

# SOLARLIGHTCAP DEVELOPED BY

No more batteries - wearable light from the sun

Wear your cap  
during the day to  
give you **OVER 3 HOURS**  
**LIGHT ON FULL BEAM**  
whenever you need it,  
or up to 24 hours on dim

(see inside for details)





Ever had to  
stop what  
you were  
doing  
because it  
started to  
get dark  
and you  
didn't have a  
light?

*Photographed on location at Rakaia.  
Some adjustment has been made to allow for low light levels.*

Here's the answer for all those times you need a handy, convenient light that doesn't get in the way, that you don't need to carry, that recharges itself so it doesn't need new batteries all the time and gives you all the safety and functionality you want.

- Safety
- Efficiency
- Freedom
- Sustainability
- Survival



# SOLARLIGHTCAP

Survival gear for every adventure

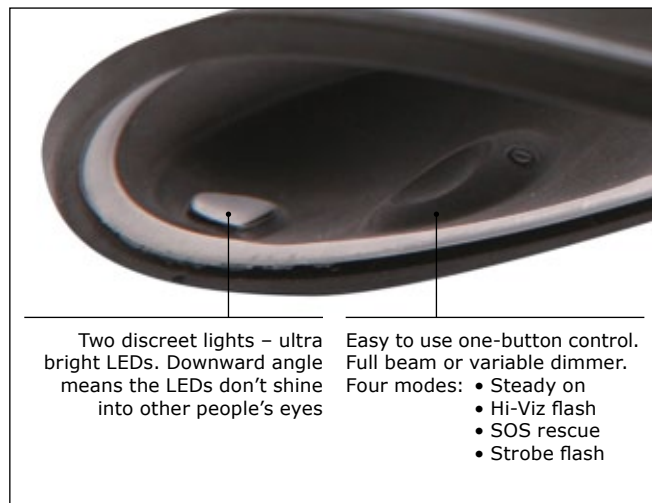
# SOLARLIGHTCAP

## FEATURES

Wear this comfortable cap during the day, push the button and you've got two strong LEDs shining at a downward angle (lighting up about 6 feet in front of you) when darkness falls, to either show the way or illuminate whatever you're doing. The solar charging means you don't have to worry about batteries – or the environment. And there's more than enough light for most people, with over 3 hours\* of full power operation from a fully charged cap. It's even longer in the dim or flashing modes.

- Solar powered - recharges in daylight
- No batteries to buy or throw away
- Simple push button operation
- Over 3 hours light on full beam
- To see and be seen
- Water resistant to IP66 standard
- Range of designs, colors and styles
- Safety reserve tank and SOS rescue beacon
- Variable dimmer
- Reduce your carbon footprint
- Award winning design - Highly Commended Australian Consensus Green Tech Awards

\*See our average operational timechart for details.  
Some variation on expected performance may occur.



Environmentally friendly solar-powered. Low pollution NiMH battery stores solar energy for several months

Re -charged by daylight  
Over 3 hours of light on full power  
Up to 24 hours of light on other modes

- 100,000 hours ultra bright warm white LEDs
- Reserve battery – small blips or 20 minutes on dimmer after power off
- Semi-flexible pre-bent peak
- Microprocessor controlled P.W.M. operation





Features leading US technology  
Product designed in New Zealand  
Crafted in China by a US company  
FCC certified

- Breathable cotton
- Cap is hand washable (do not submerge peak)
- Water resistant to IP66, Floats
- One size fits most people
- Range of designs, colors & styles

Worldwide Patent Pending

# SOLARLIGHTCAP

## PRODUCT INFORMATION

The **SolarLightCap** from **2C** comes in a selection of styles and color ways. There are full caps, mesh variations, styles with earmuffs and visor designs. You have a choice of popular colors. New styles are constantly being evaluated with a view to extending the range.

The **SolarLightCap** combines both fashionability and functionality. It has been certified by the **Australian GreenTech Consensus Awards**.



We also offer specialist styles, bespoke design and corporate identity services



Outdoors



Trekking



Fishing



Camping



Boating



Equestrian



Work



Safety



Rescue



### SLC100 CLASSIC

**Original** 6 panel style - heavy brushed cotton, with adjustable strap and brass buckle. The optimal selection for both moderate and cool climates.

Color ways:



Sizes: 1 size



### SLC405-VOYAGER

**Corporate** stylised design. Lightweight 100% polyester microfibre. With elasticised adjustable, reflective strap

Color ways:



Sizes: 1 size



## SLC410 RACER

**Sleek**, low profile with fine mesh providing cooling and comfort. Lightweight 100% polyester microfibre. With elasticised adjustable, reflective band.

Color ways:



Sizes: 1 size



## SLC550 POLAR

This pure wool outer and viscose inner will keep your head very cozy - important in extreme conditions. Twin buttons secure the fold down ears.

Color ways:



Sizes:  
Medium, Large



## SLC600 VISOR

The 2C visor is the worlds most ergonomic headlamp, Attaches with elastic and rip strip adjustment

Color ways:



Sizes: 1 size



## SLC405 STREET

Main Street design, also available in camo for that hunt. Cotton twill material with adjustable strap and brass buckle

Color ways:



Sizes: 1 size



## SPECIALIST

We produce styles for specific climates and activities. Please contact your agent for the latest range, or to make a bespoke design for your market. Logo service also available.

**Please note:** Styles, color options and other product specifications may change without notice. New styles and design improvements are constantly being introduced. These product references are therefore only intended as a guide to the range available at the time of printing.

## COLOURS

- Bush Green
- Slate
- Red Rock
- Sandstorm
- Pitch Black



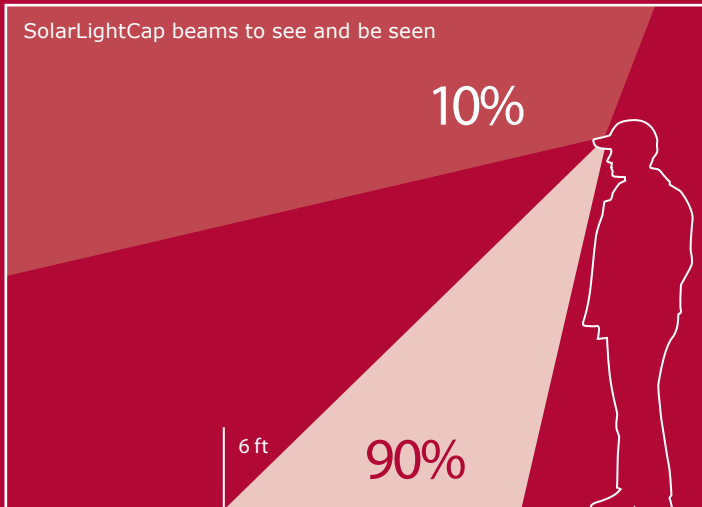
# SOLARLIGHTCAP

## PERFORMANCE...

### How far will you see at night with your SLC?

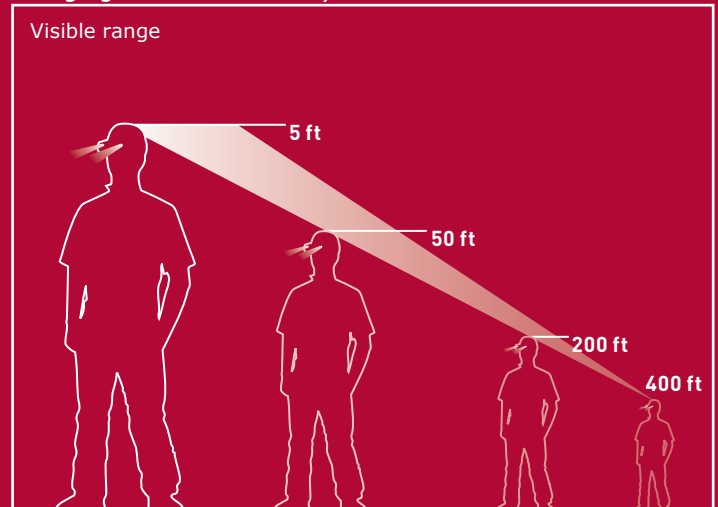
Your **SolarLightCap** will shine around 6 feet in front of you with a standard head angle. By lifting your head higher the beam of light can extend out to around 30 feet. That's around two car lengths ahead.

Naturally, as the distance gets greater the intensity of the light lowers. Dimming and flashing modes produce different results.



### Visibility at distances

It's not just a matter of seeing, but of being seen. Wearing your **SolarLightCap** means you can be seen from a distance. While the lights have been angled so they won't shine directly in people's eyes, they are highly visible. In SOS mode your **SolarLightCap** can provide 4 – 8 hours operation (see charging charts for details).



Please note: Graphs are indicative only – not to scale. For actual specifications please contact manufacturer.





“What a great product! I’ve always got a hands free light I can rely on to see what I’m doing and because it’s also my cap, I never forget to bring it.”

# SOLARLIGHTCAP

## HOW IT WORKS...



### About Powersave...

The **SolarLightCap** uses a special mode to turn off before the battery drains completely. This ensures it always has a little power in reserve to provide short bursts of light with every press of the button. This can be extended to up to 20 minutes of light using the variable dimmer.

## Using the sun and 2C Technology

When sunlight shines onto the solar cell panel enclosed in the peak of the SolarLightCap, photovoltaic technology converts this solar energy into electricity, which is then stored in three special batteries for later use. Our SolarLightCap then uses a microprocessor-controlled power management system that provides pulse width modulation to control the light brightness and various light patterns. This allows 'even light' brightness as the battery discharges and saves power when using the dimmer or pattern controls.

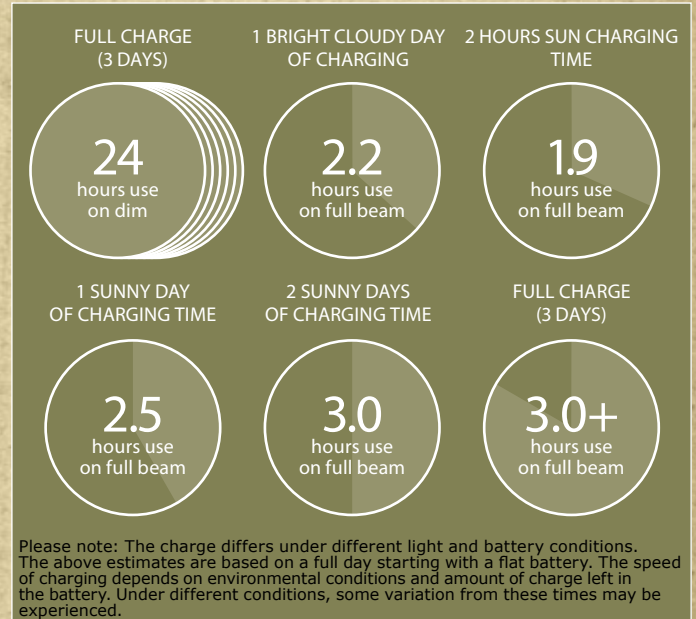
It takes 3 days to charge your SolarLightCap to capacity. Then you should be able to expect over 3 HOURS USE ON FULL BEAM from your SolarLightCap by 2C. A day's charging in sunlight (approximately 8 hours in reasonable light) will recharge your cap from then on. Performance times will be even longer if you are using your SolarLightCap in the dim or flashing modes.

There's all the convenience of not needing to think about batteries. It's the self-recharging light you wear. That also makes it better for the environment because it uses clean solar power and there's no excessive pollution from discarded batteries.

What's more, it actually saves you money. After 6 weeks use the price you'd have otherwise paid for replacement batteries means your SolarLightCap will have paid for itself!

## Operational performance on full power

Usage time for your SolarLightCap depends on the conditions in which the cap is charged. To reach a full charge initially takes about 3 days of daylight.



**The 2C Solar Light Cap provides up to 5000 hours of sustainable, free light.**



# THE STORY OF OUR SOLARLIGHTCAP

One night many years ago, I was busy taking photographs of the sunset on Tioman Island in Malaysia and had wandered far from my campsite. Darkness comes fast the tropics and minutes later I was in pitch blackness, forced to crawl on hands and knees back along a narrow track to the base. When I retraced my steps the next day I discovered that I had been crawling along the edge of a sheer precipice with the rocky sea below, completely oblivious to the danger.

If only there had been some form of light. Despite all of our advances, how reliant we are on light. Our safety and enjoyment of the great outdoors completely depends on it. Imagine if there was a self-charging light, one that would leave your hands free, one that could be incorporated into everyday clothing...

While looking at international markets, I became increasingly aware of the enormous need for lighting where electric lights are unreliable or simply don't exist, and the ecological impact became more important to me – no more batteries for the landfill and sustainable, renewable power were vital components in the design.

Using free light from the sun to light up the dark, my original vision - *to light the world* - is getting nearer every day.

“It wasn’t until much later, with the advent of the technologies that could support this – flexible solar panels, micro-computing electronics, along with ultra bright LEDs, that I realized we could make this a reality...our SolarLightCap.”

Simon Dyer, 2C

## SOLARLIGHTCAP

It has taken more than three years of product development, dozens of design prototypes, patent searches and a host of scientific tests...but now, our unique **SolarLightCap** uses superior, sophisticated **2CTechnology** to promise unequalled performance and reliability, integrated into an award-winning, world class ergonomic unique, design.



# ABOUT 2C™

2C is committed to the development of innovative green technological products that provide practical solutions to enhance every day life whilst having an inherent respect for the environment.

Our philosophy includes a forward-looking attitude to be environmentally aware by using a combination of green technology, ergonomic design and functionality.

Tomorrow promises a challenging world - It will be a place where what we wear will have added functionality without losing its esthetic appeal. It is this combination of design and purpose that is creating a new approach.

2C Light is leading the challenge by developing sustainable, wearable technologies to benefit the wearer with convenience, and safety.

Our company uses its own 2C Technology to realize advancements in incorporating technology into our daily lives – enhancing comfort, convenience and functionality. It's innovative design thinking, backed by rigorous testing and a keen respect for the environment and what people want and need.



“The judges valued the safety & efficiency of the cap product. It virtually eliminates the need for batteries, and even the solar brim is designed with lifecycle considerations”



Australian Consensus  
Green Tech Award Judges



I think this light-in-a-hat is really  
brilliant! I have to say, I love it...  
this hat is just awesome...soooo much  
easier than having a pocket torch or  
anything...I was moving stock and it  
got a bit late and my 2C hat saved the day  
...I was able to get home safely without  
stripping over anything...my husband  
has just been on a 5 day hunting and  
fishing trip around Dusky Sound...  
uses it for everything and as he's ar

**SOLARLIGHTCAP** 

[www.solarlightcap.com](http://www.solarlightcap.com)