system. It is designed to bolt to the deck near the machine operator or to any vertical side to the equipment.

Voltage Available

AMP Pull

The bracket also comes with a 13" telescoping mast so that our customers can place the light at their desired height. This option is ideal for Asphalt and Concrete Pavers, Emergency Response Vehicles and Utility Trucks. We can provide amounting arm and bracket at the request of the customer.

Tripod Mount

Our tripod mounts are designed for quick and easy set up as well as portability. Each light is interchangeable between machine and tripod mount, giving the customer the ability to save money through mobility. This option would be ideal for flagger stations as well as demolition and construction sites.

110 V / 220 V

5

We designed and manufactured our tripod to be ideal for any job site. It ranges from 5' to 14' in height and higher as requested.

The mast is electrically non-conductive to ensure optimum safety for all those working in the area.





www.prismlighting.net

Accessories





14' Crank Tripod

• Min. & Max. height : 68.90" to 158.00"

175 cm to 400 cm

• Base spread diameter: 45.30" to 66.10"

115 cm to 168 cm

• Center tube diameter : 1 3/8" / 35 mm

• Folded Height : 68.8"/135 cm

Weight : 55 lbs /25 kg



• Min. & Max. height : 5.8' to 9.8'

• Base Spread diameter : 48.8"

• Center tube diameter : 1.375"

• Folded Height : 60"

• Weight : 8 lbs

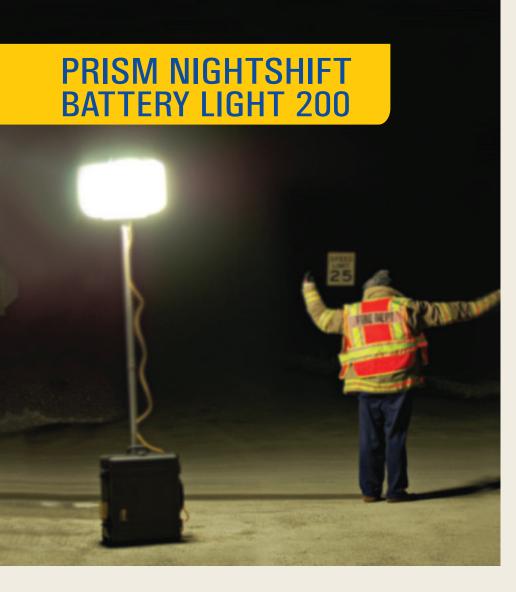
◀ 13' Pyramid Base

- 13' Manual Fiber glass Mast
- 22" x 22" Base
- Cuts down on trip points
- Can be filled with up to 100 lbs of sand
- Good for windy conditions



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Light Chart in Foot Candles*

Under	3 ft	6 ft	9 ft	18 ft	27 ft
56.0 fc	41.8 fc	26.2 fc	18.0 fc	4.4 fc	1.4 fc

Lighting Data

Maximum Lighted Area	14,000 sq. feet
Maximum Lumes	24,000
Light Under Unit at 10 ft	56.0 foot candles
Color Temperature	5,000 Kelvin

Electrical Data

Type of Cells	LED
Number of Cells	4 x 50 watt
Maximum Power	200 watt
Average Lamp Life	100,000 hours
Voltage Available	110 V / 220 V
AMP Pull	2.5

Battery Data

Run Time	6 hrs. on high / 10 hrs on low
Voltage	12V
Mast Height	9 ft
Battery Type	Lead Acid
Total Weight	120 lbs
Re-charge Time	8-10 hrs.



Low-Watt, Battery Operated LED Lighting

Long-lasting, Energy-saving lighting for Mobile Applications

Fully Mobile LED Battery Pack

Our all-in-one battery pack light is truly a one of a kind product. The 200-Watt LED balloon light, 9' to clip together mast, and battery all fit inside the box. This allows users to have significant amounts of work light anywhere they need it without the need for auxiliary power.

The 200 Watt LED pulls just 2.5 amps. so it allows the battery to power the light for 6 hours on 24,000 lumen setting and 10 hours on 12,000 lumen setting.

The 200- Watt LED emits glare-free, non-blinding light that can easily light up an entire intersection for applications such as traffic control.

Mobile Appications

- Emergency Services
- Police Checkpoints
- DUI Checkpoints
- Mobile Repair
- Road Construction
- And many more!



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The next level of Brightness

PRISM FLOOD LIGHT

PFL 400





Stainless Steel Reflector

Corrosion Resistant with 5 years warranty



Very Rugged Design

Minimum Maintenance



Maintains Reflectivity

In all weather conditions



Higher Lumen Output

Enhanced illumination

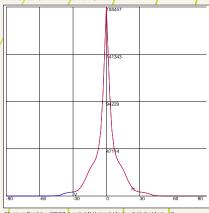


Easy Lamp Replacement

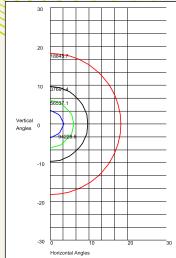
Front opening



AXIAL CANDELA DISPLAY



ISOCANDELA CURVES



Optional Accessories

- Control gear box with ballast, capacitor, wiring etc.
- Cable from control gear box to the floodlight
- 400 W Bulb Metal Halide













PRISM FLOOD LIGHT PFL 400











6971 Business Park Blvd N., Jacksonville, FL 32256, USA Ph.: 904-880-9900 | Fax : 904-880-3241 E-mail : sales@prismlighting.net For more details visit : www.prismlighting.net





treme Lumens™ Tactical Flashlight echargeable - Multi-Function

META HOUSING





Medium





Strobe



800 Lumens

- 2 Hours run-time
- Momentary or constant-on with 3 brightness levels & strobe
- Beam distance rated at 205 meters
- Aircraft-grade 6061-T6 aluminum housing
- Powered by Lithium-ion rechargeable battery



This compact rechargeable multi-function metal Xtreme Lumens[™] tactical flashlight uses a CREE[®] LED rated at 800 lumens that works in conjunction with a high-efficiency deep parabolic reflector to create a usable beam rated at 205 meters. The tail-cap switch provides momentary or constant-on functionality, a set of user-selectable high, medium or low-brightness settings as well as a disorienting strobe. The housing and tail-cap are made from aircraftgrade 6061-T6 aluminum and have a Type III hard anodized finish. Power comes from a rechargeable Lithium-ion battery and includes the ability to run from a pair of CR-123 batteries (batteries not included) thanks to the CR-123 Battery Carrier (included)...







High-efficiency deep parabolic reflector

Xtreme Lumens™ Tactical Flashlight Rechargeable - Multi-Function

Large textured tail-switch

FEATURES

- Super-bright Xtreme Lumens[™] design
- CREE® LED technology 50,000 + hours LED life
- Momentary or constant-on flashlight
- Sharp focused flashlight beam
- Aircraft-grade 6061-T6 aluminum housing, bezel & tail-cap
- Type III hard anodized finish
- Non-slip grip
- Large textured tail-switch
- 1" Handle diameter
- 1.25" Head diameter accepts 3rd party filters
- Waterproof
- Impact & chemical resistant
- Meets the requirements of NFPA-1971-8.6 (2013)
- Serialized for personal identification
- Powered by rechargeable Lithium-ion battery (included)
- Can also be powered by two CR-123 Batteries (not included) using the CR-123 Battery Carrier (included)
- Limited Lifetime Warranty*

INCLUDED

- Flashlight
- Rechargeable Lithium-ion battery
- Wall / vehicle mountable charger
- AC power supply
- 12 V DC power supply
- CR-123 back-up battery carrier



SPECIFICATIONS

- Lumens: high-800, medium-350, low-140, strobe-600
- Run-time: high-2.0 hrs, medium-3.75 hrs, low-8.75 hrs, strobe-3.25 hrs
- Recharge time: 4 hours (typical)
- Beam distance: 205 meters
- Water rating: IP-X7 waterproof
- Drop rating: 2 meters
- Length: 6.25in, head diameter: 1.25in, handle diameter: 1.035in, weight: 6.1oz

FL1 STANDARD	HIGH	MEDIUM	LOW
314	800 LUMENS	350 LUMENS	140 LUMENS
0	2h	3h 45min	8h 45min
	205m	157m	99m
	10765cd	6182cd	2460cd
2m //			





MODELS/ACCESSORIES



Safety Cones



Spare Lithium-ion Battery



Direct Wire Kit

Model	Description	UPC 0 17398
TAC-560XL	Rechargeable metal XIreme Lumens tactical flashlight with rechargeable Lithium-ion battery, wall/vehicle mountable charger, AC and 12 V DC power supplies and CR-123 Battery Carrier - Black	80367 0
TAC-560XLDC	Rechargeable metal Xtreme Lumens tactical flashlight with rechargeable Lithium-ion battery, walfvehicle mountable charger, 12 V DC power supply and CR-123 Battery Carrier - Black	80400 4
TAC-560XLLB	Rechargeable metal Xtreme Lumens tactical flashlight with rechargeable Lithium-ion battery - Black	80401 1
200-RCONE	Red safety cone	80131 7
200-YCONE	Yellow safety cone	80132 4
400-BATT	Rechargeable Li-ion battery	80144 7
9914-DW	Direct wire kit	80044 0
CR-123-10	CR-123 Li-ion batteries (10 pack)	80112 6

*Limited Lifetime Warranty • Product is warranted to be free from defects in workmanship and materials for the original purchaser's lifetime. The Limited Lifetime Warranty includes the LEDs, housing and lenses. Rechargeable batteries, chargers, switches, electronics and included accessories are warranted for a period of two (2) years with proof of purchase. Disposable, non-rechargeable batteries are excluded from this warranty. Normal wear and failures which are caused by accidents, misuse, abuse, faulty installation and lightning damage are also excluded.



insically Safe Permissible ymer Flashlights

These non-rechargeable flashlights are cETLus, ATEX, IECEx and MSHA listed Intrinsically Safe Permissible. They each use a CREE® LED rated at 140 lumens that works in conjunction with a high-efficiency deep parabolic reflector to create a usable flashlight beam rated at 180 meters. The single body switch provides momentary or constant-on functionality. Power comes from 3 AA premium batteries (not included).

> **INTRINSICALLY SAFE** PERMISSIBLE







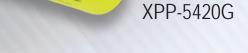






- cETLus, ATEX, IECEx and MSHA listed **Intrinsically Safe Permissible**
- Beam distance rated at 180 meters
- Engineered polymer housing







XPP-5420B









Intrinsically Safe Permissible Polymer Flashlights





XPP-5420G

XPP-5420B

FEATURES

- CREE® LED technology 50,000 + hours LED life
- Momentary or constant-on flashlight

High-efficiency deep parabolic reflector

- Sharp focused beam for distance illumination
- Engineered polymer housing
- Non-slip grip
- Single body switch
- Waterproof
- Impact & chemical resistant
- Built-in pocket/belt clip
- Includes removable lanyard
- Requires 3 AA batteries (not included)
- Available in black & green
- Limited Lifetime Warranty*



Built in pocket/belt



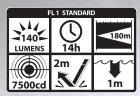
Single body switch



High-efficiency deep parabolic reflector

SPECIFICATIONS

- Lumens: 140 Run-time: 14 hrs
- Beam distance: 180 meters
- Water rating: IP-X7 waterproof
- Drop rating: 2 meters
- Length: 7in, head diameter: 1.8in, handle diameter: 1.5 x 1.1in, weight: 7.3oz



INCLUDED

- Flashlight with built-in pocket/belt clip
- Removable lanyard

SAFETY RATING

cETLus, ATEX, IECEx and MSHA listed Intrinsically Safe Permissible



Model	UPC 0 1/398
XPP-5420G	80091 4
XPP-5420B	80092 1

Permissible Nightstick 5420 Flashlight/Floodlight PCTITISSIDE NIQUISSIDE. 3420 FIRST INIQUISSIDE. APPROVAL No. 20-A13000 INT-UDURING WISHAM. APPROVAL No. 20-A13000 INT-UDURES ONLY TESTED FOR INTERNISC SAFETY IN METHANE-ARR MIXTURES ONLY WARRINGS: 1) MSHA approved for use with three AD Duraced Type PCT500, Energizer Type LT9 attenties only per LT9 attenties on the proper LT9 attenties on the proper LT9 attenties on the proper LT9 attenties from different manufactures or of different types.

3) Energizer LTH0 mm (Type LT91) batteries are to be replaced by a qualified technician only.

technician only.
4) The Model Nightstick 5420 must not be opened in areas where

Intertek ID 4003544

C€ 0359

Conforms to: ANSI/UL STD 913, ANSI/UL 60079-0, ANSI/UL 60079-11

ANSI/ISA 60079-26

Certified to: CAN/CSA STD C22.2 No 157 CAN/CSA STD C22.2 No 60079-0 CAN/CSA STD C22.2 No 60079-11 CSA STD C22.2 No 25

*Limited Lifetime Warranty • Product is warranted to be free from defects in workmanship and materials for the original purchaser's lifetime. The Limited Lifetime Warranty includes the LEDs, housing and lenses. Rechargeable batteries, chargers, switches, electronics and included accessories are warranted for a period of two (2) years with proof of purchase. Disposable, non-rechargeable batteries are excluded from this warranty. Normal wear and failures which are caused by accidents, misuse, abuse faulty installation and lightning damage are also excluded



trinsically Safe Permissib mer Dual-Light" Flashlights

Flashlight



Floodlight





Dual-Light





These non-rechargeable Dual-Light™ flashlights are cETLus, ATEX, IECEx and MSHA listed Intrinsically Safe Permissible. They each use a CREE® LED rated at 120 lumens that works in conjunction with a high-efficiency deep parabolic reflector to create a usable flashlight beam rated at 170 meters. A 120 lumens unfocused floodlight is integrated into the housing which is perfect for close-up illumination. Additionally both the flashlight and the floodlight can be turned on at the same time for maximum versatility. The dual body switches provide momentary or constant-on functionality for the flashlight and on/off functionality for the floodlight. Power comes from 3 AA batteries (not included).

> INTRINSICALLY SAFE PERMISSIBLE











120 Flashlight Lumens **120** Floodlight Lumens **240** Dual-Light™ Lumens

- cETLus, ATEX, IECEx and MSHA listed **Intrinsically Safe Permissible**
- Flashlight/floodlight/Dual-Light
- Beam distance rated at 170 meters
- Engineered polymer housing



XPP-5422G



XPP-5422B











Intrinsically Safe Permissible Polymer Dual-Light[®] Flashlights





XPP-5422G

XPP-5422B

FEATURES

■ Flashlight – floodlight – Dual-LightTM

High-efficiency deep parabolic reflector

- CREE® LED technology 50,000 + hours LED life
- Momentary or constant-on flashlight
- Sharp focused beam for distance illumination
- Unfocused wide-beam floodlight for close-up illumination
- Dual-Light (flashlight & floodlight at same time) for maximum versatility
- Engineered polymer housing
- Non-slip grip
- Dual body switches
- Waterproof
- Impact & chemical resistant
- Built-in pocket/belt clip
- Includes removable lanyard
- Requires 3 AA batteries (not included)
- Available in black & green
- Limited Lifetime Warranty*



Built in pocket/belt clip



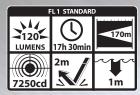
Dual body switches



Wide-beam floodlight

SPECIFICATIONS

- Lumens: flashlight-120, floodlight-120, dual-light-240
- Run-time: flashlight-17.5 hrs, floodlight-17.5 hrs, dual-light-4.5 hrs
- Beam distance: 170 meters
- Water rating: IP-X7 waterproof
- Drop rating: 2 meters
- Length: 7in, head diameter: 1.8in, handle diameter: 1.5 x 1.1in, weight: 6.9oz



INCLUDED

- Flashlight with built-in pocket/belt clip
- Removable lanyard

SAFETY RATING

cETLus, ATEX, IECEx and MSHA listed Intrinsically Safe Permissible



Permissible Nightstick 5422 Flashlight/Floodlight APPROVAL No. 20-A130001-0

- TESTED FOR INTRINSICS SEATEVI IN IMETHANK-JAR MIXTURES ONLY
 WARNINGS: 1) MSHA approved for use with three AA Duracell Type PC1500, Energizer
 WARNINGS: 1) MSHA approved for use with three AA Duracell Type PC1500, Energizer
 PUN1, and Energizer Type L101 battleris conly
 2) Reglace the batteries in fresh air only and reglace all batteries at the
 same time. Do not not subtleries from different manufactures or of
 different types.
 3) Energizer Lithium (Type L91) batteries are to be replaced by a qualified

 - 3) Energizes Literatin (1990 7)
 technician only.
 4) The Model Nightstick 5422 must not be opened in areas where permissibility is required.

Intertek ID 4003544

C€₀₃₅₉

Conforms to: ANSI/UL STD 913, ANSI/UL ANSI/ISA 60079-26

Certified to: CAN/CSA STD C22.2 No 157 CAN/CSA STD C22.2 No 60079-0 60079-0. ANSI/UL 60079-11 CAN/CSA STD C22.2 No 60079-11 CSA STD C22.2 No 25

UPC 0 17398 80093.8 XPP-5422G

80094 5

XPP-5422B

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rsically Safe Permissible Flashlight w/Dual Magnets

Flashlight





Floodlight



Dual-Light



This non-rechargeable Dual-Light™ flashlight with dual magnets is cETLus, ATEX and IECEx listed Intrinsically Safe Permissible. It uses a CREE® LED rated at 120 lumens that works in conjunction with a high-efficiency deep parabolic reflector to create a usable flashlight beam rated at 170 meters. A 120 lumens unfocused floodlight is integrated into the housing which is perfect for close-up illumination. Additionally both the flashlight and the floodlight can be turned on at the same time for maximum versatility. The dual body switches provides momentary or constant-on functionality for the flashlight and on/off functionality for the floodlight. Additionally, the integrated magnets located in the base of the handle and pocket clip, provide for almost limitless hands-free usage Power comes from 3 AA batteries (not included).

> INTRINSICALLY SAFE PERMISSIBLE











120 Flashlight Lumens 120 Floodlight Lumens **240** Dual-Light™ Lumens

- cETLus, ATEX, IECEx and MSHA listed **Intrinsically Safe Permissible**
- Flashlight/floodlight/Dual-Light
- Two Integrated hands-free magnets
- Beam distance rated at 170 meters



XPP-5422GM









Intrinsically Safe Permissible Dual-Light[™] Flashlight w/ Dual Magnets



XPP-5422GM

High-efficiency deep parabolic reflector

FEATURES

- Flashlight floodlight Dual-Light™
- CREE® LED technology 50,000 + hours LED life
- Momentary or constant-on flashlight
- Sharp focused beam for distance illumination
- Unfocused wide-beam floodlight for close-up illumination
- Dual-Light (flashlight & floodlight at same time) for maximum versatility and user safety
- Powerful integrated magnets built into the base and clip for multiple hands-free options
- Engineered polymer housing
- Non-slip grip
- Dual body switches
- Waterproof
- Impact & chemical resistant
- Built-in pocket/belt clip
- Includes removable lanyard
- Requires 3 AA batteries (not included)
- Limited Lifetime Warranty*



Built in pocket/ belt clip with integrated magnet



Integrated magnet built into the handle



High-efficiency deep parabolic reflector



Wide-beam floodlight



Hands-free magnet in base



Hands-free magnet in pocket clip

SPECIFICATIONS

- Lumens: flashlight-120, floodlight-120, dual-light-240
- Run-time: flashlight-17.5 hrs, floodlight-17.5 hrs, dual-light-4.5 hrs
- Beam distance: 170 meters
- Water rating: IP-X7 waterproof
- Drop rating: 2 meters
- Length: 7.2in, head diameter: 1.8in, handle diameter: 1.5 x 1.1in, weight: 6.9oz



INCLUDED

- Flashlight with built-in pocket/belt clip
- Removable lanyard

SAFETY RATING

cETLus, ATEX, IECEx and MSHA listed Intrinsically Safe Permissible



Permissible Nightstick 5422 Flashlight/Floodlight APPROVAL No. 20-A130001-0

TESTED FOR INTRINSIC SAFETY IN METHANE-AIR MIXTURES ONLY TESTED FOR INTRINSICS SAFET VI N METHANE-AIR MIXTURES ONLY WARNINGS. INSTAIR approved for use with three AID parcel Type CF1500, Energizer Type ENVI), and Energizer Type UV batteries only. Replace the batteries in fresh air only and replace all batteries at the same time. Do not mix batteries from different manufacturers or of different types. Energizer Lithium (Type L91) batteries are to be replaced by a qualified exchriction only. The Model Nightstick 5422 must not be opened is areas where permissibility is required.

Intertek ID 4002026

CLASS I DIV 1 GRPS A-D T3 Ex is 1 Ma
CLASS I B. III DIVI 1 GRPS E-G T135C Ex is 1 II DIV 1 GLASS I I GLASS I I GRPS E-G T135C Ex is 10 T3 Ga
CLASS I ZONE 0 AEX is 10 T3 Ga intertak 173 13 ATEX 27837 A
GC CLASS I ZONE 0 Ex is 10 T3 Ga intertak 173 13 ATEX 27837 A
GC DIVI TE I SI I I Ma
AFE DIVI 1 G Ex is 10 T3 Ga 1.59V.Cell AA Alkaline

C€ 0359 Conforms to:

ANSI/UL STD 913, ANSI/UL 60079-0, ANSI/UL 60079-11 ANSI/ISA 60079-26

CAN/CSA STD C22.2 No 157 CAN/CSA STD C22.2 No 60079-0 CAN/CSA STD C22.2 No 60079-11 CSA STD C22.2 No 25

Certified to:

Model

UPC 0 17398

XPP-5422GM

804486

*Limited Lifetime Warranty • Product is warranted to be free from defects in workmanship and materials for the original purchaser's lifetime. The Limited Lifetime Warranty includes the LEDs, housing and lenses. Rechargeable batteries, chargers, switches, ectronics and included accessories are warranted for a period of two (2) years with proof of purchase. Disposable, non-rechargeable batteries are excluded from this warranty. Normal wear and failures which are caused by accidents, misuse, abuse faulty installation and lightning damage are also excluded



ntrinsically Safe Permissible Function Headlamps

XPP-5456G

Lumens Dual-Light™

Lumens Spotlight

Lumens White Floodlight

Red Floodlight

Flood High Flood Low













rear-mounted battery compartment and include both an elastic head strap with a non-slip lining and a heavy-duty rubber strap for use with hard hats. The top mounted dual switches provides spotlight, full-power white floodlight, half-power white floodlight and either red (5456) or green (5458) floodlight operation. Power comes from 3 AA premium batteries (included).

INTRINSICALLY SAFE PERMISSIBLE



These non-rechargeable multi-function headlamps are cETLus,

ATEX, IECEx and MSHA listed Intrinsically Safe Permissible. The headlamps each feature a multi-position tilt head design, a









XPP-5458G

Lumens Dual-Light™

Lumens Floodlight

Green Floodlight

Flood High Flood Low













XPP-5456G XPP-5458G

- cETLus, ATEX, IECEx and MSHA listed Intrinsically Safe Permissible
- Beam distance rated at 140/120 meters
- · Spotlight, dual brightness white/color floodlight modes
- Powered by 3 AA Premium batteries (included)







XPP 5400 series



XPP-5456G



XPP-5458G

Intrinsically Safe Permissible Multi-Function Headlamps

FEATURES: ALL MODELS

- Spotlight CREE® LED technology 50,000 hour life
- Spotlight high/low-brightness white floodlight red floodlight (5456)
- Spotlight high/low-brightness white floodlight green floodlight (5458)
- Focused spotlight beam for distance illumination
- Unfocused wide-beam floodlight for close-up illumination
- Colored floodlight for night vision preservation (red-5456, green-5458)
- Dual-Light™ (spotlight & any white floodlight mode at same time) for maximum versatility
- Engineered polymer housing
- Dual switches located on top of light
- Adjustable ratchet tilt head
- Non-slip elastic head strap
- Heavy-duty rubber strap for hard hat applications
- Waterproof
- Impact & chemical resistant
- Powered by 3 premium AA alkaline batteries (included)
- Limited Lifetime Warranty*

SAFETY RATING

cETLus, ATEX, IECEx and MSHA listed Intrinsically Safe Permissible

Patent 7,738,229



Model	UPC 0 17398			
XPP-5456G	80156 0			
XPP-5458G	80158 4			





Rubber hardhat strap included

*Limited Lifetime Warranty • Product is warranted to be free from defects in workmanship and materials for the original purchaser's lifetime. The Limited Lifetime Warranty includes the LEDs, housing and lenses. Rechargeable batteries, chargers, switches, electronics and included accessories are warranted for a period of two (2) years with proof of purchase. Disposable, non-rechargeable batteries are excluded from this warranty. Normal wear and failures which are caused by accidents, misuse, abuse, faulty installation and lightning damage are also excluded.

Spotlight Switch Spotlight Two Level White Floodlight Night Vision Red

XPP-5456G SPECIFICATIONS

 Lumens: spotlight-100, high white floodlight-90, low white floodlight-20, red floodlight-18, dual-light-175

High-Contrast Green

- Run-time: spotlight-18 hrs, high white floodlight-13.5 hrs, low white floodlight-75 hrs, red floodlight-37 hrs, dual-light-6.5 hrs
- Beam distance: 140 meters
- Water rating: IP-X7 waterproof
- Width: 3.3in, height: 3.3in, depth: 3.5in,weight: 9.5oz

FL1 STANDARD	DUAL-LIGHT	SPOTLIGHT
314	175 LUMENS	100 LUMENS
()	6h 30min	18h
	154m	140m
	5291cd	4820cd
2m		
1m		

XPP-5458G SPECIFICATIONS

- Lumens: spotlight-130, high white floodlight-100, low white floodlight-25, green floodlight-21, dual-light-190
- Run-time: spotlight-14 hrs, high white floodlight-12.5 hrs, low white floodlight-70 hrs, green floodlight-37 hrs, dual-light-6 hrs
- Beam distance: 120 meters
- Water rating: IP-X7 waterproof
- Drop rating: 2 meters
- Width: 3.3in, height: 3.3in, depth: 3.5in, weight: 9.5oz

FL1 STANDAR	RD DUAL-LIGHT	SPOTLIGHT
314	190 LUMENS	130 LUMENS
()	6h	14h
	132m	120m
	- 3500cd	3500cd
2m		
1m		

INCLUDED

- Headlamp
- 3 premium alkaline AA batteries
- Elastic non-slip headband
- Rubber hardhat strap

E/T Lights™

Solutions For First Responders

E/T Lights™

- * Infrared (Military version)
- * Red
- * Amber
- * Green * Blue



Attachment Locations (Loops)

Notched Tip

aid the user in locating the switch even under blind conditions

Recessed Switch

he switch is located inside the body of the **E/T Lights™**. This helps prevent the selected condition from being changed inadvertently. The user needs to pr

Silicon Housing

Used because of its wide temperature usability. The light has been used at \sim -20°F for an extended period and did not freeze or get brittle.

Interference Fit Seal

End cap Options

pose from the flat bottomed end cap, loop end cap or custom end cap for electronics, storage

Continue Technique Lithium Battery

ovide longer light function. Our tests show that the red LED will remain on for a minimum of 72 hrs... Blue LED will stay on a minimum of 144 hrs... Green LED will stay on a minimum of 192 hrs. (From 144 nours up to 240 hours when set to blinking) Battery shelf life is 4+ years.

■ Easy Battery Removal

Software Features/Board Features

ie sequence for Version 1 is Press once - Infra-red, press twice blinking Infra-red (60/minute), press a ird time- Red, press a fourth time - Green, press a fifth time - Blue, and press a sixth time - light turns

Emergency Off Feature - If at any time the user presses the switch for over 2 seconds the light will turn

off and the sequence will restart.

Selection Memory - The E/T Lights M has a selection memory. It is very important that the selected condition not change or if the lights were tossed or banged around that the selection remained on. All electronics when thrown around may lose power for milliseconds and subsequently turn because of interruption of power due to shock. We have solved this issue by building the **E/T Lights** with a memory. So even if the lights are thrown and battery contact is lost. The lights will turn back on to the last selection selected.

Reprogrammable chip - The new boards have programming pads. This was done to customize the color sequence and pulse rates to any sequence or rate desired. You can have the same light wavelength lashing at different rates within each different selection. This also facilitates accommodating special requests for customized operations and inclusion of specific operating sensors.

Versions 3 and 4 of the **E/T Lights**TM have the lock feature activated. This feature locks in a color selection after it has been left on for over 3 seconds, preventing the patients from re-prioritizing themselves.

Used because of their low power consumption and long life. LED's have 100,000 to 200,000 hours of use.

Infra-red LED may be replaced with other colored LED.

Colored LED's may be replaced with different wavelength infrared LED's or different intensity

4-in-one lights









All comments provided by **Special Operations Personnel**

"Patient Triage Light (Now combat proven by SOF Forces)."

"Just got package in. Played with the light and I am happy. It is reliable, and the battery is easily removed."

"Have now been used in a mass casualty mission in combat and performed admirably."

"Combat proven."

"I took the triage light into -20°F the other day and it worked well. The outer shell did not get brittle as I suspected, and the lights worked whenever I tried them for over a one hour time-frame."

"I was able to toggle the light while wearing blue glove liners and OR wind stopper outer gloves."

www.TriageLights.com

Authorized distributor

Prism Lighting Services, LLC 6971 Business Park Blvd North, Jacksonville, FL 32256 USA Phone: 904-880-9900 Fax: 904-880-3241 sales@prismlighting.net

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Patents & Patents Pending 7326179, D576323, 7510527, 7674227

Southwest Synergistic **Solutions**

Solutions For First Responders











E/T Light now associated with the Standardized Equipment List (SEL) numbers (03OE-03-GLRL) System, Marking, Green Line/Red Line And (09MS-01-TTAG) Tags and Supplies, Triage.



www.TriageLights.com

904-880-9900

E/T Lights™

Solutions For First Responders

E/T Lights™ are a newly patented technology available for the first time to nonmilitary personnel. Developed in conjunction with United States Special Operating Forces the **E/T Lights**™ are a new triage device and method for use that offers a faster, easier, and more effective way of marking and prioritizing individuals for medical care at the scenes of various emergency situations such as natural disasters, plane crashes, train and automobile accidents and other mass-casualty incidents. **E/T Lights**™ are easy to place and provide accurate information relating to a victims degree of injury.

This improved triage tagging system is easy to see in the dark, underwater and in buried situations, where traditional tags have been proven as inadequate. Complete darkness and underwater settings prevent the cards from being read and from being clearly seen from a distance.





Further, triage tagging is often performed under the most harried of conditions as well as increasing and heightened when smoke, dust and poor weather conditions obscure the ability to

determine the triage status and to manually corresponding fill out a comment card too. The **E/T Lights**™ provide illuminated signals that visually provide the triage status of an injured person/animal at a distance and in low visibility settings such as in the rain, fog, snow, in areas of dense undergrowth and multiple other scenarios.

4-in-one lights









Southwest Synergistic **Solutions** Solutions For First Responders

E/T Lights™ are "Combat proven' and have been used in actual mass casualty situations by U.S. Air Force medics.

In addition to being used as triage tags, **E/T Lights™** can take the place of traditional emergency light sources such as chemical light sticks while offering numerous benefits over and above what the chemical light sticks offer.



	E/T Light Life	Chemical Light (CL) Stick Life	Oty utilized
Red	72+ Hours	2 Hours**	36 CL's to 1 E/T Light
Green	192+ Hours	5 Hours**	38 CL's to 1 E/T Light
Blue	144+ Hours	2 Hours**	72 CL's to 1 E/T Light
Blinking Red	168+ Hours	Not Available	N/A
Blinking Green	200+ Hours	Not Available	N/A
Blinking Blue	240+ Hours	Not Available	N/A

- ** Note- Packaging of the chemical light sticks stated that the products had up to 6 hours of use. My personal test results were that the red and blue chemical light sticks were usable for up to 2 hours. The green chemical light sticks were usable for 5 hours.
- Potential cost savings of over 90%
- Reduction in storage space
- Reduction in logistic and storage costs
- Reduction in weight and volume carried by First Responders
- · Reduction in landfill usage
- E/T Light's are reusable and have replaceable silicon nose cones and end caps
- Improves response times of support personnel.

First responders can also use the E/T $\textbf{Lights}^{\text{TM}}$ for distinguishing between contaminated patients (Blinking color) and non-contaminated patients (Solid color), route marking, traffic control, perimeter marking, low light illumination and more.



These lights could be dispersed to a population that did not evacuate a disaster area prior to the occurrence. Using Hurricane Katrina as an example those who chose not to evacuate could be given **E/T Lights**™ and instructed to wear them during the disaster on a constant on color selection (red-children, green-woman, blue-men). Once the disaster has passed the user would only need to press the **E/T Lights™** switch once in order to change the color to blinking, indicating their survival. This would turn the night into a friend for first responders. The night would turn into clusters of lights visible from the air that would tell first responders the numbers, general condition, makeup and location of anyone who remained in the disaster area. Specific programming could be set which would let the rescuers know if the victim is alive, injured, etc... In addition, disaster survivors could use the **E/T Lights**™ for night illumination and general safety and survival.

> The method, design and devices themselves are patent protected. To date patents 7326179, D576323, 7510527, & 7674227 have been issued. Many additional patents are still pending.

Southwest Synergistic Solutions is a minority owned small business (MBE) and is looking forward to serving our military and first responder community. Please email us today at info@triagelights.com.

904-880-9900

Patents & Patents Pending 7326179, D576323, 7510527, 7674227 www.TriageLights.com