

# ≡ NIGHTSEARCHER

LIGHTING THE FUTURE

2012 – 2013





It is the policy of NightSearcher Ltd to offer environmentally innovative products minimizing our impact on the environment.

We have designed a range of ultra green products to help our customers significantly reduce their carbon footprint. Through constantly researching and developing new technology, NightSearcher products provide exceptional performance, reliability and energy efficiency.

Please see our website for our full environmental policy.

Colin Howard – Managing Director

2012

NIGHTSEARCHER produce high quality professional lighting products. Through our reputation for innovation, quality and reliability our product range has grown to meet the changing needs of our customers. Our in-house research and design department allows us to fully develop lighting products to suit any application.

Currently we make the most powerful rechargeable LED floodlight in the world, it completely replaces inefficient halogen based lights operating off generators eliminating heat, weight, emissions, fuel, trailing cables etc. We have also introduced LED upgrades across our range to extend the running times and enhance performance.

The Lighting featured in this catalogue offers the most radical solutions to your lighting needs.

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#### ISO

NightSearcher Ltd are UKAS registered certification to ISO 9001:2008



#### QR CODES

Scan using your Smartphone to view video & information links



#### LINK-UP

NightSearcher Ltd are Link-Up approved (UK rail supplier qualification scheme)



#### ENVIRONMENTALLY FRIENDLY

All new products are designed to minimise out impact on the environment.

All information is correct at time of press, we reserve the right to alter prices and product specifications at any time and for any reason without liability. Product illustrations and effects may be simulated. Errors and omissions excepted.





**HIGH PERFORMANCE LED SEARCHLIGHTS**

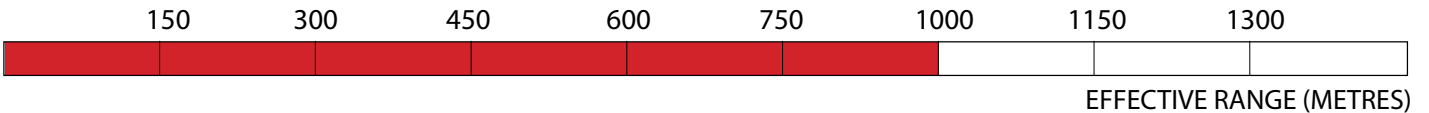
Working on the existing model, the **PANTHER LED** range uses the latest in LED technology and thermal power management, providing intense light power and durability. Featuring 9 Cree® LEDs they produce 1500 lumens and a beam distance of 1000m.

The tried and tested design ensures it retains all the original robust features; but the upgrade to LED means vastly improved operating times, no heat risk and requires no replacement bulbs (LED offers 50,000h+ lifetime). LEDs also offer a much clearer white light, flooding the immediate area and providing a strong spot beam for long distance lighting.

LED also allows for various mode options, and additional to the high power, the **PANTHER LED** range features low mode (1000 lumens), designed for extended runtimes or closer applications and Flashing/Strobe modes for signalling purposes or emergencies/defence.



- 1500 | 1000 lumens
  - LEDs offer 50,000h life
  - No heat
  - 1000 metre beam
  - 4 modes: High, low, flashing, strobe
  - Detachable shoulder strap and adjustable stand
  - Battery charging indicator (red to green)
- **Supplied with:** Mains charger and shoulder strap
  - **Used by:** MoD, Police, Search & Rescue and Railways
  - **Applications:** Utility maintenance, Overhead line inspection, Jointing, Track/tunnel inspection, Line of sight, Security patrol, Public order
- OPTIONAL EXTRAS**
- Vehicle charger
  - Vehicle charging base (CB option)
  - Vehicle/wall mounting bracket
  - Protective carry case
  - IP65 version available



**PANTHER LED LITE**

Use of Lithium-ion batteries offers optimized weight, power and battery life. This option is designed for professional applications where high performance, long running times, but low weight are crucial.

Unlike Lead acid batteries, high performance Li-ion require low maintenance and can be left in a fully discharged state without damaging the battery, nor will they suffer from ‘memory effect’, associated with other batteries.

Weighing in at only 1.6Kg (reduced by 1.4Kg) the **PANTHER LED LITE** offers the ultimate power to weight ratio and an incredible running time of 8h at full power.



**SPECIFICATION**

	Panther LED	Panther LED LITE
<b>Light output</b>	1500   1000 lumens	1500   1000 lumens
<b>Light source</b>	9 Cree® LED	9 Cree® LED
<b>Light modes</b>	High, Low, Flash, Strobe	High, Low, Flash, Strobe
<b>Run time</b>	5h   10h30	8h   14h
<b>Battery</b>	12V 7Ah lead acid	14.8V 7.8Ah Li-ion
<b>Charge time</b>	8h	7h
<b>Product size (mm)</b>	L260 x W150 x H180	L260 x W150 x H180
<b>Product weight (kg)</b>	3	1.6
<b>Boxed size (mm)</b>	L269 x W224 x H204	L269 x W224 x H204
<b>Boxed weight (kg)</b>	3.5	2.1
<b>Part No.</b>	NSPANTHERLED	NSPANTHERLEDLITE

CAT/PAD No. LED LITE 0111/103516





#### SPECIFICATION

Light output	5200 lumens
Light source	50W HiD
Run time	2h   18h
Battery	14.8V7.8Ah Li-ion
Charge time	6h
Product size (mm)	L260 x W150 x H180
Product weight (kg)	1.6
Boxed size (mm)	L280 x W175 x H200
Boxed weight (kg)	2.3
Part no.	NSPANTHERHID

#### HIGH INTENSITY, LONG DISTANCE SEARCHLIGHT

The **PANTHER HiD** has all the benefits of the normal **PANTHER**, but in addition, offers High Intensity Discharge Xenon lighting, giving over 5 times more light output than our regular model. Unlike conventional filament lamps, with HiD Xenon, the light is created by an arc of gas in a small glass sphere. This also produces a much whiter, more natural light colour.

Operating for 2 hours per charge on main beam, the **PANTHER HiD** also has a secondary lower level light, using a powerful 3W Luxeon Star LED; fitted with a special lens for a concentrated beam. This will operate in excess of 18 hours per charge and has a 100,000h life.

The **PANTHER HiD** is powered by Li-ion. These batteries are much lighter when compared to sealed lead acid batteries, and can be recharged at any state of discharge without any risk of memory affect.

- 5200 lumens
- 5 mile beam
- 2 Light modes: High and low
- 50W HiD xenon main bulb
- 3W Luxeon Star secondary bulb
- Operates for 2h on high & 18h on low
- Battery charging indicator (red to green)
- Robust weatherproof construction
- Adjustable stand and detachable shoulder strap

- **Supplied with:** Mains charger and shoulder strap
- **Used by:** Police, Fire and Rescue Services, MoD, Utility groups and Railways
- **Applications:** Search & Rescue, Long range inspection, overhead line inspection, security

#### OPTIONAL EXTRAS

- Vehicle charger
- Vehicle/wall mounting bracket
- Protective carry case



#### HIGH POWERED SEARCHLIGHT

The **PANTHER** is a powerful, robust and rechargeable searchlight, with both long distance spotlight and local area floodlight beams. Used for professional applications, it is virtually unbreakable, incorporating a toughened lens and a shock resistant polyethylene plastic casing. Water resistant, it can be used in all weather conditions.

- 1500 | 350 lumens
- 1000 metre beam
- 2 light modes: High and low
- Battery charging indicator (red to green)
- **Supplied with:** Mains charger and shoulder strap

#### CB OPTION

The **CB** option is a specially modified version of the **PANTHER** range, which can be used with the vehicle 'charging/ mounting base'. The base (sold separately) can be mounted inside a vehicle, and the Searchlight is charged directly in the base. The base is available in 12v OR 24v.

#### SIGNALLING OPTIONS

- 1500 lumens
- BF: Red, Green, Blue and Blue flashing
- MA: Red, Green, Amber and Amber flashing
- **Applications:** Track Inspection and train signalling, Airport security, stop and search signalling lamp for environment agency/customs & excise, Police & Fire hazard warning light

#### SPECIFICATION

Light output	1500   350 lumens
Light source	50W   20W halogen
Run time	1h30   4h
Battery	12V 7A/h lead acid
Charge time	8h
Product size (mm)	L260 x W150 x H180
Product weight (kg)	3
Boxed size (mm)	L269 x W224 x H204
Boxed weight (kg)	3.5
Part No.	NSPANTHER







#### SPECIFICATION

Light output	1500   175 lumens
Light source	50W   10W halogen
Run time	1h30   8h
Battery	12V 7A/h lead acid
Charge time	8h
Product size (mm)	L250 x W115 x H280
Product weight (kg)	3.1
Boxed size (mm)	L269 x W224 x H204
Boxed weight (kg)	3.8
Part no.	NS750

#### OPTIONAL EXTRAS

- Red, amber, green and blue colour filters
- Diffused lens
- Gun mounting bracket
- Suction, gripper or magnetic bases



#### HIGH POWER RECHARGEABLE UTILITY SEARCHLIGHT

The rechargeable **NS750** is a versatile and powerful searchlight. Using a 50W halogen bulb it offers a one mile spot beam and a secondary 10W halogen work light.

It has a detachable head with coiled lead, rocker switch, spot lens and lens protecting rim. The head is manufactured in tough polypropylene plastic, making it virtually unbreakable. The powerpack is manufactured from light weight aluminium and finished in tough polyester coating.

The **NS750** is also available with a (Hi-Vis yellow) polyethylene plastic powerpack. This is to provide total insulation when near live supplies, making it a safer option for railways and utility companies.

- 1500 | 175 lumens
- 1000 metre beam
- Detachable head and coiled lead
- Highly polished reflector for even beam spread
- 2 light modes: High and low
- Battery charging indicator
- **Supplied with:** Mains charger, vehicle charger and shoulder strap
- **Used by:** Utility Groups, Search and Rescue, Environmental Agencies and Railways
- **Applications:** Long range operation, versatile application

#### ALREADY GOT ONE OF THESE?

Customers who already own the **NS750** can upgrade to the **LED** version just by purchasing the LED head. The battery and chargers are completely compatible. By upgrading to LEDs the performance in running time is extended to 6h on full (1500 lumens) and it also has a low power setting which will operate for 13h continuously per charge. Added benefits are a big reduction in heat making it totally safe for confined spaces and giving a better shadow free white light.



#### HIGH PERFORMANCE RECHARGEABLE LED UTILITY SEARCHLIGHT

Originally designed for the utility sector where a long range beam was required, enabling overhead inspections for powerlines, this model is upgraded to LED.

NightSearcher build close relationships with customers and the design of this new LED head was built around the specifications they require. Our research and development department worked in conjunction with EDF and Western Power. This resulted in a unit with three times the performance, in running times, no heat or glare, and most importantly no sacrifice in light output.

The **NS750LED** offers a spot beam of 1500 lumens with a 1000 metre beam. It has 4 light modes; High, low, flashing and strobe function, operating for 6–13 hours.

- 1500 | 1000 lumens
- 1000 metre beam
- Detachable head and coiled lead
- 5° optics for long distance and even beam spread
- 4 light modes: High, low, flashing, strobe
- Battery charging indicator
- **Supplied with:** Mains charger and shoulder strap
- **Used by:** MoD, Police, Utility Groups, Search and Rescue, Environmental Agencies and Railways
- **Applications:** Overhead line inspections

#### LED LITE

Upgrading to a Lithium-ion battery offers optimized weight, power and battery life. This option is designed for professional applications where high performance, long running times, but low weight are crucial.

Unlike Lead acid batteries, high performance Li-ion require ultra low charge maintenance and can be left in a fully discharged state without damaging the battery, nor will they suffer from 'memory effect'.



#### SPECIFICATION

Light output	1500   1000 lumens
Light source	9 Cree® LED
Run time	6h   13h
Battery	12V 7A/h lead acid
Charge time	8h
Product size (mm)	L250 x W115 x H280
Product weight (kg)	3.1
Boxed size (mm)	L269 x W224 x H204
Boxed weight (kg)	3.8
Part no.	NS750LED



#### SPECIFICATION

Battery	14.8v 7.8Ah Li-ion
Runtime	8h   14h
Weight (kg)	1.7
Part No.	NS750LEDLITE



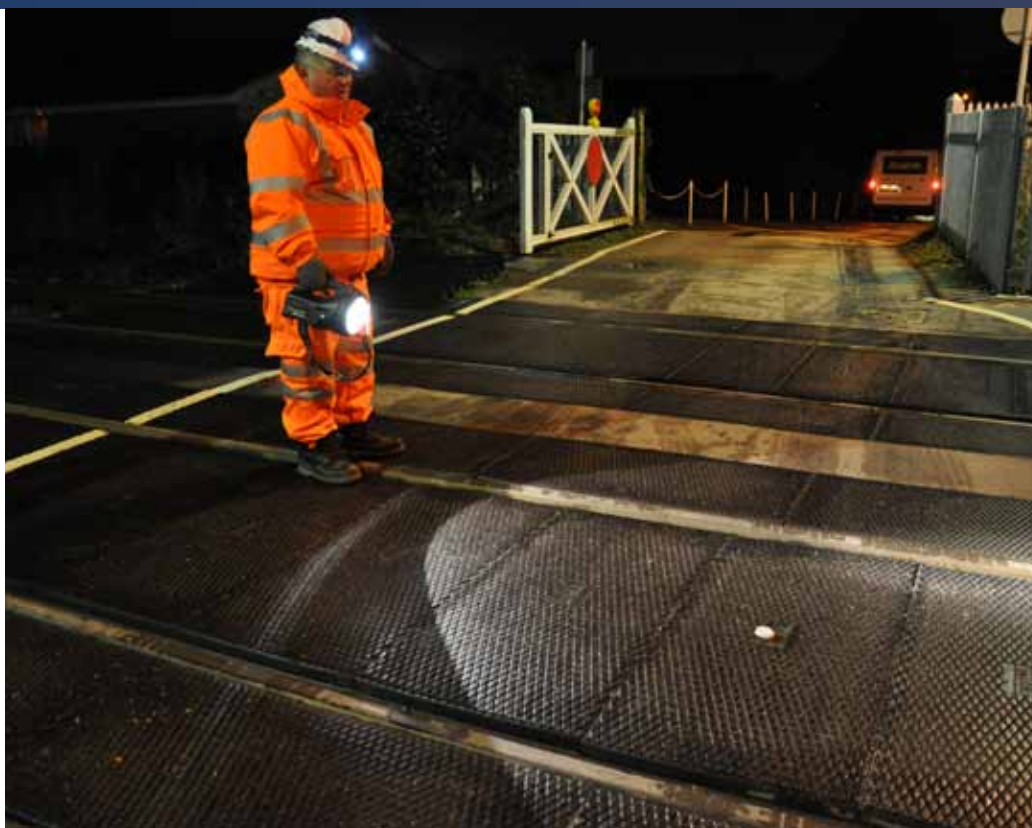


#### SPECIFICATION

Light output	750   175 lumens
Light source	30W   10W halogen
Run time	1h30   48h
Battery	12v 4A/h lead acid
Charge time	8h
Product size (mm)	L215 x W120 x H140
Product weight (kg)	2.1
Boxed size (mm)	220 x 200 x 160
Boxed weight (kg)	2.5
Part no.	NSPUMA

#### OPTIONAL EXTRAS

- Vehicle charger
- Red, amber, green and blue colour filters
- Vehicle charging base
- Vehicle/wall mounting bracket



#### ROBUST RECHARGEABLE SEARCHLIGHT

The rechargeable **PUMA** is a lightweight and smaller version of its big brother the **PANTHER**. It offers the same running times, but in a more lightweight and compact size. It is used for professional applications by emergency services, utility companies, security organisations, and both military and civilian rescue teams.

Virtually unbreakable, the **PUMA** incorporates a toughened glass lens and a shock resistant polyethylene plastic case. It can be used in all weather conditions.

- 750 | 175 lumens
- 500 metre beam
- 2 light modes: High and low
- Operates for 1h30 on high and 4h on low
- Battery charging indicator (red to green)
- Supplied with:** Mains charger and shoulder strap
- Used by:** Emergency services, Utility companies, Security organisations, and rescue teams
- Applications:** General purpose lighting

## PUMACB

The **CB** option is a modified version of the **PUMA** range, which can be used with the vehicle charging base.

The base can be mounted inside a vehicle, and the searchlight is charged directly in the base. Available in 12v OR 24v.



#### PROFESSIONAL RECHARGEABLE LED INSPECTION LAMP

With 2 selectable modes, this lamp features a high intensity flood inspection via 2x 1W LED and a spot beam via 1W LED torch function. The integrated magnetic back and foldable hanging hook allow a choice of mounting options.

Powered by a high capacity Lithium-ion battery, running for up to 7h per charge. Li-ion ensures maximum life performance, with low charge maintenance and no memory effect. The charging base can be mounted to walls or worktops and will recharge the lamp in under 4h.

Rechargeable and cordless light housed in heavy duty rubber casing with a virtually unbreakable polycarbonate lens, it is shock, water and oil resistant with an IP54 rating.

- 200 lumens
- 2 Light modes: High, Low
- Runtime 3h30 – 8h per charge
- Mountable charging base
- Battery charging indicator
- Integrated magnet
- Adjustable hanging hook
- IP54 Rated
- Supplied with:** Charging base and mains adaptor
- Used by:** Automotive, Railways, utility groups
- Applications:** Car maintenance, machinery inspections



#### SPECIFICATION

Light output	200   100 lumens
Light source	3x 1W LED
Run time	3h30 Flood   7h Torch
Battery	3.6V 200m/ah Li-ion
Charge time	4h
Product size (mm)	L95 x Dia.29
Product weight (kg)	3.43
Boxed size (mm)	L275 x W176 x H69
Part no.	NS3LED







## SPECIFICATION

Light output	210   20 lumens
Light source	Cree XR-E Q5 LED
Run time	3h+   24h
Battery	4.8V 2200 mA/h Ni-MH
Charge time	8h
Product size (mm)	L170 x W86 x H177
Product weight (kg)	0.70
Boxed size (mm)	L189 x W187 x H96
Boxed weight (kg)	0.90
Part no.	NSTRIGGER



## HIGH PERFORMANCE RECHARGEABLE LED SPOTLIGHT

The **TRIGGER** is the first lightweight LED alternative to 2–3 million candle power halogen searchlights, which are very inefficient compared to the **LED TRIGGER**. The unique deep reflector system combined with high intensity Cree® LED provide a spot beam able to cover vast areas. Using only 210 lumens, it offers 5 times the performance against conventional searchlights.

This spotlight will operate for 3h at full brightness, and will continue to operate for 3h+ at reducing brightness. The **TRIGGER** also offers Low and Strobe light modes.

Compact and lightweight, the **TRIGGER** is ideal for applications requiring high performance and long running times.

- 210 | 20 lumens
- 400 metre spot beam
- Will operate for 3h+
- Compact and lightweight
- 3 light modes: High, low and strobe
- Battery charging indicator
- Easy-use trigger switch and mode selector
- **Supplied with:** Wrist strap, mains charger and vehicle charger
- **Used by:** Security Groups, Search and Rescue, Environmental Agencies and Railways
- **Applications:** Overhead line inspection, Search & Rescue



## SPECIFICATION

Light output	230   115 lumens
Light source	3x LED
Run time	7h   14h   16h
Battery	6V 4A/h
Charge time	15h
Product size (mm)	L189 x W112 x H128.5
Product weight (kg)	1
Boxed size (mm)	L240 x W136 x H130
Boxed weight (kg)	1.31
Part no.	NSTRIO   NSTRIOY



## IMPROVED PERFORMANCE, LONG RUNNING RECHARGEABLE LED HANDLAMP

With newly upgraded LEDs the NightSearcher **TRIO** now offers 3x the performance and 2 additional modes, whilst still offering long run times. Now operating at 230 lumens on full brightness, it will run for 7h. The half power setting at 115 lumens offers an unrivalled 14h. The flashing function works independently and will operate for up to 16h.

With a long range beam of up to 400m, it is ideal for patrolling, security guards, search and rescue and with robust construction, its durable enough for industrial users.

The **TRIO** also features an emergency function, enabling the torch to automatically illuminate in the event of a power cut. In addition, the Hand lamp can be left on permanent charge, without causing battery damage. Using the ABS bracket, it can be mounted on walls or vehicles.

- 230 lumens
- Beam distance 400m
- 3 Light modes: Full, half, flashing
- Runtime 7h – 16h
- Emergency function
- Can be left on permanent charge
- Battery charging indicator
- Available in dark grey OR Hi-Vis yellow

- **Supplied with:** Shoulder strap, wall bracket, mains and vehicle chargers
- **Used by:** Utility groups, Police, Railways, Agricultural sector, Automotive sector
- **Applications:** General purpose LED torch, emergency power mode for hotels







# 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

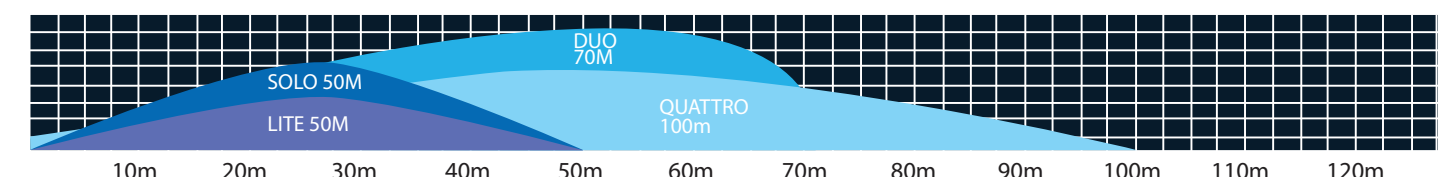
- Fully integrated rechargeable battery
- LED battery status indicator: green, amber, red
- Low battery warning: Red flashing LED
- Able to withstand extreme temperatures (–20°C to +60°C)
- Input/output sockets to allow additional 12V equipment, to run from batteries or directly from mains (16A charger 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
<b>Light output</b>	3500   2000 lumens	3500   2000 lumens
<b>Light source</b>	18x CREE LEDs	18x CREE LEDs
<b>Light modes</b>	High, Low, Flash	High, Low, Flash
<b>Beam speed</b>	30° - 120°	30° - 120°
<b>Run time</b>	6h   13h   25h	7h   14h   26h
<b>Charge time</b>	8h	7h
<b>Battery</b>	12V 17Ah SLA	14.8V 18.2Ah Li-ion
<b>Head size (mm)</b>	L300 x W58 x H248	L300 x W58 x H248
<b>Case size (mm)</b>	L250 x W180 x H140	L250 x W180 x H140
<b>Product weight (kg)</b>	9.5	5.7
<b>Boxed size</b>	L460 x W320 x H280	L460 x W320 x H280
<b>Boxed weight (kg)</b>	11.8	6.3
<b>Part no.</b>	NSSOLARISLITE	NSSOLARISLITELIION







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

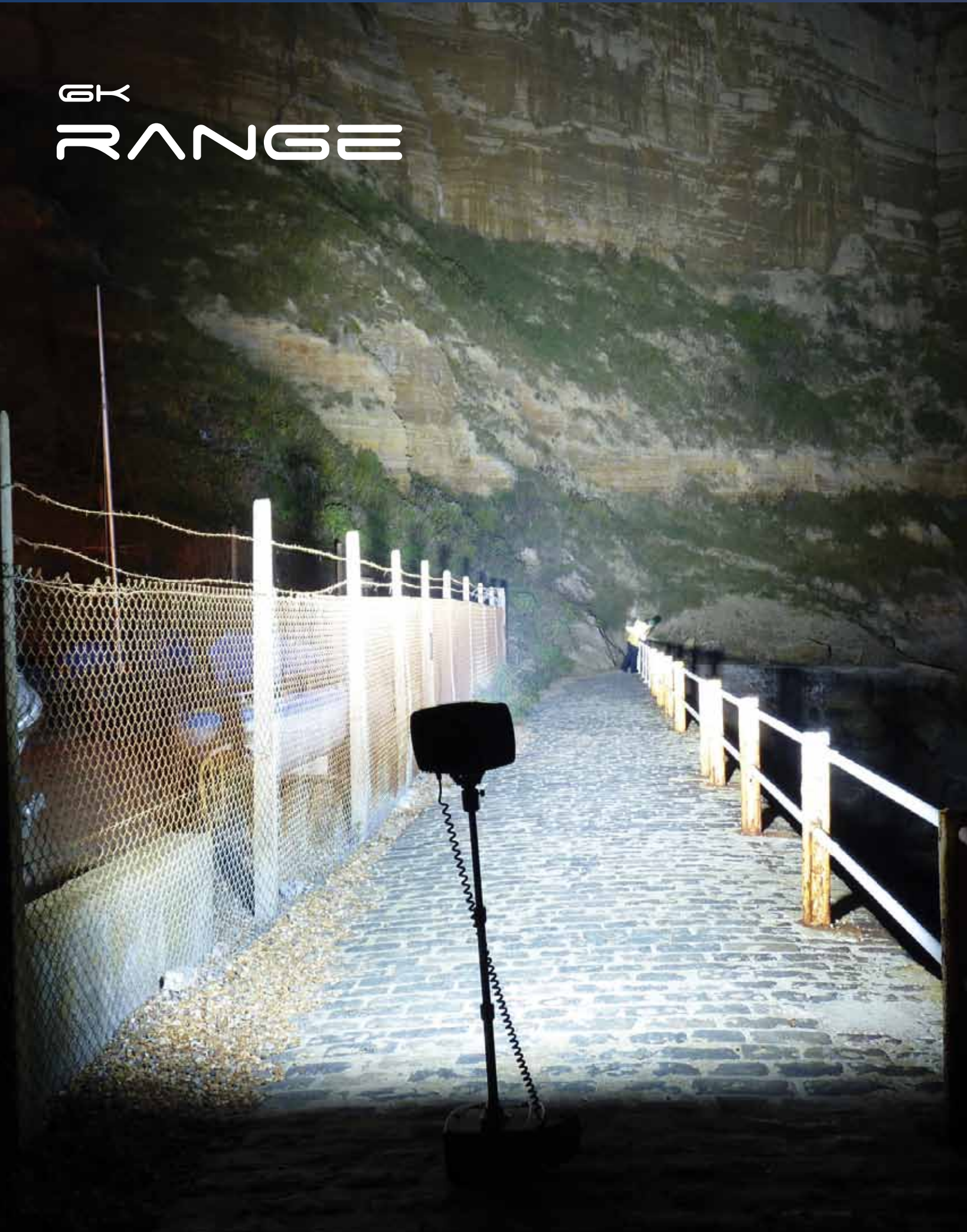


- 1 Safe operation closed lid charging
- 2 Foam inserts for protection in transportation and storage
- 3 Shock, drop and water resistant ABS plastic casing
- 4 Intelligent battery status indicator (Red, Amber, Green)

- 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.

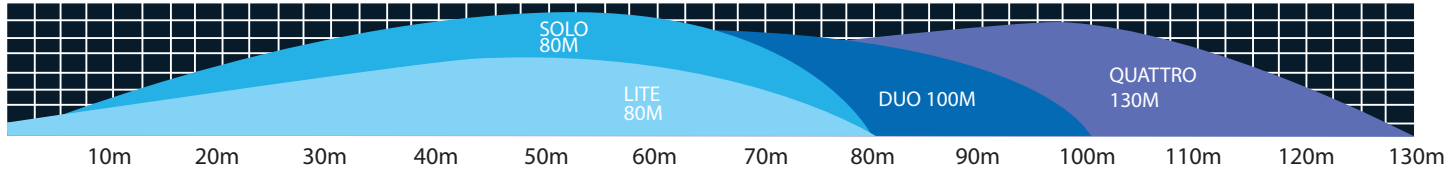
We have made it our mission to offer customers a safe, green alternative to inefficient Halogen operating off generators and the SOLARIS 6K head is truly a world first as it flood's huge areas with white, shadow free light. It can be used in conjunction with all of our power packs enabling retrospective 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.







### POWERFUL, PORTABLE, RECHARGEABLE SPORT FLOODLIGHT

The **MEGASTAR** is the most powerful floodlight in our portable fluorescent range, using 4x36W fluorescent tubes it gives alight output equivalent to 1000W tungsten light and can be switched between high and low light levels.

The lightweight aluminium tripod has double extending safety locking sections, that can be secondarily secured using the attached locking pins. The tripod locks into the powerpack utilising the weight of the powerpack to give stability to the light and tripod. Battery operated lighting can play a big part in achieving a low carbon energy future. This is a fully portable, and re-chargeable unit, helping to reduce CO2 emissions.

Quick and easy to assemble and of robust weatherproof construction. The **MEGASTAR** is suitable for emergency services, military, construction sites and sports events where temporary lighting is needed. Six to eight units will illuminate 60x40m training area.

#### HEAD

- 11600 lumens
- High and Low power options
- Tough impact resistant ABS plastic casing with polycarbonate lens
- Cool running and glare free operation

#### TRIPOD

- Robust aluminium
- Adjustable 3 section part with safety locking pins
- Extendable height from 1.5m to 3.5m

#### POWERPACK

- Battery status indicator
- Manufactured in virtually unbreakable polyethylene plastic
- Silent operation, no noise pollution

#### SUPPLIED WITH

- Lamp, Powerpack (24 or 38), Tripod and Mains chargers



#### SPECIFICATION

<b>Light output</b>	11600   5800 lumens	11600   5800 lumens
<b>Light source</b>	4 x 36W fluorescent	4 x 36W fluorescent
<b>Run time</b>	2h   4h	3h   6h
<b>Battery</b>	12V 24Ah lead acid	12V 38Ah lead acid
<b>Charge time</b>	7h	10h
<b>Product size (mm)</b>	<b>HEAD</b> L510 x W345 x D120 <b>CASE</b> L225 x W200 x D100 <b>TRIPOD</b> L1500-3500	L510 x W345 x D120 L225 x W200 x D100 L1500-3500
<b>Product weight (kg)</b>	<b>HEAD</b> 5.50 <b>CASE</b> 10.4 <b>TRIPOD</b> 4.5	5.50 15.4 4.5
<b>Boxed size (mm)</b>	<b>HEAD/CASE</b> L550 x W370 x H430 <b>TRIPOD</b> L1500 x W150 x H150	L550 x W370 x H430 L1500 x W150 x H150
<b>Boxed weight (kg)</b>	<b>HEAD/CASE</b> 21.2 <b>TRIPOD</b> 4.5	25.04 4.5
<b>Part no.</b>	NSMEGASTAR	NSMEGASTAR38



#### OPTIONAL EXTRAS

- Carry bags
- Stability ground pegs
- Multi-chargers / vehicle charger
- Double headed bracket
- 17A charger to enable use from mains while charging

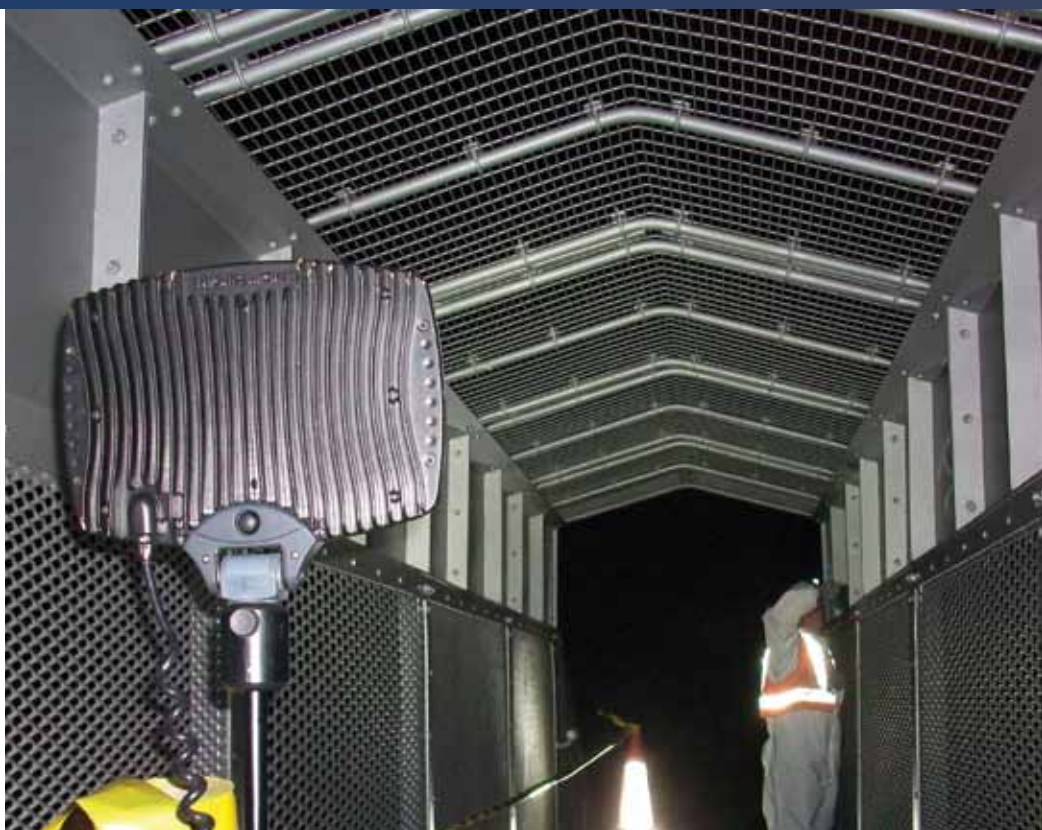
### MEGASOLARIS OPTION

The **MEGASOLARIS** unit combines the ultra powerful **SOLARIS 6K** LED head with the **MEGASTAR** kit, enabling the unit to flood huge areas with white, shadow free light. Our unique combination of high power Cree® LEDs and focused optics allow the beam to cover a larger distance and perform at 6,000 lumens (high).

The head also has 3 other settings; low (3000 lumen) for extending running times flashing for emergencies and standby for easy location in darkness.







SPECIFICATION

Light output	3500   1500 lumens
Light source	18 Cree® LED
Run time	9h (high)   16h (low)
Battery	12V 24A/h lead acid
Charge time	6h
Head size (mm)	L300 x W58 x H248
Powerpack size (mm)	L225 x W200 x H150
Product weight (kg)	12.20
Boxed size (mm)	L900 x W300 x H250
Boxed weight (kg)	16
Part no.	NSSOLARISMAXI

RECHARGEABLE LED FLOODLIGHT

An adaptation of the standard **MAXI 9000**, the **SOLARIS MAXI** is an LED alternative to the fluorescent head.

Using the same polyethylene power pack and extendable pole (max 6ft 3inches), this LED version offers increased running times (9-20h) but maintains the high light output (3500 lumens). The power pack has green, amber and red LED battery status indicators and will flash red when the battery is low and requires recharging.

- 3500 | 1500 lumens
- 4 light modes: High, low, flashing and 'find me' red LED
- Battery status indicator (green/amber/red)
- 2 input/output sockets
- **Supplied with:** Solaris head, Maxi PP, extension pole and mains charger
- **Used by:** Police, Fire and rescue and Utility groups
- **Applications:** Portable illumination for void property, outdoor events, lighting paths etc

OPTIONAL EXTRAS FOR SOLARIS MAXI RANGE

- Optional 38A/h power pack
- Car adaptor / 5m extension lead
- Stability legs
- Utility carry bag



POWERFUL, AFFORDABLE PORTABLE LED FLOODLIGHT

With 2 mode option and superior battery technology, the **WORKSTAR** is a fully portable and rechargeable unit. The pivoting head, offers a bright white floodlight beam and even spread of light. The unit offers a high light output and two light modes (100% and 50%) for extended run times.

Compact and extremely lightweight, this unit is easy to carry and both the mains and vehicle chargers can be stored inside the back of the head for storage or transportation. The robust plastic housing is water and shock resistant and suitable for use in all weather conditions.

Cool operation enables the **WORKSTAR** to be used in confined or limited spaces.

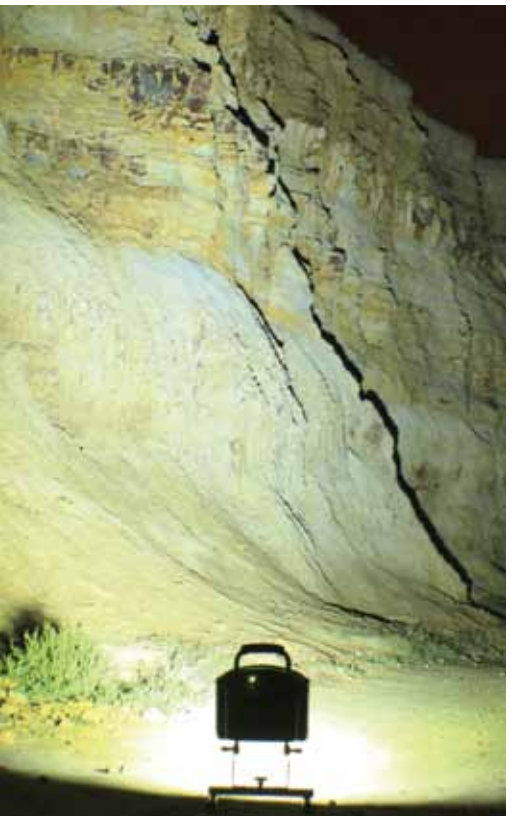
The **WORKSTAR** can be mounted on the 1.7m tripod (sold separately).

- 2200 Lumens
- Beam distance 20m
- 2 Light modes Full, Half
- Runtime up to 7h
- 110° Pivoting head
- Battery status indicator
- Charging indicator
- Chargers can be stored in the back of the head
- **Supplied with:** Mains and vehicle chargers
- **Used by:** Utility groups, Automotive, Construction groups, Electricians, Plumbers
- **Applications:** Vehicle recovery/inspection, Portable site lighting



SPECIFICATION

Light output	2200   1000 lumens
Light source	10 LED
Run time	3h high   7h low
Battery	7.4V 4500mAh Li-ion
Charge time	4h
Powerpack size (mm)	L306 x W258 x H457
Product weight (kg)	1.9
Boxed weight (kg)	2.3
Part no.	NSWORKSTAR







## HIGH POWER, LOW ENERGY LED FLOODLIGHT RANGE

The **ECOSTAR** represents a new age in High power LED floodlighting. It's now able to provide the same light output with none of the drawbacks commonly associated with halogen, providing excellent performance and a notably shadow-free illumination.

Manufactured in robust aluminium casing, these are IP65 rated (water and rust resistant) and covered by a 2 year warranty. Fitted with a universal ballast, they can operate from a 90v-240v power source. Using LED means no replacement bulbs are required, and they offer a 500% increase in output per watt when compared to incandescent lights.

With huge savings on energy bills and associated maintenance costs (LED life span (50,000h), the **ECOSTAR** range offers a cost effective, eco friendly, upgrade to halogen and halide floodlights.



### HEAD

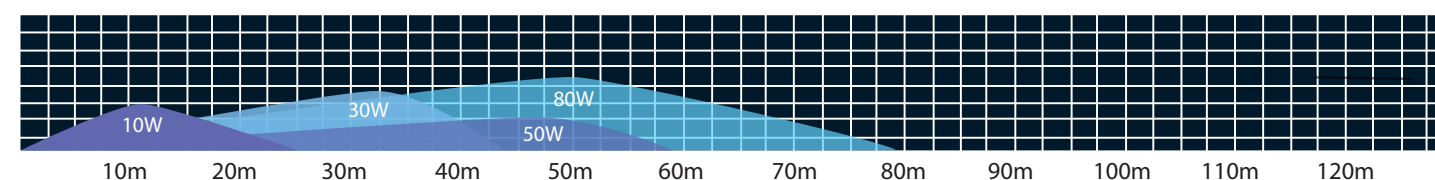
- 900—6,300 lumens
- High powered Epistar LED
- Robust Aluminium casing
- Adjustable bracket
- Can operate on power sources between 110V – 240V
- Low heat emission = with no cool down required before storage
- Compact design – Smaller than fluorescent heads
- IP65 Rating

### ENVIRONMENTALLY FRIENDLY

- Ultra low power consumption – more efficient than halogen
- Cost effective – can save over £250\* per year in energy bills compared to halogen
- No replacement bulbs (LED 50,000h life)
- Low carbon, reducing CO2 emissions
- Silent operation

### ACCESSORIES

- PIR sensor
- Linkable version
- 1.7M tripod (10/30)
- 3.5M Tripod (50/70)
- Double headed bracket (fits 3.5M tripod)
- Cable extension







HIGH POWER, LOW ENERGY LED FLOODLIGHT RANGE

110V LINKABLE OPTION

The **ECOSTAR110V** linkable is the lighting solution, for the industrial and construction market or any outdoor events. Fitted with CEE 110V plug and socket allowing multiple lights to be linked together.

Linkable versions enable convenient 'daisy-chaining' and the LED energy efficiency allows very long cable runs. NightSearcher **ECOSTARS** are powered by LEDs so offer double the illumination for the same energy consumption and are the most efficient units available anywhere providing excellent performance and a notably shadow-free illumination.

The linkable is also available with double headed bracket and 3.5M extendable tripod.



PIR OPTION

Fitted with motion sensor PIR, the **ECOSTAR** is an ideal security light. Using only 10% of the energy of a Halogen equivalent, switching to LED means a payback period in under 6 months. LEDs offer 50,000h lifetime, meaning no replacement bulbs or maintenance costs.

The PIR has a detection distance of up to 12m and an 180° angle with time & sensitivity adjustment. The adjustable bracket allows for various light positioning.

Part No.  
NSECOSTAR10PIR  
NSECOSTAR30PIR  
NSECOSTAR50PIR



SPECIFICATION

	10W	30W	50W	70W
Light output	900 lumens	2700 lumens	4500 lumens	6300 lumens
Light source	10w LED	30W LED	50W	70W LED
Beam angle	120°	120°	120°	120°
Working voltage	90V – 240V	90V – 240V	90V – 240V	90V – 240V
Product size (mm)	115 x 85 x 85	225 x 185 x 125	290 x 240	360 x 285
Product weight (kg)	0.55	2.2	4.5	6.5
Boxed size	150 x 105 x 45	250 x 115 x 215	295 x 165 x 245	430 x 310 x 140
Boxed weight (kg)	0.55	2.5	4.5	6.5
Part no.	NSECO-STAR10	NSECO-STAR30	NSECO-STAR50	NSECO-STAR70







#### SPECIFICATION

Light source	Coloured LED
Run time	5h   60h
Battery	3.7V Li-ion
Charge time	6 Pulsar: 12-14h 1-3 Pulsar: 2-6h
Product size (mm)	Pod: L180 x W108 x H35 Kit: L444 x W368 x H64
Product weight (kg)	Pod: 0.19 Kit: 3
Part no.	NSPULSAR Y/B/R/G/IR NSPULSAR1 Y/B/R/G/IR

#### EMERGENCY RECHARGEABLE LED HAZARD LIGHTS

The **PULSAR** are multi-mode, rechargeable LED warning lights; designed for traffic control, signalling, hazard awareness and vehicle safety. Ideal for professional applications, including the Police, Fire and Highway Services.

These small but robust units are manufactured in shock resistant plastic housing, are waterproof (up to 10 metres) and virtually indestructible (withstanding most vehicle weights if crushed). Incorporated magnets allow attachment to vehicles or any metal surfaces.

Ingeniously designed, the **PULSARS** are charged within their case, via the integral metal sensors, using either a mains or vehicle power source. The LED charging indicator gives you a sign of the battery status.



Set of six



#### RUNNING TIMES

OPERATION MODE	RUN TIME (per pulsar)
1 - Rotate	9h
2 - Quad Flash	9h
3 - Single Blink	60h
4 - Alternating Blinks	9h
5 - SOS Rescue	14h
6 - Steady On : High	5h
7 - Steady On : Low	35h
8 - 2 LED Flashlight	9h
9 - 4 LED Flashlight	6h

- Rechargeable LED hazard warning lights
- Available in; AMBER, BLUE, GREEN, RED or INFRARED (IR wavelength 840nm)
- 9 modes including: flashing, rotating and SOS
- 16 Coloured LEDs offering 360° illumination and signalling
- Operating for 5 - 60 hours per charge
- Shock resistant housing, able to withstand most vehicle weights
- Waterproof pods can be submerged to a depth of 10m
- Essential safety equipment for all emergency vehicles
- Alternative to conventional Hi-Vis triangles
- Installed with a strong magnetic base
- Charged directly in the storage case
- Supplied with:** (The Pulsar kit) x6 units, mains and vehicle chargers  
(The Pulsar single) x1 unit, mains and vehicle chargers
- Used by:** Search and Rescue, Police and Railways
- Applications:** Hazard warning for road accidents, perimeter marking, lighting path/directions, marking night possessions on track, highway markers



Single





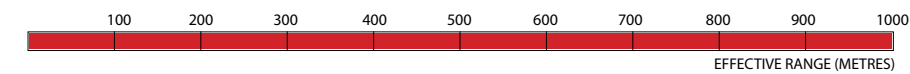
# LED FLASH LIGHT RANGE

INNOVATIVE, HIGH PERFORMANCE LED FLASHLIGHT RANGE

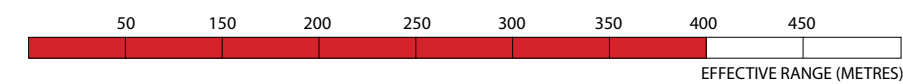


**CREE**  
LEDs

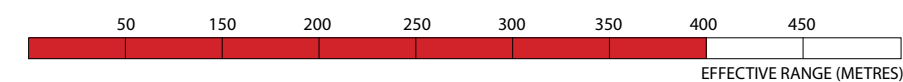
## MAGNUM



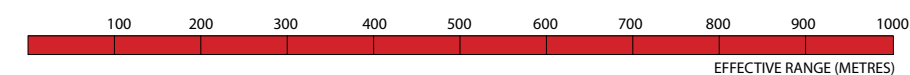
## VOYAGER XPG



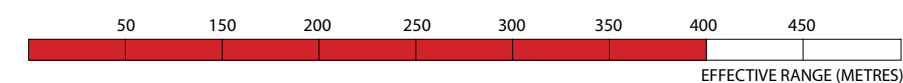
## EXPLORER XPG



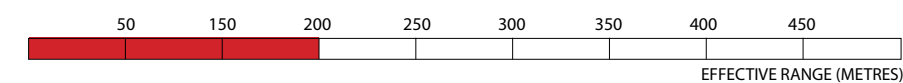
## COMMANDER XM-L



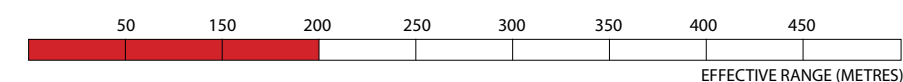
## TRACKER



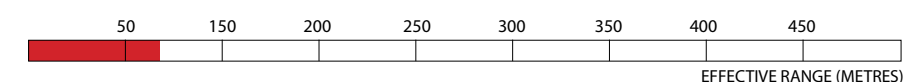
## ZOOM



## PIONEER



## 2IN1LED



### LED (LIGHT EMITTING DIODES)

Our latest range of LED Flashlights use the incredibly powerful Cree® LEDs. LEDs present many advantages over incandescent light sources including lower energy consumption, longer lifetime, improved robustness, smaller size, faster switching, and greater durability and reliability.

### LED BENEFITS

- Unbreakable chip
- 50,000h hour life
- Brighter and whiter beam
- Low battery drain
- Variety of modes and functions
- Environmentally friendly







#### SPECIFICATION

Light output	1080 lumens
Light source	Cree® XP-G LED
Run time	1h20   7h30
Battery	6V 3.5Ah Ni-MH
Charge time	8h
Product size (mm)	L312 x Dia. 90
Product weight (kg)	1.14
Boxed size (mm)	L375 x W215 x H105
Boxed weight (kg)	1.14
Part no.	NSMAGNUM

#### HIGH POWER, LONG DISTANCE RECHARGEABLE FLASHLIGHT

The NightSearcher **MAGNUM** has an incredible 1080 lumen light output and a 1000 metre beam. Using 6 ultra high powered LED Cree® LEDs, it offers 4 varied mode options; 1 LED, 3 LED, 6 LED and strobe function.

Ideal for police and security applications, this unit has a rechargeable Ni-MH battery that will run continuously for 1.2 – 7.5 hours (dependent on mode setting) and will recharge in just 8 hours.

Machined from high grade aluminium, anodized inside and out for corrosion protection, the **MAGNUM LED** searchlight is shock and water-resistant, suitable for all weather conditions.

- Cree® XR-E LED
- 4 light modes: 1 LED, 3 LED, 6 LED and Strobe
- Run time: 1h20 – 7h30
- Push button switch – quick mode transitions
- Durable aluminium casing
- Shock and water resistant
- 1000m beam distance
- Powered by rechargeable Ni-MH battery
- Heavy duty
- **Supplied with:** Detachable shoulder strap and mains charger



#### HIGH INTENSITY 6 MODE RECHARGEABLE FLASHLIGHT

Utilising the latest in LED technology, the **COMMANDER** with a newly upgraded XP-L LED, now offers 1000 lumens. With 3 mile visibility, it has an incredible light output for a lightweight and compact LED Flashlight / Searchlight.

The **COMMANDER** will operate for up to 120h, and has several functions including “strobe” mode used by the emergency services to disorientate intruders and criminals and “SOS” mode for urgent situations.

The battery charging cradle can charge two 18650 batteries simultaneously, and has an LED charging indicator.

- 1000 lumens
- Cree® XM-L LED lasting 50,000h+
- 6 light modes: High, Medium, Low, Flashing, Strobe and SOS (international signal for help)
- Run time: 1.6h – 120h
- Push-button tail cap switch
- Shock and water resistant
- Compact and lightweight
- 1000m beam distance
- Powered by a rechargeable Lithium ion battery
- Made from durable high-grade aluminium
- **Supplied with:** Wrist strap, x2 batteries, mains and vehicle chargers



#### SPECIFICATION

Light output	1000 lumens
Light source	Cree® XM-L LED
Run time	1.6h   120h
Battery	18650 Lithium
Charge time	4h   7.5h
Product size (mm)	L150 x Dia.40
Product weight (kg)	0.200
Boxed size (mm)	L183 x W157 x H86
Boxed weight (kg)	0.615
Part no.	NSCOMMANDERXML

#### OPTIONAL EXTRAS FOR COMMANDER

- Belt holster
- Gun mounting bracket







## SPECIFICATION

Light output	300 lumens
Light source	Cree® XP-G LED
Burn time	9h (high)   16h (low)
Battery	3.7V2200mA/h Li-ion
Charge time	6h
Product size (mm)	L177 x Dia.49
Product weight (kg)	0.247
Boxed size (mm)	L190 x W130 x H80
Boxed weight (kg)	0.5
Part no.	NSEXPLORERXPG

## OPTIONAL EXTRAS FOR EXPLORER AND VOYAGER

- Vehicle charger
- Belt Holster
- Signalling cone
- Tail cap switch (Explorer only)
- Gun mounting bracket (Explorer only)



## SPECIFICATION

Light output	300 lumens
Light source	Cree® XP-G LED
Burn time	2h30   55h
Battery	3.7V2200mA/h Li-ion
Charge time	6h
Product size (mm)	L176.5 x Dia.57
Product weight (kg)	0.267
Boxed size (mm)	L190 x W145 x H85
Boxed weight (kg)	0.750
Part no.	NSVOYAGERXPG



## EXPLORER<sup>XP-G</sup>

With a newly upgraded XP-G LED the NightSearcher **EXPLORER** now offers double the light output at 300 lumens and 5 light modes, 100% 10% intensity, dimmable (100%-5%), strobe and SOS.

The **EXPLORER** is one of the most powerful flashlights available on the market. With the high performance LED, precision lens and reflector, it produces an amazingly powerful beam, and will operate for 2.5+ hours per charge. The high spec aluminium housing is water and shock resistant and offers corrosion protection.

- 300 lumens
- Upgraded Cree® XLAMP® XP-G LED
- 5 Light modes: 100%, 10%, Dimmable, Strobe and SOS
- Run time: 2h30 (100%) 60h (10%)
- Rechargeable Lithium-ion battery
- Shatterproof polycarbonate lens
- Water and shock resistant
- Compact and lightweight
- Rear tail-cap switch

- Supplied with:** Mains charger



## VOYAGER<sup>XP-G</sup>

With a newly upgraded Cree® XP-G LED, the **VOYAGERXP-G** now offers double the light output at 300 lumens\* and includes 5 light modes, 100%, 10% intensity, dimmable (100%-5%), strobe and SOS.

Utilising the latest LED technology, this high performance flashlight emits an impressive bright white beam, operating for 2.5h (100%) 55h (10% intensity).

The innovative wall mounted charger has an emergency function which will illuminate in the event of a power-cut. \*previously 150 lumen

- 300 lumens
- Emergency function wall charging bracket
- Upgraded Cree® XLAMP® XP-G LED
- 5 light Modes: 100%, 10%, dimmable, strobe and SOS
- Run time: 2h30 (100%) 55h (10%)
- Rechargeable Lithium-ion battery
- Waterproof, shock resistant and shatterproof lens
- O-ring sealed for dust and moisture protection
- Slip-proof precision machined aluminium case

- Supplied with:** Wall mount and mains charger



## ZOOM

This high powered, compact LED flashlight offers 150 lumens and 2 mode settings (High/Low). Powered by x3 AAA batteries (included) it will operate for up to 65 hours.

With the simple push the **ZOOM** can be adjusted from a long distance spot to a local wide flood beam, making the **ZOOM** the ideal flashlight for use in confined or limited spaces.

- 150 | 15 lumens
- 2 Light modes: High (100%) and low (30%)
- Adjustable spot-to-flood zoom beam
- Powered by 3x AAA batteries
- Manufactured in high grade aluminium
- Water & shock resistant
- Rear tactical tailcap switch
- Compact and lightweight

- Supplied with:** Wrist strap & 3x AAA Batteries



## PIONEER

The **PIONEER** is the smallest flashlight in the NightSearcher range, operating on a single AA battery (included), and measuring just under 10cm in length. Making it the ideal pocket torch.

Using a high powered CREE® LED, the **PIONEER** offers an impressive 170 lumens and 6 light functions including "strobe" for disorientating intruders and criminals and "SOS" mode for urgent situations.

This flashlight will operate for 2h30+ on high, and has extending running times on medium (60 lumens) and low (30 lumens).

- 170 lumens
- 6 light modes: High 150, Med 60, Low 30 lumens, flashing SOS and Strobe
- 200m beam distance
- Run time: 2h30+
- Powered by x1 AA battery
- High grade aluminium case and polycarbonate lens
- Water & shock resistant
- Rear tactical tail-cap switch
- Compact and lightweight

- Supplied with:** Wrist strap and 1x AA battery



## SPECIFICATION

Light output	150   15 lumens
Light source	Cree® LED
Battery	3x AAA
Product size (mm)	L112 (ex.126) x Dia.33
Product weight (kg)	0.121
Boxed size (mm)	L150 x W85 x H48
Boxed weight (kg)	0.150
Part no.	NSZOOM



## SPECIFICATION

Light output	170 lumens
Light source	Cree® LED
Burn time	2h30+
Battery	1 xAA
Product size (mm)	L0.98 x Dia.22
Product weight (kg)	0.045
Boxed size (mm)	L150 x W130 x H42
Boxed weight (kg)	0.185
Part no.	NSPIONEER





## 2IN1 LED

With a unique design, the **2IN1LED** is the most functional flashlight of the range. Offering a right angled flashlight or, fitted to the head torch bracket for hands free illumination. Using a Cree LED it offers 85 lumens at full power and 10 lumens on low power. It also features flashing and SOS modes signalling or emergencies.

Operating on a single AA battery, it will operate for 1h – 23h. The aluminium body is robust and has an integrated clip on attachment.

- 85 lumens
- Beam distance 70m (high) 24m (low)
- 4 Light modes: High, Low, Flashing, SOS
- Runtime 1h – 23h
- 90° angled light
- Integrated clip on attachment
- Supplied with:** Flashlight, headtorch bracket, headstrap and battery



## TRACKER RECHARGEABLE

Bridging the gap between the **PIONEER** and **EXPLORER**, the **TRACKER** is our latest edition to the LED flashlight range. At under 15cm in length it's also the smallest rechargeable option available. Using an advanced Q4 LED, this compact flashlight offers a high powered, long distance beam and output of 180 lumens on high power and 70 lumens on low, operating for up to 20h – ideal for close up applications and extending running times. Powered by a rechargeable Li-ion battery, with quick recharge (6h) and low maintenance, the Tracker is a superb pocket torch, suitable for various applications including security.

- 180 | 70 lumens
- Cree® XR-E Q4 LED
- 3 light modes: High, Low and Flashing
- Run time: 4h high and 20h low
- Rechargeable 18650 Li-ion battery
- Tail end switch
- Aircraft grade aluminium casing
- Supplied with:** Wrist strap, mains and vehicle charger



## UV395

This compact and lightweight flashlight utilises the latest in **UV** technology. With a 1W powerful LED emitting an Ultra-violet beam. This product is designed specifically for Forensic applications and crime investigation. Manufactured in durable aluminum casing, it is water and shock resistant.

- Wavelength 390–395nm
- 1w UV LED
- Runtime: 3h30+
- Powered by 1x CR123A battery
- Forensic applications
- Tail-end tactical switch
- Water and shock resistant
- Durable aluminium casing
- Supplied with:** Flashlight only



## UV365 RECHARGEABLE

This compact and lightweight flashlight utilises the latest in **UV** technology. With a 5W powerful LED emitting an Ultra-violet beam, covering up to 35 metres. This product is designed specifically for Forensic applications and crime investigation.

Manufactured in durable aluminum casing, it is water and shock resistant. This product comes complete with two rechargeable batteries, mains and vehicle charger.

- Wavelength 365nm
- 5W UV LED – Class 1M Laser
- 35m beam, without dark spots or rings
- Rechargeable 18650 Lithium battery
- Tail-cap tactical switch
- Designed for Forensic applications, Fibre and body fluid search
- Durable aluminium casing
- Water and shock resistant
- Supplied with:** 2 batteries, mains and vehicle chargers



### SPECIFICATION

Wavelength	395nm
Light source	1w UV LED
Burn time	3h30+
Battery	1x CR123A
Product size (mm)	L132 x Dia.33.5
Product weight (kg)	0.144 (inc bat)
Boxed size (mm)	L160 x W37 x H37
Boxed weight (kg)	0.123
Part no.	NSUVLED395



### SPECIFICATION

Wavelength	365nm
Light source	5w UV LED
Burn time	4h
Battery	18650 Li-ion
Charge time	4h
Product size (mm)	L153 x Dia. 40
Product weight (kg)	0.614
Boxed size (mm)	L183 x W157 x H86
Boxed weight (kg)	0.614
Part no.	NSUVLED365

### SPECIFICATION

Light output	85   10 lumens
Light source	Cree® LED
Run time	1h   20h   4h   23h
Battery	1x AA
Product size (mm)	L95 x Dia22
Product weight (kg)	0.62
Boxed size (mm)	W135 x H180
Boxed weight (kg)	0.72
Part no.	NS2IN1LED



### SPECIFICATION

Light output	180   70 lumens
Light source	Cree® XP-G LED
Run time	4h   20h
Battery	18650 Lithium
Charge time	6h
Product size (mm)	L132.5 x Dia. 23
Product weight (kg)	0.122
Boxed size (mm)	L210 x W135 x H47
Boxed weight (kg)	0.421
Part no.	NSTRACKER





HIGH PERFORMANCE LED HEADTORCH RANGE

Introducing the latest additions to the NightSearcher **LED HEADTORCH** range, the **HT290** and **HT200** are professional products with high performance and ultra robust design. Using the latest in LED technology (Cree XP-G) LED, and a highly efficient large reflector, this unit offers optimum light output over a long distance, covering up to 260m.

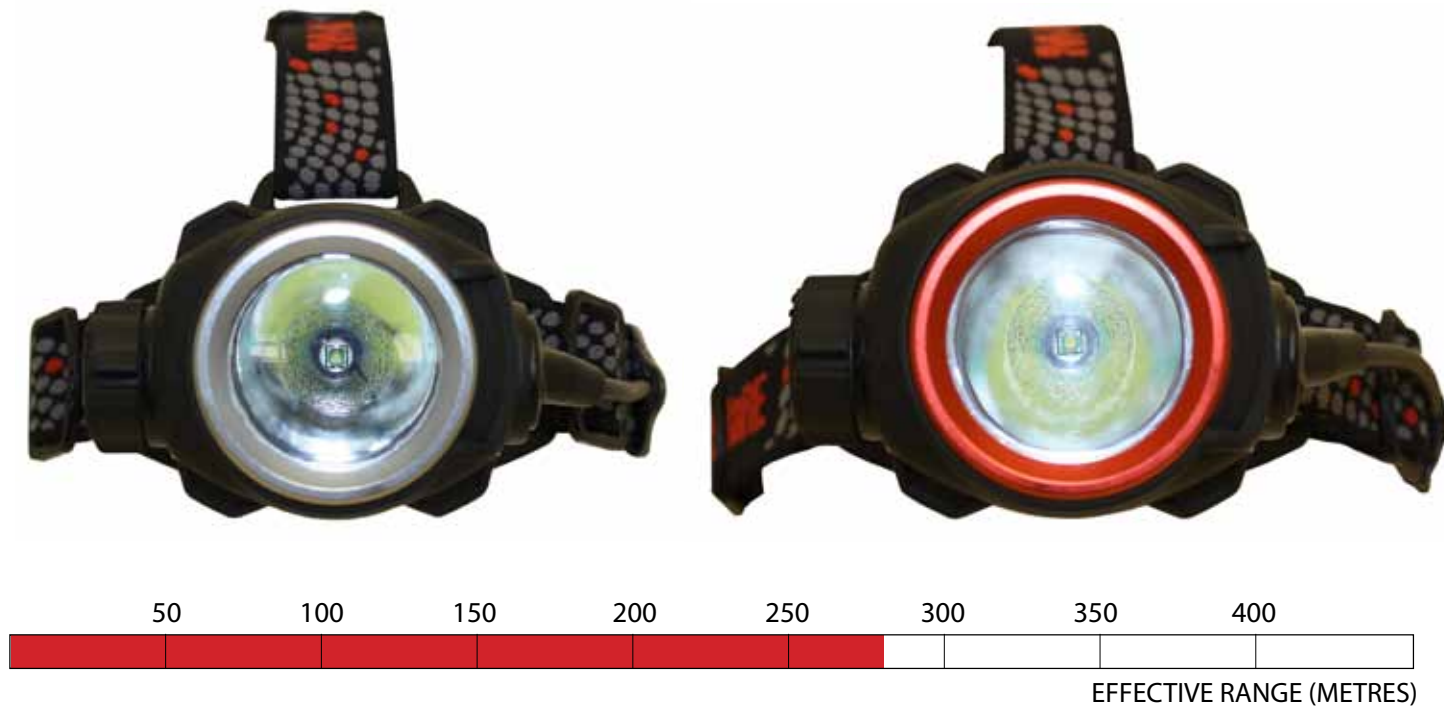
Featuring a multimode switch, set to the side, offering rapid one handed mode change (even with gloves) between the 4 light options (high, med, low, SOS).

The adjustable, elasticated head strap features High-Vis reflective strips for additional visibility and the rear battery pack offers a red safety LED, which can be set to static or flashing, for added safety. The lightweight battery packs are also supplied with a high quality, professional pouch, which can be mounted onto belts and bikes.

The **HT290** option is also compatible with larger battery belt packs which are suitable for when longer running times are required.



- 260 metre beam
- 90° Adjustable light head
- 4 modes: High, low, med, flashing
- Rear safety LED—Static or flashing
- Hi-Vis reflective safety strips
- Adjustable, removable head strap
- **HT200 Supplied with:** Battery pouch, extension cord, helmet clips, batteries
- **HT290 Supplied with:** Battery pouch, extension cord, helmet clips, batteries and mains charger
- **Used by:** Utilities, Police, Search & Rescue and Railways
- **Applications:** Maintenance, Overhead line inspection, Track/tunnel inspection, Security patrol



The **HT290** option is supplied with high capacity rechargeable Ni-Mh batteries which offers 3h30–23h runtime, it is also compatible with larger battery belt packs which are suitable for when longer running times are required.



SPECIFICATION

Light output	200 lumens	290 lumens
	50, 20, 20 lumens	85, 55, 55 lumens
Light source	XP-G Cree LED	XP-G Cree LED
Light modes	High, Low, Med, Strobe	High, Low, Med, Strobe
Run time	8h   14h   80h   80h	3h30   15h   20h   23h
Battery	4x AA	4.8V 2200mAh Ni-mh
Charge time		6h
Product size (mm)	HEAD 96 x 67 x 78	96 x 67 x 78
	BATT 31 x 76 x 42	31 x 76 x 42
Product weight (kg)	0.334	0.352
Boxed size (mm)	W150 X H210 X D105	W105 x H85 x D102
Boxed weight (kg)		
Part no.	NSHT200	NSHT290







## HT220

The **HT220** offers a light output of 220 lumens, producing a clear bright floodlight beam, covering 200m+. With a 4 mode multi-function switch, the user can select or adjust the brightness level according to their requirements, including long distance applications or close up inspections. The switch is set to the side of the head for ease of operation, even with gloves.

Using the latest in lithium-ion battery technology, the **HT220** is supplied as standard with a 2.2A/h battery pack, fitted on the back of the head strap, offering a runtime of 2h on high and 12h on low.

Larger battery packs are available to cover short or long night shifts, so once the 2.2 battery is flat you can plug into the BP28 or BP48 for additional runtimes. The Lithium ion batteries are incredibly lightweight, require no battery management and can be left in a discharged state without issue.

- 220 lumens
- 200 metre beam
- 3 Light modes; High, Low, Flashing
- Adjustable dimmer switch
- IP65 rated
- Manufactured from high grade aluminium
- **Supplied with:** Mains charger

SPECIFICATION			
Light output	220 lumens	220 lumens	220 lumens
Light source	Cree® Q5 LED	Cree® Q5 LED	Cree® Q5 LED
Light modes	High/low/ flashing	High/low/ flashing	High/low/ flashing
Run time	2.2h   12h	4h30   24h	9h   48h
Battery	2.2Ah Li-ion	4.4Ah Li-ion	8.8Ah Li-ion
Charge time	6h	10h	20h
Head size (mm)	L34xDia.30	L34xDia.30	L34xDia.30
Product weight (kg)	0.220	0.334	0.440
Case size (mm)	L95 x Dia.19	L77 x W45 x H24	L79 x W49 x H45
Boxed size (mm)	L230 x W180 x H60	L230 x W180 x H60	L230 x W180 x H60
Boxed weight (kg)	0.580	0.694	0.800
Part no.	NSHT220	NSHT220-28	NSHT220-48

### OPTIONAL EXTRAS

- Battery belt pack BP28
- Battery belt pack BP48
- Helmet clips



## HT080

Powered by a single AA battery (included), this compact and lightweight economic head-torch is designed for use in confined spaces, giving optimal light output. The **HT080** comes with a 1W white LED for long range illumination and 3 coloured (red, green and blue) LEDs for battery saving illumination. The swivel optical diffuser provides the option for a wider beam pattern.

- 80 lumens | 5 lumens (R/G/B)
- 4 light modes: 1W white LED / red, green and blue LEDs
- Operates for: 2h (white) / 20h (R/G/B)
- Powered by 1 AA alkaline battery
- Flip-on diffuser for proximity and wide beam pattern
- Flexible elasticated head strap
- Adjustable head to 180°
- Compact and lightweight

- **Supplied with:** Batteries



### SPECIFICATION

Light output	80   5 lumens
Light source	Rebel LED / R,G,B LED
Run time	2h   20h
Battery	1x AA
Product weight (kg)	0.075
Boxed size (mm)	L250 x W150 x H50
Boxed weight (kg)	0.123
Part no.	NSHT080

## BIKESTAR

The LED **BIKESTAR** is one of the brightest bike lights available on the marketing, producing an amazing 1000 lumens. Using high performance Cree LED, combined with an optimal focus reflector, ensures a brighter, longer distance beam. The rear ON/OFF switch houses a green/red LED indicating battery status.

Ultra compact and lightweight, the casing is manufactured in top grade aluminium making it shock, drop and water resistant. With x4 rechargeable Li-ion batteries, the **BIKESTAR** will offer 6h runtime per charge.

The **BIKESTAR** can also be converted into a headtorch using the headstrap accessory.

- 1000 lumens
- Beam distance 500m
- 3 Light modes: Full, Half, Flashing
- Runtime 6h
- Illuminated tail-cap switch
- Optimal focus alloy reflector
- High grade aluminium housing
- Battery status indicator
- **Supplied with:** Lamp, battery pack, headstrap and mains charger



### SPECIFICATION

Light output	1000 lumens
Light source	Cree XML-LED
Run time	6h
Battery	4x 18650 Li-ion
Charge time	8h
Product size (mm)	L48 x Dia.37
Product weight (kg)	0.300
Part no.	NSBIKESTAR





#### SPECIFICATION

Light output	120 lumens
Light source	CREE® XR-E Q5 LED
Run time	2h
Battery	2x CR123A
Product size (mm)	L130 x Dia.26
Product weight (kg)	0.120
Boxed size (mm)	L187 x W140 x H48
Boxed weight (g)	0.40
Part no.	NSTACTICAL
Nato code	6230-99-562-7196



## TACTICAL TORCH

This **TACTICAL** flashlight utilises the latest technology in CREE® LED, giving a light output of 120 lumens. With precision-machined aerospace grade aluminium casing and polycarbonate lens, this robust flashlight is shock and water-resistant. It uses a precision reflector to create a smooth beam without spots or rings.

The case is manufactured for non-slip and comfort design. Supplied complete with two switches; a pressure/push button/ momentary and a tail end constant ON/OFF; mounting bracket and batteries.

- 120 lumens
- CREE® XR-E Q5 LED
- 2 Switch options: pressure or tail-cap
- Weatherproof and shock resistant
- Machined aluminium casing

■ **Supplied with:** Batteries, tail end switch, pressure switch & bracket



## PISTOL TORCH

Compact, lightweight and robust, the **PISTOL TORCH** offers an impressive 100 lumens, and a continuous run time of 2 hours, operating on a single CR123 battery.

The complete kit offers mounting bracket; specially designed to fit small pistols, 2 switches; Tail-Cap switch for constant ON/OFF and pressure switch for momentarily illumination, belt pouch and battery.

The LED **PISTOL TORCH** is an ideal lighting solution for the MoD and shooting.

- 100 lumens
- 2 hours runtime
- CREE® XLAMP® XR-C LED
- Dual mode tail switch with momentary or constant-on function
- Aluminium case with knurled design
- Lamp life of up to 100,000 hours

■ **Supplied with:** Battery, tail end switch, pressure switch and nylon pouch



#### SPECIFICATION

Light output	100 lumens
Light source	CREE® XR-C LED
Run time	2h
Battery	1x CR123A
Product size (mm)	L100 x Dia.25
Product weight (kg)	0.096
Bracket size	L52 x Dia.25
Boxed size (mm)	L187 x W140 x H48
Boxed weight (g)	0.356
Part no.	NSPISTOL
Nato code	6230-99-925-0847



## EX<sup>60</sup>

Non-Rechargeable Safety Approved LED Flashlight.

- ATEX Rating: Zone 0 EX II 1G Ex ia IIC T4 iaD T135C
- UL: Class I DIV I GRP ABC, Class II DIV GRP EFG, Class III, TEMP CODE: T4
- 60 lumens
- 130m beam distance
- Osram golden dragon LED
- Powered by x4 AA Batteries
- Aluminium heat sink enhancing LED efficiency
- Waterproof up to 3m (IP68)
- Robust durable casing and impact resistant lens
- Push button tail end switch
- Non-slip rubber grip handle

■ **Supplied with:** Wrist strap & 3x AAA Batteries

■ **Optional mounting brackets available:** B, C, D or E

#### CERTIFICATION & STANDARDS

UL	CLASS I DIV IGRP ABCD CLASS II DIV I GRP EFG CLASS III TEMP CODE: T4
ATEX	II 1 G Ex ia IIC T4
IECEx	Ex ia IIC T4 Ga
CE	Approved
ROHS	Approved

DF1013



#### SPECIFICATION

Light output	60 lumens
Light source	LED
Run time	14h
Battery	x4 AA
Product size (mm)	L260 x W150 x H180
Product weight (kg)	0.191
Boxed size (mm)	210 x 90 x 60
Boxed weight (kg)	0.3.5
Safety rating	Zone 0
IP rating	IP68 3M
Part No.	NSEX60



## COMING SOON SOLARIS<sup>ATEX</sup>

NightSearcher will be launching a newly designed and safety approved **SOLARIS ATEX** range.

This LED Floodlight incorporates the same high performance as the current range, but is adapted for specialist use in hazardous areas.





# NIGHTSEARCHER TIME LINE



**1989**  
NightSearcher was founded and established by Colin Howard. The company begin designing and manufacturing special purpose lighting solutions. Company based in Havant, Hampshire.

**NS750 introduced**



**1996**  
NightSearcher relocate to larger premises in Westbourne, Hampshire.



**2001**  
**ENDURANCE introduced**



**2006 - MAXI9000 introduced**



**2008**  
In its commitment to be an environmentally conscious company, NightSearcher introduce a range of key LED products **TRIO** and **SOLARIS** range.



**2012**  
**SOLARIS ATEX**

NightSearcher revamp website, catalogue and logo.

Company expansion. NightSearcher introduce a central European office.



**1990**  
**TWIN EMERGENCY LIGHTING SYSTEM introduced**  
This marks NightSearchers first step into the portable floodlight market, offering a all new floodlight and case system.



**1999**  
NightSearcher launches its first company website.

**PANTHER introduced.**



**2003**  
NightSearcher relocate to larger premises based in Emsworth, Hampshire.

**STARLITE 12 introduced**



**2007**  
NightSearcher relocate to larger premises, offering additional warehouse and production space. Now based in Farlington, Hampshire.

**MEGASTAR floodlight introduced**



**2010**  
NightSearcher develop new efficient heads for the **SOLARIS** range.

Link-up registered.

New website launch.

LED versions of the **PANTHER**, **NS750** introduced





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