

ZEROALPHA
— S O L U T I O N S —

**TACTICAL LIGHTING
SYSTEMS**



ZEROALPHA

SOLUTIONS

DEPLOY LIGHTER **LAST LONGER**

FOBLite HQ Lighting System



Applications Supported:

- Command Posts/ Staff Working Environments
- Accommodation
- Medical Aid Stations
- Vehicle Shelters
- Buildings of Opportunity

Robust and lightweight lighting solutions

The ZAS-LS-049 FOBLite HQ Lighting System has been designed to provide a low SWAP solution for early entry tactical lighting requirements within HQ and semi-fixed infrastructure. The FOBLite HQ system provides both white and green light from a custom and robust single twin LED strip.

The system is housed in a lightweight IP65 NANUK transportation and storage case with fully integrated controls and power management. The LED strip is housed via its dedicated deployment system, ensuring exact storage and protection each and every time.

Power to the system is provided by both AC and DC sources. Field power can be provided from any DC input ranging from 18-32v, meaning it is able to run from in-service radio batteries or from vehicle power if required. With a dimmer control system, the appropriate amount of illumination can be provided to meet the operational situation. ZAS-LS-049 comes with a dual **90 battery input cable so batteries can be "Hot Swapped" or two batteries can be used at the same time to double operational hours.



Tactical Operation

Removing both thermal and acoustic signatures currently needed for field lighting



Plug and Play

Powered by in-service radio batteries. Quick and easy installation



Reduced Energy Consumption

Reduces overall emissions and reliance on field generators



Robust design

Units can be used in extreme environments

Specifications (PN: ZAS-LS-049)

| | |
|-----------------------|--|
| Input Voltage | 18-32v DC (2.5A max) or 100-240 AC 50/60 Hz (0.5A max) |
| LED Output Voltage | 105v DC (40w) |
| LED | White/Green |
| Casing | NANUK |
| Finish | GREEN |
| Weight | 8.5kg |
| Operating Temperature | -20°C to +50°C |
| Storage Temperature | -40°C to +50°C |
| IP Rating | IP65 |



Images are for illustrative purposes only and actual products and examples may differ from those shown. All details correct at time of going to press but subject to change. E & EO."



Designed in the UK

Each unit is manufactured to the exacting standards required for standalone power sources.



Warranty and Service

The unit is covered by our own one year warranty.

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FOBLite 360

FOBLite 360

A professional multi-function portable rechargeable work lighting system

More Flexible

Typical portable area floodlights have a fixed beam angle which cannot be adjusted according to the task in hand. The ZeroAlpha FOBLite 360 offers users both flood and spot beam angles and anything in between split over 3 headlets making it the ideal light for all applications.

More Control

The lumen output of the FOBLite 360 is controlled to effectively illuminate a wide range of different working situations. Without control, lumens output can be misleading for example a laser beam with very high output is useless for lighting a whole area where a wide beam angle is required. Lumens output is only the amount of light emitted from the light source and not the amount of light projected onto your work task.

More Efficient

Don't waste critical battery power illuminating the sky or any other areas where the light is of no benefit to your work task.

Highest Level Of Usable Light

All ZeroAlpha lighting products are designed on our philosophy to provide the highest level of "usable light" to the widest range of work task situations.

Use For Any Lighting Application

The FOBLite, with its industry leading triple light head design incorporating the unique FOBLite Light Management System, puts the maximum amount of light where you need it for any application.

Longer Running Times

The FOBLite gives you total control

Tactical Operation



Removing both thermal and acoustic signatures currently needed for field lighting

Plug and Play



Powered by in-service radio batteries. Quick and easy installation

Reduced Energy Consumption



Reduces overall emissions and reliance on field generators

Robust design



Units can be used in extreme environments

to optimally illuminate any work task with the highest possible energy efficiency, to enable longer running times in critical situations when working remotely from a power source.

Whatever illumination your task requires:



360° area flood lighting



180° directional area flood lighting

POWER · CONTROL · PERFORMANCE

Over 12,000lm output
from three infinite
varifocus heads

- 360° area flood lighting
- Directional area flood lighting
- Long distance spot lighting
- Or a combination of all three!

What Is Unique About The FOBLite 360?



One work light suitable for every task – no need to carry several products

Unique multi-function design covers every application from 360° area flood light to long distance spot/search light, and everything in between. Output is only the amount of light emitted from the light source and not the amount of light projected onto your work task.

Integrated tripod system with 1.8m working height without needing to carry any additional equipment

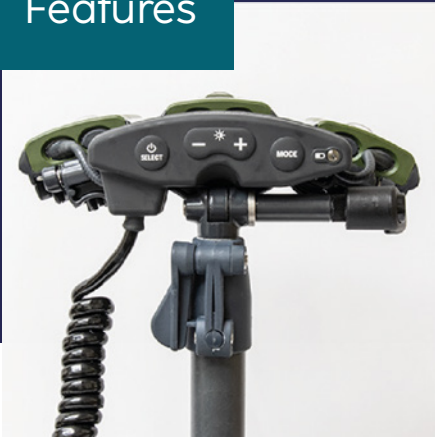
Folding Stabilizer legs and quick deploy extensions poles integrated into the base of the FOBLite.

Best in class usable light output for any remote lighting task

Using a special triple head design featuring the unique FOBLite Light Management System.



Features



Power Functions

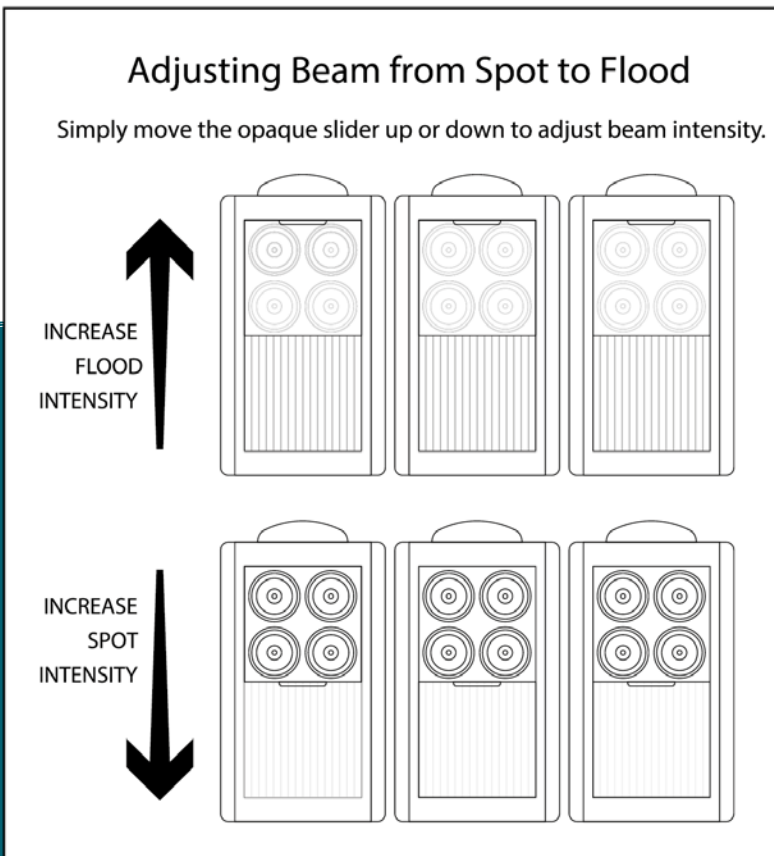
Light output can be dimmed from 8% to 150% and regulated as needed. Boost function to increase light output to 150% for detailed tasks where as much light as possible is required.

Integrated Tripod

The FOBLite 360 comes with an integrated, quickly deployable tripod to allow the light head to be raised up to 1.8M high. This compact tripod solution ensures the FOBLite can be used in a variety of different applications without the need for additional equipment. The FOBLite also has in built stabiliser legs to give enhanced stability on uneven surfaces.

Multi-Charging Options

The FOBLite charges from 12V, 24V & 240V supplies making it flexible around the customer's requirement. All units have battery monitoring software to monitor battery and charging status and battery levels are clearly indicated on the FOBLite to indicate duration left before re-charge is required.



Variable Focusing (Flood to Spot)

The FOBLite 360 is fitted with a unique diffuser to enable users to switch between a wide flood beam or a focused spot beam as required or even a combination of both. Each headlet can be switched between the different beam angles to enable the user to create their optimum light effect for the application and maximum flexibility.

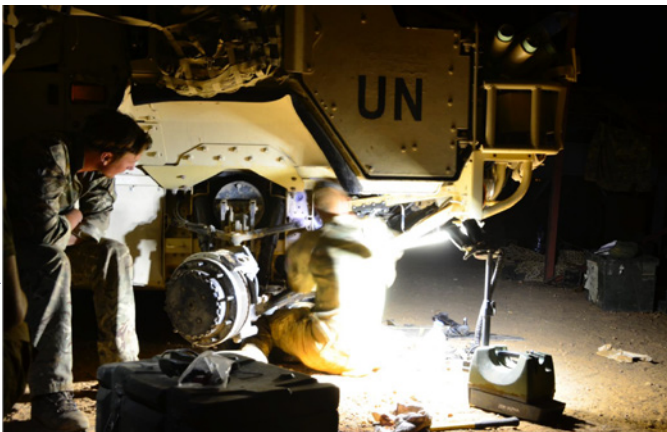
FOBLite 360 4.5m Tripod



The 4.5M tripod system enables users to raise the FOBLite LED Head to 4.5M to light up a larger area and achieve maximum uniformity and full 360 degree light effect. The tripod has a shoulder strap included to assist easy transportation. The 4.5M tripod is also available with an adjustable leg for use in multiple locations and terrains.

FOBLite 360 SPECIFICATIONS

| | |
|-------------------------|--|
| POWER | 30W per light panel - 90W total max |
| LUMENS | Approx 12,000 lumens max |
| DURATION (100% SETTING) | Up to 8 hours (depending on model) |
| HEIGHT | 175mm |
| WIDTH | 220mm (max with panels folded out) |
| DEPTH | 100mm (max with panels folded out) |
| WEIGHT (LITHIUM UNIT) | 7.2Kg to 8.42Kg (approx, depending on model) |
| WEIGHT (SLA UNIT) | 12.65Kg (approx) |



Designed in the UK

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Warranty and Service

The unit is covered by our own one year warranty.

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FOBLite MAX 360

FOBLite MAX 360



85,000 Lumens
Light Output

- 360° area flood lighting
- Directional area flood lighting
- Long distance spot lighting
- Or a combination of all three!

A professional, compact, high power, multi-function mobile area lighting system

Flexibility to cover almost any remote lighting application

Typical portable/mobile area floodlights have a fixed beam angle which cannot be adjusted according to the task in hand. The FOBLite can be configured with different beam angles to suit the user's requirements. In combination with its 3 independently adjustable light heads this gives you full control of the light projected, allowing you to achieve the optimum illumination for all of your working situations.

Maximum usable light

Lumens output only measures the amount of light emitted from the light source and not the amount of light projected onto your work task. Our key design philosophy is to provide the highest level of "usable

light" to the widest range of work task situations allowing you to do more with less equipment, lower energy consumption and a lower total cost of ownership.

Industry leading Light Management System

Don't waste critical battery power illuminating the sky or any other areas where the light is of no benefit to your work task.

Highest Level Of Usable Light

The FOBLite with its industry leading triple light head design incorporating the unique Light Management System, puts the maximum amount of light where you need it for any application with the minimum energy consumption. Optional control sensors including motion and light sensors can be used to



Tactical Operation

Removing both thermal and acoustic signatures currently needed for field lighting



Plug and Play

Powered by in-service radio batteries. Quick and easy installation



Reduced Energy Consumption

Reduces overall emissions and reliance on field generators



Robust design

Units can be used in extreme environments

further reduce the energy consumption providing best in class illumination control and energy efficiency.

Whatever illumination your task requires:



85,000 lumens output from three adjustable LED light heads



What Is Unique About The FOBLite MAX?

Maximum usable light in any application

Industry leading triple light head design + Light Management System.

Rapid, 1 person deployment

Easy handling with fast, simple and safe deployment system.

Safest mast deployment system

Electro-pneumatic mast system with push button control, coupled with a unique safety interlock system ensures class leading operator safety. The mast can only be raised when all four stability legs are correctly deployed.

Mast safety lowering system

Stability sensor system automatically lowers the mast in critical conditions. Push button control to lower the mast after use.

Safety leg to mast interlock system

All 4 legs must be correctly deployed before the mast can be raised. This safety Feature prevents incorrect and unsafe deployment of the unit.

Best in class power efficiency

Highly efficient LED light head and driver deliver a powerful 85,000 lumens at only 600w power consumption.

Crowd safety / Walkway mode

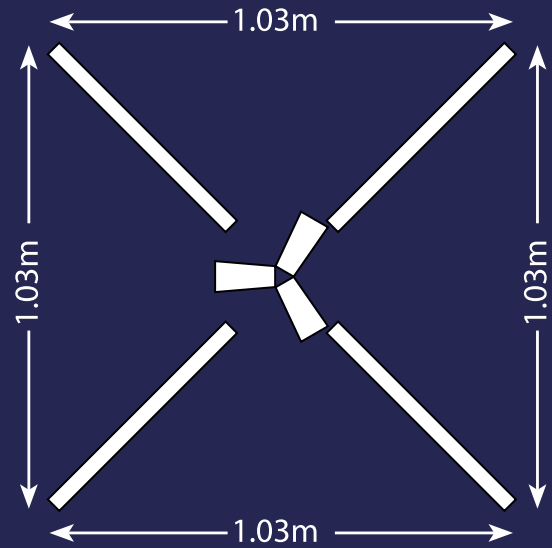
No trip hazard, can be fixed to existing structures eg. security fencing, without deployment of the legs.

Easy to transport

Compact stowed dimensions and low weight. Multiple units can be transported in a small vehicle.



Footprint when deployed



| PRODUCT CODE | VOLTAGE | LUMENS | HEIGHT DEPLOYED | WIND RATING | SIZE STOWED | WEIGHT |
|--------------|---------|-----------------|-----------------|----------------|-----------------------------|--------|
| ZAS-LS-004 | 240V | 85,000 (approx) | 4.5m | 20 m/s - 45mph | 1.5m x 0.4m x 0.4m (approx) | 85Kg |
| ZAS-LS-004 | 110V | 85,000 (approx) | 4.5m | 20 m/s - 45mph | 1.5m x 0.4m x 0.4m (approx) | 85Kg |



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