

 **NightSearcher**  
Trusted worldwide since 1989

**INTRINSICALLY SAFE  
LIGHTING RANGE**



**RoHS**



**SAFE • PORTABLE • RECHARGEABLE • AC MAINS**





# NightSearcher

Trusted worldwide

We are now in our 28th year designing and manufacturing portable rechargeable lighting systems. Our main objective is to offer high quality, reliable, innovative products utilising constantly evolving technologies.

Nightsearcher have been trusted to illuminate the most hazardous and hostile working environments. The ATEX mark signifies that equipment is suitable for use in hazardous environments with a potentially explosive atmosphere, so you can be assured that the products you buy from us are completely safe and have undergone rigorous testing and carry the necessary ATEX certification and labelling.

*Colin Howard* Managing Director



UKAS registered certification to ISO 9001:2008.



NightSearcher began manufacturing lighting systems in 1989 and have continued producing these from our UK head office in Portsmouth, UK



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



Supplier Number: 713731

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## SAFETY STANDARDS



RoHS



# ATEX FLOODLIGHTS



- **POWERFUL**
- **LIGHTWEIGHT**
- **COMPACT**
- **10 HOURS RUNTIME**
- **IDEAL FOR CONFINED SPACES**



Optional Floodlight Stand



Carry handle for easy transportation



Magnetic Feet

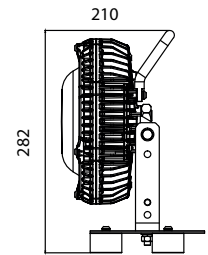
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**Key features:**

- Intrinsically safe LED floodlights for use in Zone 1 • 2 • 21 • 22 hazardous areas
- Explosion proof
- High powered SEOUL LED, 10W
- Charging time: 7hrs
- Running time: 10hrs
- Battery: 6.6Ah Lithium-ion
- Design to meet IP66, IK08
- Easy to use, maintenance free
- **Applications - Aircraft Maintenance, Sewers, Tank cleaning, Petrochemical**

**ATEX Certification:**  
NSEX1000R II 2 G D Ex d IIC T6 Gb | II 2 G Ex tb IIIC T80°C Db



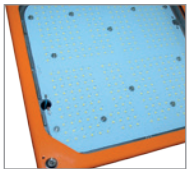
**PRODUCT CODE**  
NSEX1000R

**5.31**  
**KG**

- **EXPLOSION PROOF**
- **LONG RANGE FLOODLIGHT**
- **ROBUST CONSTRUCTION**
- **43M BEAM RANGE**
- **SHOCK + VIBRATION RESISTANCE**



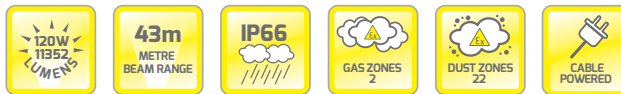
Optional brackets available



High Powered OSRAM LED



Optional 0-360° Adjustable Brackets Available

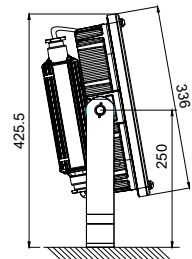


RoHS  

**Key features:**

- Intrinsically safe LED floodlight for use in ATEX Zone 2 & 22 hazardous areas.
- Explosion proof
- High strength Aluminium housing
- Carry handle for easy transportation
- Ultra bright high power OSRAM LED light output, 120W
- AC 100-277V, 50/60HZ
- Easy to use, maintenance free
- Shock and vibration resistant tempered glass
- **Applications - Gas Stations, Manufacturing Plants, Sewage Plants, Garages**

 **ATEX Certification:**  
II 3 G Ex nR IIC T5 or T6 Gc | II 3 G Ex tc IIIC T95°C or T85°C Dc



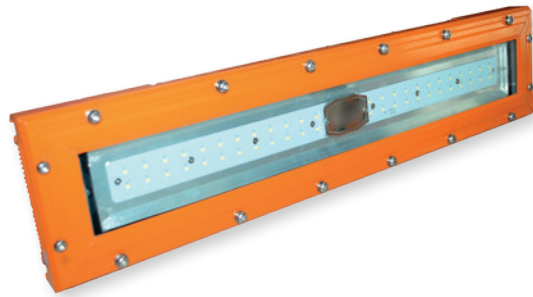
**PRODUCT CODE**  
NSEXFLOOD120

  
10.4 KG



EXTINTOR  
↓

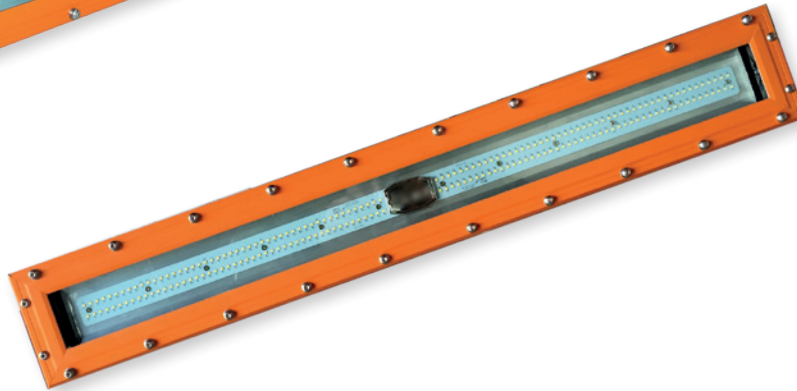
PLANTA  
CONCENTRADOR



600mm 36W  
36W/5W (Emergency)



Available with Integrated  
3 hour Emergency Operation  
from integral battery pack



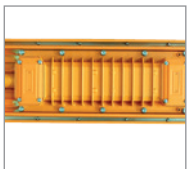
900mm 56W  
56W/5W (Emergency)



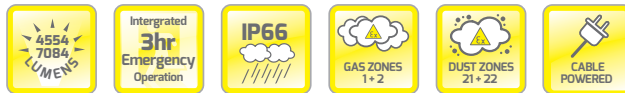
Optional brackets  
available



High Powered  
SEOUL LED



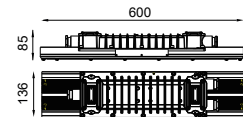
Copper-Free  
Aluminium  
enclosure



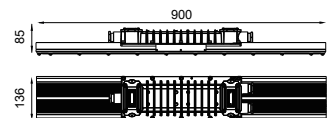
**Key features:**

- Intrinsically safe LED floodlights for use in Zone 1 • 2 • 21 • 22 hazardous areas
- Explosion proof
- High strength Aluminium housing
- Optional 3 hour Emergency Operation, 12 hour charge time
- Anti-glare, Ultra bright high power SEOUL LED light output
- Normal type: AC100-277V/ AC/DC24-48V/ DC10-30V
- Emergency type: AC100-277V, AC200-277V
- Industrial aluminium alloy housing, high performance anti impact
- Shock and vibration-resistant, tempered glass lens and housing
- **Applications - Petroleum Industry, Metallurgical + Power Generator Industry**

**ATEX Certification:**  
II 2 GD Ex d eb IIB T6 Gb | Ex tb III T80°C Db



PRODUCT CODE	INFO
NSEXLINEAR4500	-
NSEXLINEAR4500E	EMERGENCY



PRODUCT CODE	INFO
NSEXLINEAR7000	-
NSEXLINEAR7000E	EMERGENCY





# ATEX FLASHLIGHTS



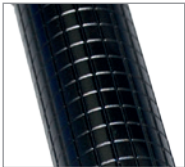
- 3 LIGHT MODES
- UP TO 18 HOURS RUNTIME
- ROBUST CONSTRUCTION
- 200M BEAM RANGE
- COMPACT



Front Spot Light



Rear Torch Light

High Strength  
Aluminium housingSimple Switch  
Operation

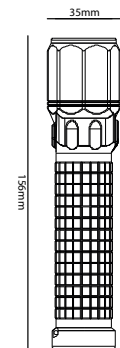
RoHS

**Key features:**

- Intrinsically safe LED Flash Light for use in Zone 1 • 2 • 21 • 22 hazardous areas
- Front spot light and Rear torch light, High/Low/Strobe light modes
- Explosion proof
- High powered OSRAM LED
- Charging time: 6hrs
- Running time: High: 9hrs | Low: 18hrs
- Battery: 2.2Ah Lithium-ion
- Secure grip, high strength aluminium housing
- Easy to use, maintenance free
- **Applications - Petroleum Industry, Fire Fighters, Public Security**

**ATEX Certification:**

II 2 G Ex ib IIC T4 Gb | II 2 D Ex ib IIC T130°C Db IP68


**PRODUCT CODE**  
 NSEX160R


**0.19  
KG**

- **2 LIGHT MODES**
- **RUBBERISED HANDLE**
- **135M BEAM RANGE**
- **UP TO 13 HOURS RUNTIME**
- **POCKET CLIP**



Stainless steel belt/pocket clip



Rubberised handle for comfortable grip

				Powered by 4x	

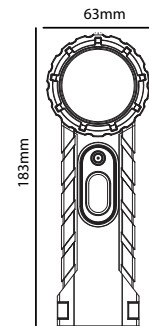
**Key features:**

- Intrinsically safe LED right angle hand torch for use in Zone 0 • 1 • 2 hazardous areas
- 2 Light modes: High 270lm | Low 135lm
- Up to 135 | 72 Metre beam
- High powered LED - CREE XP-G2
- MINING - EX I M1 Ex ia I Ma
- Powered by 4x AA batteries
- Drop proof up to 1m
- ANSI IP54 rating
- Easy to use, maintenance free
- **Applications - Mining Industry, Fire Fighters, Hazardous Environments**



**ATEX Certification:**

I M1 Ex ia I Ma | II 1G Ex ia IIC T4 Ga



**PRODUCT CODE**  
NSEX270

**250g**

- LIGHTWEIGHT
- 30M BEAM RANGE
- UP TO 18 HOURS RUNTIME
- POCKET SIZED
- SUPPLIED WITH WRIST STRAP



On/off tail switch

Easily clip on:  
- Pockets, Belts  
Tool bags

RoHS

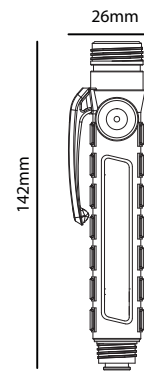
Powered  
by 2x**Key features:**

- Intrinsically safe LED flashlight for use in Zone 0 • 1 • 2 hazardous areas
- 50lm, up to 30 Metre beam
- High powered LED - CREE XP-G2
- ANSI IP67 rating
- MINING - EX I M1 Exia I Ma
- Long operation times up to 18 hours
- Waterproof up to 1m (IPX7)
- Durable impact resistant, drop proof up to 1m
- Easy to use, maintenance free
- Supplied with wrist strap

• **Applications - Oil and Gas Industry, Mining Industry, Utility Companies**

**ATEX Certification:**

Ex I M1 Ex ia I Ma | Ex II 1 G Ex ia IIC T5 Ga


**PRODUCT CODE**  
NSEXPL

  
65  
g



Spot beam



Flood beam



Adjustable sliding switch between light modes



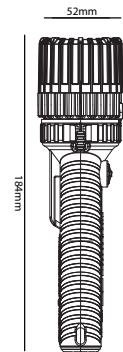
Twist head to adjust beam: Spot light or Flood Light



**Key features:**

- Intrinsically safe LED flashlight for use in Zone 0 • 1 • 2 hazardous areas
- Up to 160lm
- Up to Spot beam: 116M | 72M
- Up to Flood beam: 26M | 16M
- High powered LED - CREE XP-G2
- MINING - EX I M1 Exia I Ma
- ANSI IP67 rating
- Easily twist head from Spot to Flood beam, while wearing fire gloves
- Beam lock
- Supplied with wrist strap
- **Applications - Oil and Gas Industry, Mining Industry, Emergency Services**

**Ex** **ATEX Certification:**  
Ex I M1 Ex ia I Ma | II 1 G Ex ia IIC T4 Ga



**PRODUCT CODE**  
NSEXZOOM



- **2 LIGHT MODES**
- **116M BEAM RANGE**
- **UP TO 13 HOURS RUNTIME**
- **LOCK SWITCH**
- **SUPPLIED WITH WRIST STRAP**



Locks to prevent turning accidentally



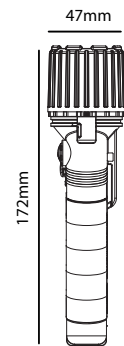
Fastener prevents opening in hazardous areas



**Key features:**

- Intrinsically safe LED flashlight for use in Zone 0 • 1 • 2 hazardous areas
- 2 Light modes: High 160lm | Low: 65lm
- Up to 116M | 80M Metre beam
- High powered LED - CREE XP-G2
- Waterproof up to 1m (IPX7)
- ANSI IP67 rating
- Powered by 4x AA batteries
- Switch push button on tail
- Durable impact resistant, drop proof up to 1m
- Easy to use, maintenance free
- **Applications - Fire and Emergency Services, Utility Companies**

 **ATEX Certification:**  
Ex II 1 G | Ex ia IIC T4 IP67



**PRODUCT CODE**  
NSEX160

 **140g**

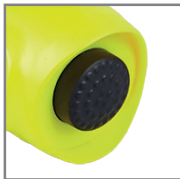


### **OPTIONAL HELMET CLIPS**

Compatible for all the following Atex flashlights: EX160, EX60  
Contact our sales team to find out more.



- 2 LIGHT MODES
- 144M BEAM RANGE
- UP TO 80 HOURS RUNTIME
- REMOVABLE CLIP
- SWITCH PUSH BUTTON ON TAIL



On/Off  
Tail Switch



Removable  
clip



RoHS

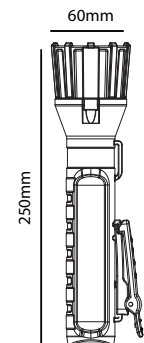


Powered  
by 3x

### Key features:

- Intrinsically safe LED flashlight for use in Zone 0 • 1 • 2 hazardous areas
- 2 Light modes: High: 125lm | Low: 55lm
- Up to 144 | 90 Metre beam
- High powered LED - CREE XP-E
- Waterproof up to 1m (IPX7)
- ANSI IP67 rating
- Powered by 3x C-Cell batteries
- Switch push button on tail
- Durable impact resistant, Drop proof up to 1m
- Easy to use, maintenance free
- **Applications - Fire and Emergency Services, Utility Companies**

 **ATEX Certification:**  
EX ia IIC T4 Ga



**PRODUCT CODE**  
NSEX125

  
190  
g



# ATEX HEAD TORCHES



- **2 LIGHT MODES**
- **100M BEAM RANGE**
- **UP TO 4.5 HOURS RUNTIME**
- **EASILY ROTATES WHILE WEARING FIRE GLOVES**



90° Adjustable angles



Gas pressure release valve



RoHS



Powered by 3x

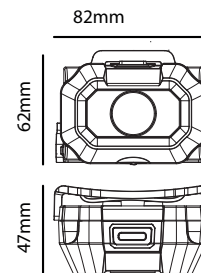
**Key features:**

- Intrinsically safe LED head torch for use in Zone 0 • 1 • 2 hazardous areas
- 2 Light modes: High 200lm | Low: 100lm
- High 75M | Low: 100M beam
- Durable impact resistant headlamp
- High powered LED - CREE XP-G2
- Waterproof up to 1m ANSI (IP67)
- Soft touch rubber switch
- Adjustable headband to fit users head or helmet
- Durable impact resistant, Drop proof up to 1m
- Easy to use, maintenance free
- **Applications - Fire and Emergency Services, Petrochemical + Gas Industries**



**ATEX Certification:**

Ex: II 1 G | Ex ia IIC T4 Ga IP67



**PRODUCT CODE**  
NSEHT180

**143g**

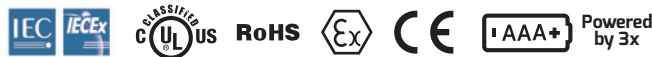
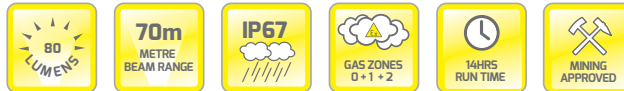
- ADJUSTABLE HEADBAND
- 70M BEAM RANGE
- UP TO 14 HOURS RUNTIME
- EASILY TWIST ON/OFF BEZEL WHILE WEARING FIRE GLOVES



Easily twist on/off bezel switch while wearing fire gloves



Gas pressure release valve

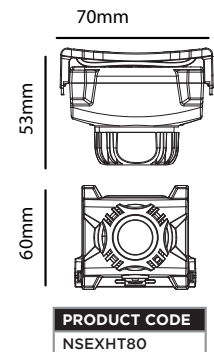


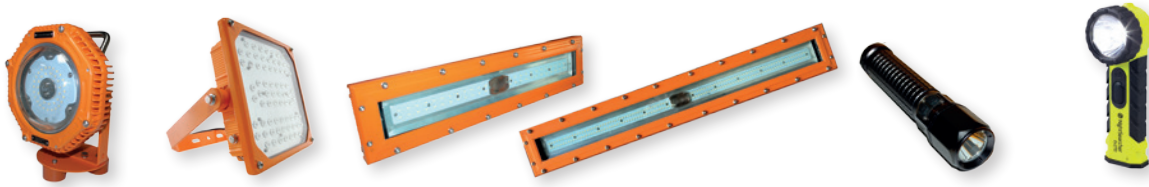
**Key features:**

- Intrinsically safe LED head torch for use in Zone 0 • 1 • 2 hazardous areas
- Up to 80lm
- Up to 70M beam
- High powered LED - CREE XP-G2
- Waterproof up to 1m (IPX7)
- ANSI IP67 rating
- Adjustable headband to fit users head or helmet
- Aluminium heat sink enhancing LED efficiency
- Durable impact resistant, Drop proof up to 1m
- Long operation time 14hrs

• **Applications - Oil and Gas Industry, Mining Industry, Emergency Services**

**ATEX Certification:**  
Ex I M1 Ex ia I Ma | Ex II 1 G Ex ia IIC T4 Ga





Product code	NSEX1000R	NSEXFLOOD120	NSEXLINEAR4500 *NSEXLINEAR4500E	NSEXLINEAR7000 *NSEXLINEAR7000E	NSEX160R	NSEX-270
Lumens	High: 1265lm	High: 11352lm	High: 4554lm *High: 4554lm *Emergency 630lm	High: 7084lm *High: 7084lm *Emergency 630lm	High: 157lm Low: 78lm	High: 270lm Low: 135lm
Light Modes	High	High	High *High • Emergency	High *High • Emergency	High • Low Strobe	High • Low
Light Source	SEOUL LED 10W	OSRAM LED 120W	SEOU LED 36W	SEOU LED 56W	OSRAM LED	CREE XP-G2 LED
Run time	10hrs	-	-	-	High: 9hrs Low: 18hrs	High: 6.5hrs Low: 13hrs
IP Rating	IP66	IP66	IP66	IP66	IP68	IP54
Beam Distance	10M	43M	-	-	Spot: 200m	High: 135M Low: 72M
Rechargeable	LI-ION	-	-	-	LI-ION	LI-ION
Charge time	7hrs	-	-	-	6hrs	6hrs
Battery	6.6Ah	100-277V	AC100-277V/ AC/ DC24-48V/ DC10-30V *AC100-277V, AC200-277V	AC100-277V/ AC/ DC24-48V/ DC10-30V *AC100-277V, AC200-277V	3.7V 2.2Ah	4 x AA
Zones (GAS)	1 + 2	2	1 + 2	1 + 2	1 + 2	0 + 1 + 2
Zones (Dust)	21 + 22	22	21 + 22	21 + 22	21 + 22	-
MINING	-	-	-	-	-	M1
Certification	ATEX   IECEx CE   ROHS	ATEX   CE   ROHS	ATEX   IECEx CE   ROHS	ATEX   IECEx CE   ROHS	ATEX CE   ROHS	CSA   ATEX   IECEx CE   ROHS   REACH
Dimensions	210x182x282mm	425x336x336mm	600x136x85mm	900x136x85mm	156x35x35mm	183x69x63mm
Weight	5.31KG	10.4KG	6.8KG	9.1KG	190g	250g
Page number	5	6	8	8	10	11

Other Atex products are also available  
contact our sales team to find out more





Product code	NSEXPL	NSEXZOOM	NSEX160	NSEX125	NSEXHT180	NSEXH80
Lumens	High: 50lm	High: 160lm Low: 60lm	High: 160lm Low: 65lm	High: 125lm Low: 55lm	High: 100lm Low: 200lm	High: 80lm
Light Modes	High	High • Low	High • Low	High • Low	High • Low	High
Light Source	CREE XP-G2 LED	CREE XP-G2 LED	CREE XP-G2 LED	CREE XP-E LED	CREE XP-G2 LED	CREE XP-G2 LED
Run time	High: 18hrs	High: 6hrs Low: 13hrs	High: 6hrs Low: 13hrs	High: 42.5hrs Low: 80hrs	High: 2.5hrs Low: 4.5hrs	High: 14hrs
IP Rating	IPX7 • 1P67	IPX7 • 1P67	IPX7 • 1P67	IPX7 • 1P67	1P67	IPX7 • 1P67
Beam Distance	30M	Spot: 116m   72m Flood: 16m   26m	High: 116M Low: 80M	High: 144M Low: 90M	High: 100M Low: 75M	70M
Rechargeable	-	-	-	-	-	-
Charge time	-	-	-	-	-	-
Battery	2 x AAA	4 x AA	4 x AA	3 x C - Cell	3 x AAA	3 x AAA
Zones (GAS)	0 + 1 + 2	0 + 1 + 2	0 + 1 + 2	0 + 1 + 2	0 + 1 + 2	0 + 1 + 2
Zones (Dust)	-	-	-	-	-	-
MINING	M1	M1				M1
Certification	ATEX   IECEx CE   ROHS   REACH	ATEX   IECEx CE   ROHS   REACH	ATEX   IECEx CE   ROHS   REACH	ATEX   IECEx CE   ROHS   REACH	ATEX   IECEx CE   ROHS   REACH	ATEX   IECEx CE   ROHS   REACH
Dimensions	142x26x26mm	184x52x52mm	172x47x47mm	250x60x85mm	80x50x45mm	70x60x53mm
Weight	65g	143g	250g	190g	143g	110g
Page number	12	13	14	16	18	19



## ATEX MARKING



CE mark denotes manufacturers' declaration of product compliance to all relevant EU Directives



Specific mark for Explosion Protection



Equipment Group (Mining)



Equipment Category (Mining)



Not For Use In Mines



Atex Category 1 (Old Zone 0)



Tested for Gases, Vapour and Dust Atmospheres

## ATEX EX MARKING FOR EXPLOSIVE DUST ATMOSPHERES



Explosion Protected Equipment



Intrinsic safe 'i'



Dust Group



Temperature Classification



Equipment Protection Level



Ingress Protection Level Marking

## ATEX EX MARKING FOR EXPLOSIVE GAS ATMOSPHERES



Explosion Protected Equipment



Intrinsic Safe 'i'



Gas Group



Equipment Protection Level



Gas Group



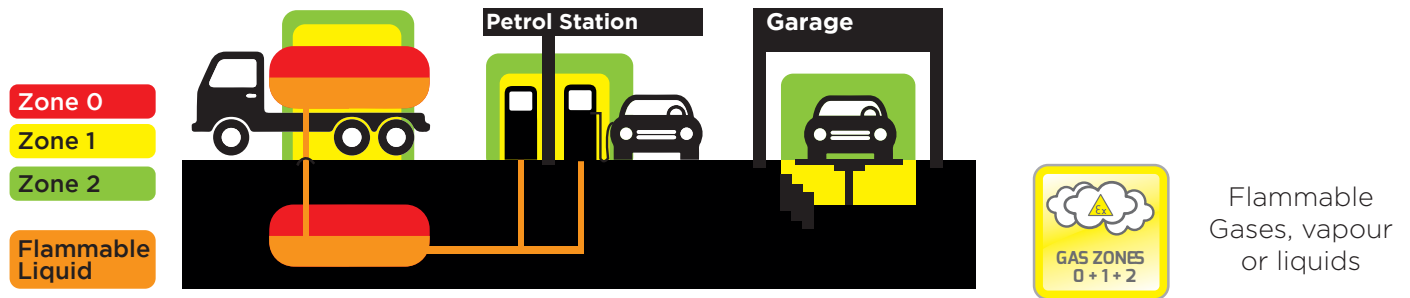
Temperature Classification



Equipment Protection Level

## Hazardous Area Classification Zone 0, Zone 1, Zone 2

This diagram shows how hazardous area zones may occur in typical circumstances



## Hazardous Area Classification Zone 20, Zone 21, Zone 22

This diagram shows how hazardous area zones may occur in typical circumstances





**UK**

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nightsearcher.co.uk

Nightsearcher Limited is registered in England.

The Company Registration Number is 4661749

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@NightSearcherLtd

