

Prism Inflatable Lighting Systems



High Efficiency

Anti-Glare

Portable
Lighting Solutions

evolve
emergency
PREPAREDNESS

Tel: 1-888-315-9007
evolve-ep.com

PIL 1000 (G)

Prism Inflatable Light (PIL)

Salient Features

- Lightweight, Foldable & Portable.
- Takes just 30 seconds to inflate and 3 minutes to achieve its best illumination level.
- Easily operated by an individual and transported in the trunk of a mini van or SUV !!
- Inflates to 4.5 meters/15 feet from ground.
- 1000W metal halide lamp (95,000 + LM of brightness).
- Lights up an area around 17,678 sq. ft. at an illuminance level of 3 lux in outer periphery.
- Cools and Deflates (folds back) easily in less than 10 minutes.
- Multiple towers can be used to light up a large area.
- Stainless Steel stabilizing pole with guy ropes and sand bags are provided to withstand wind speeds upto 45 MPH (73 KMPH).

Scope of Applications

Airport Authority	: Maintenance and Disaster Recovery
Armed Services	: Army, Navy, Air Force, National Guard
Border Patrol	: Security
Camping	: Scouts, Adventure & Family
Construction (DOT)	: Anti Glare Lighting
Cruise Lines	: Security and Emergency Rescue
Disaster Cleanup	: Power Outage and Cleanup
Disaster Preparedness	: Staging, Cleanup and Organization
Facilities	: Security and Maintenance
Fire Departments	: Staging, First Aid
Golf	: Driving Range, Putting Greens & Maintenance
Homeland Security	: Housing, Staging, Security
Motion Picture Ind.	: Security and Lighting
Roofing	: Night Time Roofing Work
Rental Industry	: Night Time Rentals
Police Departments	: Forensics, CSI & Emergency Rescue
School System	: Security and Emergency Lighting
Special Events	: Wedding, Night Time Events
Trucking Industry	: Highway Service Vehicles
Tunnels	: Special Zipper Model (Reduced Height)

Inflation Steps



PIL 1000

Specifications

FOR THE 110V, 60 Hz MARKET

Model	Packaged Dimension L x W x H	Height From Ground	Net Weight	Power Source	Lamp	Brightness
PIL 1000	788 x 711 x 686 mm 31 x 28 x 27 inches	4.5 M 15 Feet	32 kg 71 lbs	Any Power Source (1500W)	Metal Halide 1000W	95000 Lumens
PIL 1000G	788 x 711 x 686 mm 31 x 28 x 27 inches	4.5 M 15 Feet	57 kg 125 lbs	Honda Eu2200i Tank Capacity 0.95 gal / 3.6 ltrs	Metal Halide 1000W	95000 Lumens

Note : Above dimensions for PIL 1000G is excluding Honda Generator 509x290x425 mm / 20x11.4x16.7 inches

FOR THE 230V, 50 Hz MARKET

Model	Packaged Dimension L x W x H	Height From Ground	Net Weight	Power Source	Lamp	Brightness
PIL 1000	788 x 711 x 686 mm 31 x 28 x 27 inches	4.5 M 15 Feet	32 kg 71 lbs	Any Power Source (2500W)	Metal Halide 1000W	95000 Lumens
PIL 1000G	788 x 711 x 686 mm 31 x 28 x 27 inches	4.5 M 15 Feet	57 kg 125 lbs	Honda Eu20i Tank Capacity 4.16 ltrs./1.1 gallon	Metal Halide 1000W	95000 Lumens



Applications at different distances

From 35 feet

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

From 75 feet

- Identify tools in tool box
- Assemble Shelter (e.g., command post)

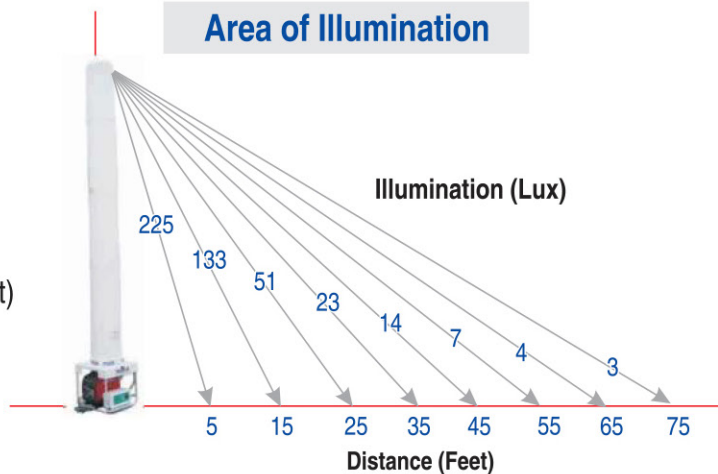
From 400 feet

- Identify and read documents

From 500 -750 feet +

- Avoid trip hazards
- Locate unconscious victims

Area of Illumination



PIL NITELITE

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PIL NITELITE®

Salient Features

- Lightweight, Foldable and Portable. Can be carried in the back of a car.
- Takes just 10 seconds to inflate & 3 minutes 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.
- 250 W metal halide lamp (22,000 LM of brightness).
- Lights up an area of around 585 sq. meters (700 sq. yds).
- Cools & Deflates (folds back) easily in less than 3 minutes.

NITELITE

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

Model	Packaged Dimensions L x W x H	Height From Ground	Net Weight	Lamp	Brightness
PIL NiteLite	508 x 508 x 508 mm 20 x 20 x 20 inches	2.8 M 9 Feet	17 kg 38 lbs	Metal Halide 250 W	22000 Lumens

Scope of Application

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



PRISM INFLATABLE LIGHT IN ACTION

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PRISM BALLOON LIGHT

500 & 900 Watt LED

Outstanding Features

- Our LED's are very efficient: our 500 watt light only pulls 4.5 amps, where a 2000-watt halogen light pulls approx 16 amps and is not as bright.
- Instant re-strike, extremely mobile, and can be plugged into any 110-230V outlet.
- Our LED cells last on average 100,000 hours and upwards of 120,000.
- Can be powered by an inverter, solar panel or battery pack of its remote locations because for its low amp draw.
- Can be attached to a small generator on a roll cart for easy mobility, great for flagger stations or anywhere diffused lighting needs to be mobile.
- Our balloon design allows for the extremely bright and directed LED cells 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, water proof, UV-resistant, and fire-retardant balloon.



Tripod

- Min. & Max. Height : 77 inches x 120 inches
- Base Spread Dia. : 60 inches
- Center Tube Dia. : 1.5 inches
- Folded Height : 58 inches
- Weight : 7 Kg /15 Lbs.



Cost-Saving LED lighting that is easy to move & perfect for year-round use.

Our 500 watt & 900 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 set-up simple, so you save money, energy and time!



PMBL 100 / 160 Watt LED



ILLUMINANCE (LUX)	Under	3 feet	6 feet	9 feet	18 feet	27 feet
PBL 500 500 Watt LED at 10 feet from ground	326	258	148	84	20	9
PBL 900 900 Watt LED at 10 feet from ground	1776	1001	592	355	107	43
PMBL100 100 Watt LED at 5 feet from ground	1915	875	288	125	18	7
PMBL160 160 Watt LED at 5 feet from ground	1996	897	262	126	35	14

ELECTRICAL DATA	500 WATT LED PBL500	900 WATT LED PBL900	PRISM MINI BALLOON LIGHT PMBL100	PRISM MINI BALLOON LIGHT PMBL160
Power	500 Watt	900 Watt	100 Watt	160 Watt
Operating Voltage	80-190V AC @60 Hz 130-300V AC @50-60 Hz	90-265V AC @60 Hz 130-300V AC @50-60 Hz	100-277V AC @50-60 Hz	100-277V AC @50-60 Hz
Operating Temp.	-40° to 50° C	-40° to 50° C	-20° to 45° C	-45° to 50° C
THD	< 15%	< 15%	< 20%	< 20%

OPTICAL PARAMETERS				
Lumen Output (Without Balloon)	58500 Lm	103500 Lm	13500 Lm	21858 Lm
LED Lumen Efficacy	140 Lm/w	140 Lm/w	135 Lm/w	135 Lm/w
Beam Angle	120°	120°	288°	360°
Color Temperature	6500 K	6500 K	5000 K	5000 K

MECHANICAL PARAMETERS				
Dimensions	L380 x B 380 x H 615 mm	L380 x B 380 x H 725 mm	L240 x B 240 x H 525 mm	L240 x B 240 x H 525 mm
Weight	14.75 Kg / 32.52 lbs	16.75 Kg / 37 lbs	5 Kg / 11 lbs	5 Kg / 11 lbs
Mounting Pipe Diameter	Ø 35 mm	Ø 35 mm	Ø 25 mm	Ø 25 mm
Mounting Type	Tripod Stand	Tripod Stand	Rolling Stand	Rolling Stand

TELESCOPIC ROLLING STAND

Height: Basic - 53 inches
Height: Extended - 96 inches
Base Spread dia: 19 inches
Weight: 12 kgs / 26.5 lbs.
Wheel: 5 Nos. / 3 Lockable
Finish: Nickel chrome plated & Powder Coated

TESTIMONIALS

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.

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

Thank you so much for all you did to make the night a success! This is the second time we hosted this event and the lighting made the difference. The first time we did not enhance the area and it was pretty dark. Many guest remarked that the lights were a great enhancement they were able to clearly see each other.

-  **Lori Hersey**, Sales Manager, Rapids Water Park, FL.

This product (PIL) has worked well for all of our activities from major fire scenes to our site training. It is very convenient and simple to use.

-  **Lt. Troy Slattery Dunnellon**, Fire Rescue, Dunnellon, Florida

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

-  **Chris Kaelin**, City of Lakeland

(Talking about Prism Lighting Services) – 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).

-  **Randy K. Rockey**, Director Centre County Emergency Management

We have purchased the PIL in preparation for hurricane Isabelle and would like for our R&D team to take a look at it. We used it again at a water leak in Fort Totten and it saved us so much time and money.

-  **Tom Sorley**, Supervisor Orange County Public Safety Communication Div., Orlando, Florida



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