



# Concept Note LuminAID Solar Lights

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## Introduction

The use of solar lights instead of candles or kerosene lamps reduces the fire risks and even saves household expenses. LUMINAID Solar Lights are innovative and high quality lighting solutions for diverse sectors. The advantage of the inflatable solar light over common solar lights:



**Charge** in sun for 6-7 hours for up to 16 hours of LED light.



**Inflate** using valve. The inflation diffuses light like a lantern and protects eyes from any glare from the LED light source.



**Illuminate** with power switch once for LOW and twice for HIGH.



The LuminAID is water-resistant and can float.

- Innovative solar light packs flat and inflates into lantern
- Ultra-portable and lightweight at only 3 oz.
- Snaps to your backpack for charging on the go
- 8-10 hours light on high setting for reading and task work
- 14-16 hours light on low setting for safely or night light
- High-efficiency monocrystalline solar panel recharges in 6-7 hours of sunlight
- Deflated it is foldable to pocket size
- Floats and is waterproof up to 1 meter deep (IPX7)
- Operates on Lithium-Polymer Ion battery with over 500 recharge cycles
- LED automatically shuts off to prevent battery drainage
- Maintains fully charge for up to 3 months when stored
- Made from semi-transparent, puncture-resistant TPU material (PVC-free, phthalate-free)
- Inflated cushion can hang or just be placed on furniture/ground/water surface
- Cushion surface can carry slogans
- Includes easy to follow illustrated instructions



GreenTech Company, internationally awarded for its social and environmental efforts, found LuminAID as a vital solution to improve livelihoods and services at large, i.e.:

## Health

- Portable emergency lights for hospital staff – fits easily in uniform pocket
- Semi Fixed emergency light at each hospital bed – only needs to be taken out after 16h use for charging
- As support for mothers with new born babies, who need attention during night time (diaper changes, feeding, etc) to avoid accidents and cod death
- Inflated Cushion surface can display public sensitisation messages, such as: *Use a bed net to avoid malaria!*

## Disaster Risk Reduction and Relief

- Emergency light for households in risk of or hit by disaster, such as flooding, storms or fire (LuminAID was actually developed after the Japan Tsunami and provided as a response to the earthquake victims in Haiti), where waterproofed lights at night can reduce panic amid disaster and support clean-up after disaster
- Portable lights for support services, such as police, fire service, military, etc.
- As emergency lights for fishing boats, passenger boats (crossing or tourism), ferries, busses, bush taxis or any other transport system, even private vehicles and motor bikes, in case of break downs, to support problem fixing, for passengers' orientation and to help emergency services to locate vehicles or passenger in crisis
- Inflated Cushion surface can display emergency numbers: *Ambulance: 116, Police: 117, Fire: 118*

## Education

- Lighting of rooms in evening in areas of power shortage to enable students and teachers to prepare for school
- Inflated Cushion surface can display public sensitisation messages, such as: *Enlightened through Education!*



## Military/Police/Immigration/Fire Services

- Foldable feature allows the light set to fit easily in uniform pockets or back packs
- Inflatable feature allows high efficiency
- Water proofed feature allows universal use even in difficult conditions, such as camp/tent set-up in rain, sea rescue or flood disaster assistance
- Can hang or lay on surface with no need for montage
- Inflated Cushion surface can display public sensitisation messages, such as: *Safety First!*

## Public Service or Aid Agency Field Workers

- Increase safety and efficiency of fieldworkers in rural areas through a practical and durable lighting technology to fit in pockets and back packs
- Inflation with a few breaths turns the pocket size device into an office lamp or emergency light
- Easy to hang or just to be placed on any surface during work in the field or make-shift office
- Inflated Cushion surface can display promotion messages, such as: *XXX for a bright future of all*

## Tourism

- Emergency light for hotels, restaurants, bars, night clubs and other tourism establishments
- Useful souvenir for any tourist to be sold through tour operators, hotel shops, guides, etc.
- Ideal for tours upcountry and camping in any weather condition, as it fits easy in pockets, handbags or backpacks
- Inflated Cushion surface can display slogan or advertising, such as: *Bush and Beach Tour 2014!*

## Marketing

- Solar Lights are a useful gadget in every household for every member
- Innovative technology to identify with innovative provider
- Inflated Cushion surface can display marketing messages, such as: *Shining bright with XXX!*
- Light drags attention, printed messages will not be overlooked
- Ideal size and weight to give away as marketing gifts or prizes

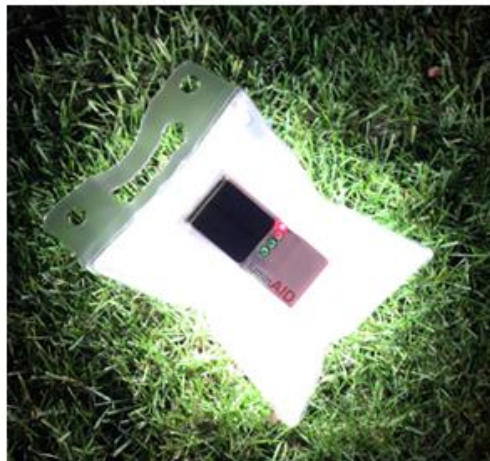


**Easy To Inflate And  
Is Waterproof Too**



**Two Brightness Settings:  
15 & 30 Lumens**

**16 Hour Performance  
At 15 Lumens  
8 Hour Performance  
At 30 Lumens**



Please contact GreenTech Company, if you would like to have a LuminAID demonstration, quotation or further details on advertising/print options on the solar light sets:

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