



SOLARIS RANGE



INNOVATIVE PORTABLE RECHARGEABLE LED LIGHTING SYSTEMS

The **SOLARIS RANGE** continues to lead the way in innovative portable LED floodlighting. Each unit can be tailored to fit your requirements, however demanding the specification, and the increase in case styles, battery types and optics, make this range by far the most adaptable units available on the market.

With different configurations available, we can now offer 24000 lumens from a 4 headed battery unit or 6000 lumens from a single head unit, weighing under 6kg.

Fitted with 18 high powered CREE® LEDs and using unique intelligent optics, the **SOLARIS** offers the perfect balance of flood and distance, whilst eliminating glare giving a cool running shadow free white light.

Supplied and incorporated in a specialist outdoor case, so robust that we offer a limited lifetime guarantee, the **SOLARIS RANGE** truly is the best replacement for generator powered halogen as they are fully portable, emit no noise or emissions and run cool making them safe for confined spaces. All units can be fully assembled in minutes.



HEAD

- 18 High powered CREE® LEDs
- High, Low, Flashing modes
- Robust and weatherproof construction – Rated IP65
- 360° swivel and 180° tilting head
- Low heat emission
- Low voltage for safe operation
- Can operate on power sources between 10V – 30V

EXTENSION POLE

- 3 section extendable mast
- Quick lock/release system
- Extends from 500–1300mm

CASE

- Closed lid charging
- Ultra high-impact ABS plastic
- Equipped with locks and handles
- Able to withstand extreme temperatures (–40°C–+80°C)
- Sturdy, stackable and weatherproof
- Unlimited lifetime guarantee
- Inline wheels and telescopic handle–DUO (38 A/h) only

POWER PACK

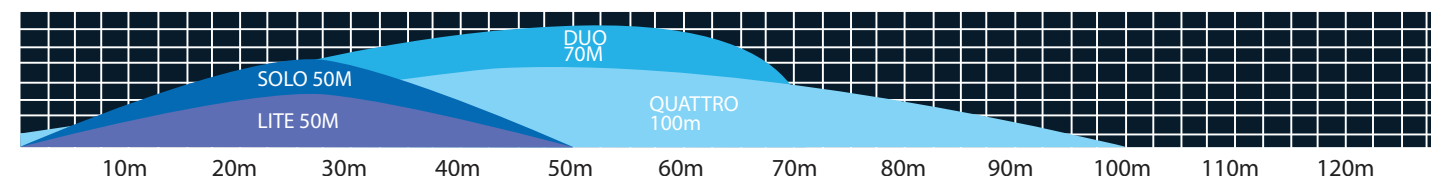
- Fully integrated rechargeable battery
- LED battery status indicator: green, amber, red
- Low battery warning: Red flashing LED
- Able to withstand extreme temperatures (–20°C to +60°C)
- Input/output sockets to allow additional 12V equipment, to run from batteries or directly from mains (16A charger required) 24Ah=3 sockets 38Ah=5 sockets

ENVIRONMENTALLY FRIENDLY

- No replacement bulbs
- Low carbon, reducing CO2 emissions
- Silent operation, with no noise pollution

ACCESSORIES

- Diffused or Coloured filters
- 17A Single charger
- Car adapter / 5m extension lead
- Magnetic base / Mounting clamp
- Different lens for wider or narrower beams
- Additional power supply enabling head to run directly from a 230V power source
- 3.5M Tripod





LITE RANGE



HIGH PERFORMANCE PORTABLE RECHARGEABLE LED LIGHTING SYSTEM

The **SOLARIS LITE** range uses the latest in LED technology and thermal power management, providing intense light power in a compact portable unit. The base has been upgraded to make it more user friendly with an ergonomic shape that houses the charger, telescopic pole and a wider shoulder strap, for greater portability and reduced stress when carried long distance.

This unit can be set up in less than 30 seconds for rapid deployment in emergency situations, and is made from a very tough ABS plastic to ensure long operating life and reliability for all situations. The most important aspect of LED flood-lighting is the light output and in this regard the **SOLARIS** head now has 3500 lumens as standard. The combination of 18 high powered Cree® LEDs and intelligent optics offer a unique floodlight that completely eliminates glare and covers huge areas with shadow free white light.

All **SOLARIS** models produce no heat and operate silently, making them ideal light weight alternatives to 300W halogens running off a generator. Another major benefit is the saving achieved in reducing carbon emissions as the **SOLARIS** is up to 99% more efficient than generator powered lighting.



CASE

- Unique compact design
- Robust ABS plastic with locks and handles
- Able to withstand extreme temperatures (-40°C to +80°C)
- Storage compartment for chargers and filters
- Weatherproof—IP65 Rated

POWER PACK

- Push button LED battery status indicator
- Two 12V input/output sockets to allow additional equipment to run from batteries
- Able to withstand extreme temperatures (-20°C to +60°C)

EXTENSION POLE

- Extends from 500mm–1300mm – Total (max) product height 1.3m

SUPPLIED WITH

- Mains charger, extension pole, power source, diffused filter and shoulder strap



LITHIUM-ION OPTION

The **SOLARIS LITE** Li-ion is currently the lightest and most portable in the range. It's an ideal option for applications where the light needs transporting over long distances as it's nearly half the weight of the standard model.

This technology is now widely used in laptops and the latest smart phones due to its power to weight ratio. This option greatly reduces manual handling as the whole unit only weighs 5.7kg!

This advanced lithium technology requires virtually no maintenance and can be left in a fully discharged state without damaging the battery, nor will it suffer from 'memory effect'.

SPECIFICATION

	LITE	LITE LI-ION
Light output	3500 2000 lumens	3500 2000 lumens
Light source	18x CREE LEDs	18x CREE LEDs
Light modes	High, Low, Flash	High, Low, Flash
Beam speed	30° - 120°	30° - 120°
Run time	6h 13h 25h	7h 14h 26h
Charge time	8h	7h
Battery	12V 17Ah SLA	14.8V 18.2Ah Li-ion
Head size (mm)	L300 x W58 x H248	L300 x W58 x H248
Case size (mm)	L250 x W180 x H140	L250 x W180 x H140
Product weight (kg)	9.5	5.7
Boxed size	L460 x W320 x H280	L460 x W320 x H280
Boxed weight (kg)	11.8	6.3
Part no.	NSSOLARISLITE	NSSOLARISLITEIIION





SPECIFICATION

	SOLO	DUO 24	DUO 38	QUATTRO
Light output (lumens)	3500 2000	7000 4000	7000 4000	14000 8000
Light Source	18x CREE® LEDs			
Running	9h Full 18h Half 36h Flashing 900h Standby	4.5h Full 9h Half 18h Flashing 450h Standby	7h Full 14h30 Half 29h Flashing 750h Standby	3h30 Full 7h Half 14h Flashing 375h Standby
Battery type	12V 24Ah SLA	12V 24Ah SLA	12V 38Ah SLA	12V 38Ah SLA
Charge time	7h	7h	10h	10h
Head size	L300 x W58 x H248mm			
Case size (mm)	L455 x W315 x H365	L455 x W315 x H365	L665 x W335 x H500	L665 x W335 x H500
Weight (kg)	16.4	19.3	32	35
Part no.	NSSOLARIS1	NSSOLARIS2	NSSOLARIS2-38	NSSOLARIS4

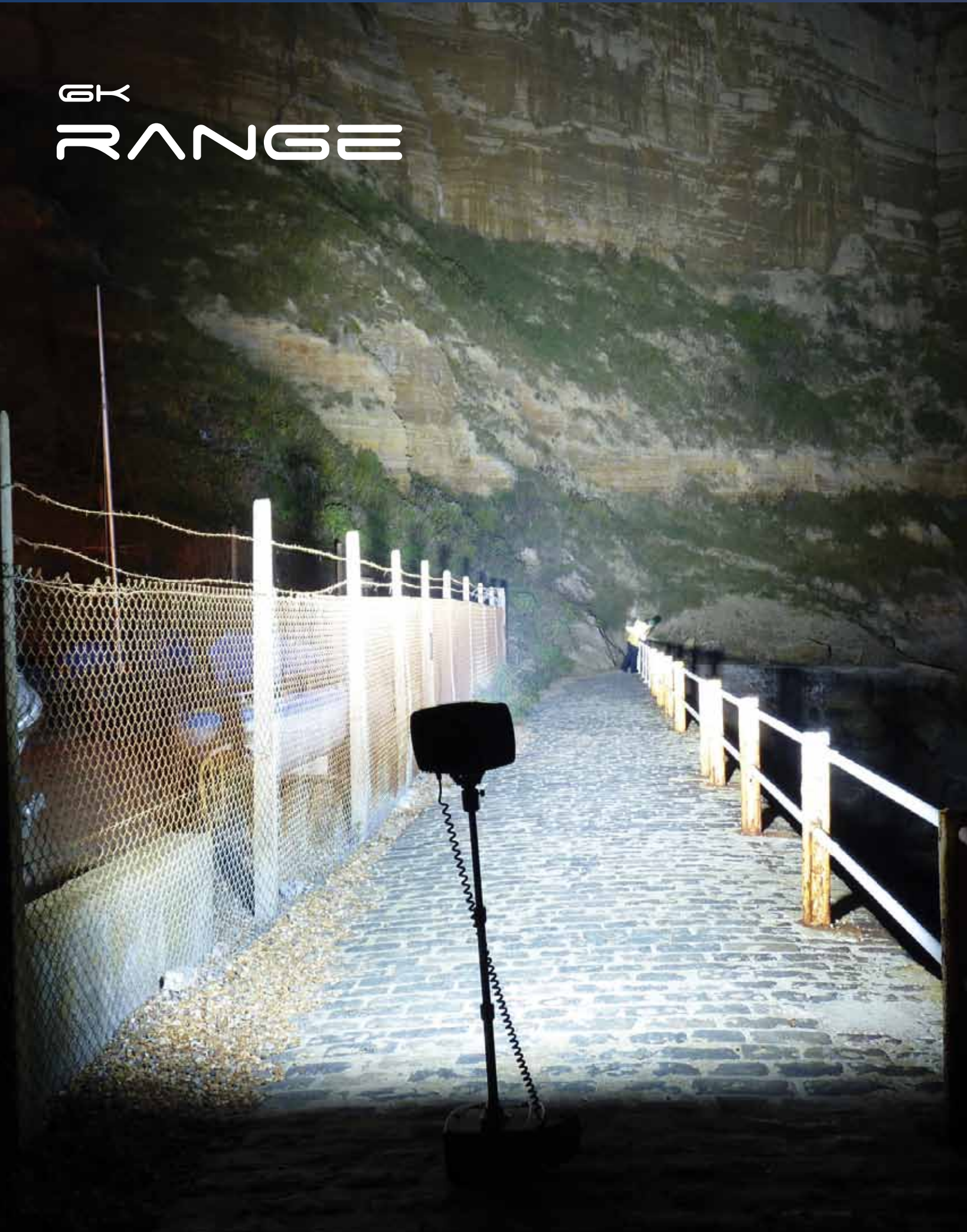
PRODUCT FEATURES



- 1 Safe operation closed lid charging
- 2 Foam inserts for protection in transportation and storage
- 3 Shock, drop and water resistant ABS plastic casing
- 4 Intelligent battery status indicator (Red, Amber, Green)

- 1 Aluminium heat sink, allowing high power, but maintaining low heat.
- 2 Advanced focus optics for superior, clear light
- 3 Latest in Cree LED technology

6K
RANGE



SPECIFICATION

	LITE 6K	SOLO 6K	DUO 24 6K	DUO 38 6K	QUATTRO 6K
Light output (lumens)	6000 3000	6000 3000	12000 6000	12000 6000	24000 12000
Battery	12V 17Ah SLA	12v 24Ah SLA	12V 24Ah SLA	12V 38Ah SLA	12V 38Ah SLA
Running time	2h30	3h30	1h45	3h	1h30
Weight (kg)	5h	7h30	3h4	6h	3h
	11.8	16.4	19.3	32	35
Light output (lumens)	6000 3000	6000 3000	12000 6000		
Battery type	14.8V 18.2Ah LI-ION	36.4Ah LI-ION	36.4Ah LI-ION		
Running time	3h30	7h	2h45		
Weight (kg)	6.3	11	13.9		

THE NEXT GENERATION OF LED LIGHTING

Our best performing LED floodlight remains unchallenged largely due to the advanced research and development employed from our in-house design team. We are confident the light performance of the SOLARIS 6K head can only be achieved by NightSearcher.

We have made it our mission to offer customers a safe, green alternative to inefficient Halogen operating off generators and the SOLARIS 6K head is truly a world first as it flood's huge areas with white, shadow free light. It can be used in conjunction with all of our power packs enabling retrospective upgrade's as available, cost saving exercise that will ensure you have the latest technology at a fraction of the cost. By changing over to LEDs, companies could also save up to 3000 tons of CO2 a year* whilst offering a reliable and safe floodlight.

The unique combination of high power LEDs and intelligent optics allow for optimum balance of flood and distance to achieve maximum shadow free coverage, running at 6000 lumens (per head). With the 4 battery pack options, there is a run time and weight to suit all applications (Rail maintenance/inspections, sporting events).

SOLARIS 6K is available in a variety of sizes and weights starting from only 5.7kg! To give a comparison, the average weight of a 1 kva generator and halogen head is 29kg min.

SPOT LENS

The SOLARIS head is available with a wide range of lenses from 10-90 degrees. Our research has resulted in using 30° optics as standard, due to the balance of flood and distance they achieve. However, we are able to supply the units with a variety of optics to suit the varied application. Spot lens are recommended to illuminate areas and structures at long distances of approximately 80-100m, whereas the wide angled are designed to flood areas for sports and void property situations.

