

Quad Pod K50 & K65

Mobile Lighting Towers

A range of high power LED mobile outdoor floodlights especially designed for Construction, Hire, Rail, Utilities and Outdoor Events

Up to 245,000 Lumens Light Output



www.riteliteportablelighting.co.uk

The K50 & K65



K50

5.2 metre mast height
3 mast sections
4 or 6 light heads
200W or 240W LED light heads

K65

6.6 metre mast height
4 mast sections
4 or 6 light heads
200W or 240W LED light heads



Market leading features

- Highly flexible – easy to manoeuvre to any location and small enough to fit through small spaces and a standard doorway
- One person deployment system – quick and easy to setup in under 2 minutes
- High power LED light heads – 28,000 lumens per 200W light head, or 40,800 lumens per 240W light head
- Total wattage max 1200W (6 x 200W LED heads) or 1440W (6 x 240W LED heads) = small generator requirement
- Average 20 Lux over 7396m² as 360 degree area floodlight when fitted with 6 x 240W light heads on K65 Quad Pod
- Small footprint for storage
- Designed to minimize ground damage both whilst setting up and in use
- Class leading Rite-Safe operator safety system

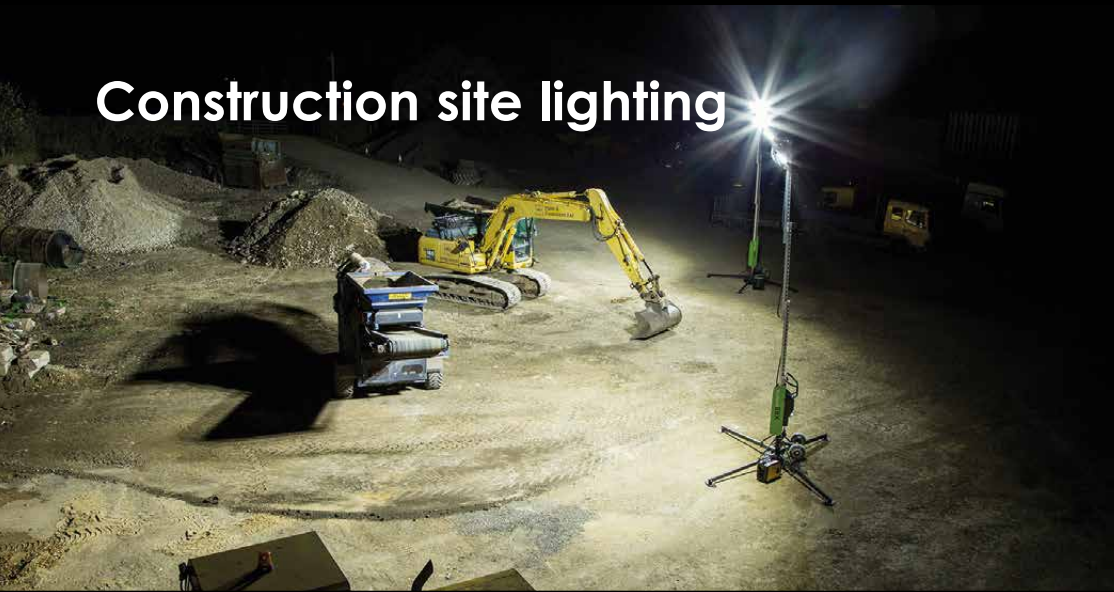
Can be powered by mains or generator

- AC mains power supply (110V or 240V AC)
- Petrol or diesel generators

QUAD POD THE BEST SOLUTION FOR YOUR MOBILE LIGHTING APPLICATION

To hire or buy the Quad Pod is a high power mobile outdoor floodlighting solution for many applications including:

Construction site lighting



Rail lighting



Hire



Event lighting



Features & Benefits

Operator Safety



Integrated manual winch with automatic safety brake and slack rope safety system

The slack rope safety system automatically detects when the winch rope is not correctly tensioned and prevents the user from continuing to operate the winch in the mast lowering direction. This helps to protect the user from potentially unsafe operating conditions and also protects the wire rope and winch from damage.



Automatic mast safety interlock system

Market leading, double pin safety locking system ensures that the mast is automatically and safely mechanically locked in all positions when raising the mast. This system also acts as a "dead man's handle" for safe lowering of the mast.



Automatic mast safety and stowage lock

Helps prevent mast from being raised until legs are deployed and secures mast for transport.



Operator level RCBO electrical safety isolation switch

No need to lower mast to turn luminaries on and off. Instant power off should an electrical problem occur.

Features & Benefits



One person deployment system

Even on difficult terrains, enabling use in a much wider range of applications than other lighting towers.



Unique parallel mast design

Allows the mast sections to slide past each other and the light head assembly to be fully retracted and stowed at the base of the unit. The centre of gravity is very low with the weight perfectly balanced over the wheels for easy and safe handling even on difficult terrain.



Low pressure footprint

Low pressure footprint with non-marking base. Optimum stability with minimum ground impact. Ideal for deployment on impressionable ground surfaces.



Fork lift pockets and tie down points

For safe and fast handling, loading and unloading at storage depots and work sites.



Low centre of gravity for safe handling on site

Typical telescopic mast designs do not allow the light heads to be retracted below approx 2m height for transportation and positioning on site. This results in either having to remove the light heads or in a high centre of gravity making positioning and handling difficult and potentially unsafe, especially on uneven surfaces.

Features & Benefits



Individual, fully adjustable light heads

Allows light to be adjusted to suit any application including a 360° light pattern.



Independently adjustable legs

Rapid to deploy, Independently adjustable legs. Designed to enable maximum stability in all typical work site deployment conditions.



Built in level gauge

Reduces set-up time and allows the operator to ensure that the mast is setup correctly and safely.



Mains and generator powered

For use with existing power supply equipment. 110V or 240V options available.



Low pressure wheel / tyres

Suitable for manoeuvring over many different terrains without damage to the surface.

Technical Specifications



- High power, highly efficient LED light heads
- Option of 4 or 6 light heads per Quad Pod
- Option of two mast heights
- 200W or 240W power per light head
- 28,000 lumens per 200W light head
- 40,800 lumens per 240W light head
- Cool white colour temperature

The Quad Pod is available with a photocell option for increased energy savings and lower fuel costs. Diffused lens options available to reduce glare and minimise light pollution.

K50

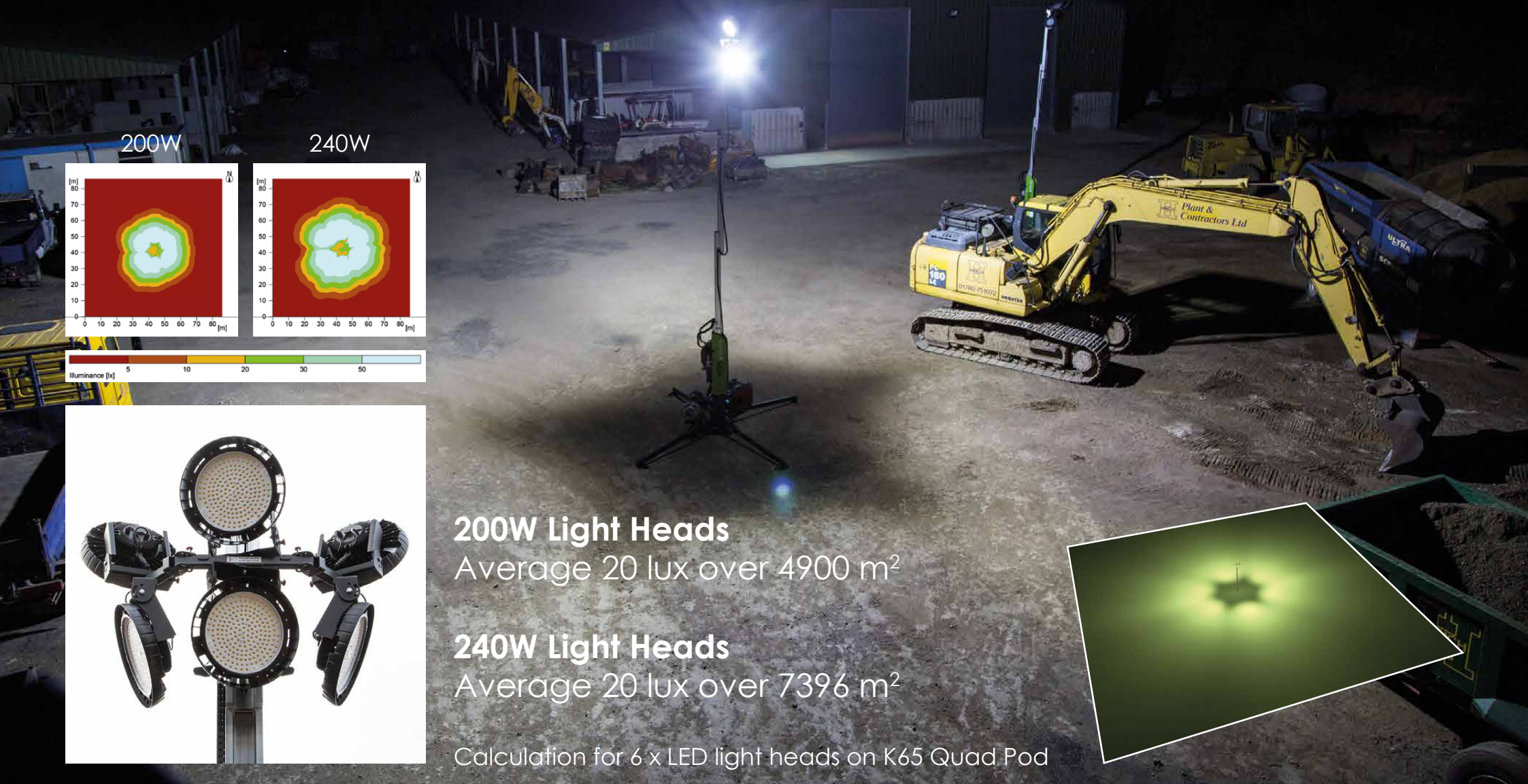
PRODUCT CODE	MAST HEIGHT	LIGHT HEAD WATTAGE	NUMBER OF HEADS	WEIGHT	CLOSED DIMENSIONS	OPEN DIMENSIONS
K50/MK4-L4-200W	5.2m	200W	4	220Kg	1090 x 830 x 1950mm	2370 x 3100 x 5200mm
K50/MK4-L6-200W	5.2m	200W	6	240Kg	1090 x 830 x 1950mm	2370 x 3100 x 5200mm

K65

PRODUCT CODE	MAST HEIGHT	LIGHT HEAD WATTAGE	NUMBER OF HEADS	WEIGHT	CLOSED DIMENSIONS	OPEN DIMENSIONS
K65/MK4-L4-200W	6.62m	200W	4	230Kg	1090 x 830 x 1950mm	2370 x 3100 x 6620mm
K65/MK4-L6-200W	6.62m	200W	6	250Kg	1090 x 830 x 1950mm	2370 x 3100 x 6620mm
K65/MK4-L4-240W	6.62m	240W	4	230Kg	1090 x 830 x 1950mm	2370 x 3100 x 6620mm
K65/MK4-L6-240W	6.62m	240W	6	250Kg	1090 x 830 x 1950mm	2370 x 3100 x 6620mm

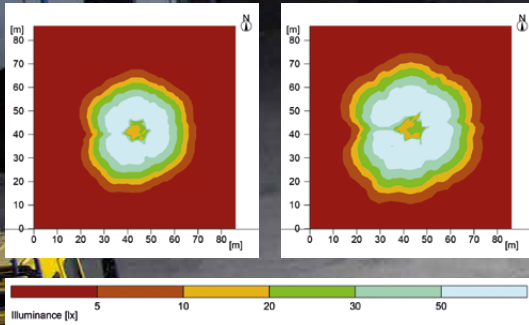
360 Degree Area Lighting

For applications where multi-directional lighting is required



200W

240W



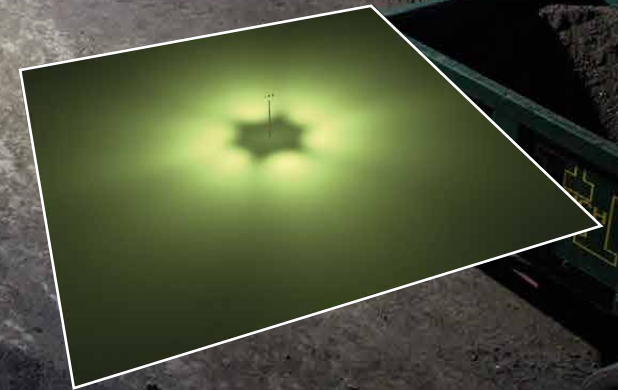
200W Light Heads

Average 20 lux over 4900 m²

240W Light Heads

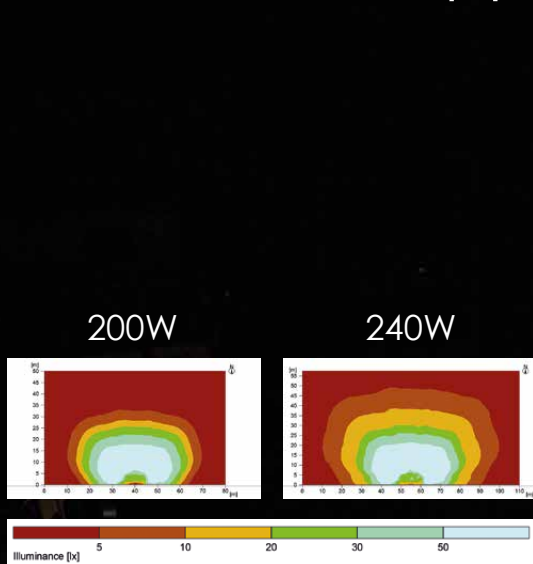
Average 20 lux over 7396 m²

Calculation for 6 x LED light heads on K65 Quad Pod



Directional area lighting

For industrial applications



200W Light Heads

Average 20 lux over 4000 m²

240W Light Heads

Average 20 lux over 6325 m²

Calculation for 6 x LED light heads on K65 Quad Pod



Accessories

PETROL GENERATORS

We offer a choice of two petrol generators which are ideal for use with our Quad Pod mobile lighting towers. Both are portable, efficient to run with low carbon emissions, and low noise levels.

1.6 KW

- Rated output: 1.6 KW
- Fuel capacity: 4.2 litre
- Running time: up to 7 hours*
- Rated voltage: 110 or 230V
- Noise levels: 61 dBA
- Dimensions: 499 x 285 x 466mm
- Weight: 21Kg

How many Quad Pods will the 1.6KW generator supply?

- 1 x K50 4 or 6 head unit with 200W light heads
- 1 x K65 4 or 6 head unit with 200W light heads



3.0 KW

- Rated output: 3.0 KW
- Fuel capacity: 10 litre
- Running time: up to 10 hours*
- Rated voltage: 110 or 230V
- Noise levels: 65 dBA
- Dimensions: 578 x 440 x 510mm
- Weight: 45Kg

How many Quad Pods will the 3.0KW generator supply?

- 3 x K50 / K65 4 head unit with 200W light heads
- 2 x K50 / K65 6 head unit with 200W light heads
- 2 x K50 / K65 6 head unit with 240W light heads



* 1 generator powering 1 x K65 Quad Pod with 6 LED 200W Heads. Duration may depend on operating conditions.

EXTENSION LEADS

Extension leads are available in a variety of lengths to meet customer requirements. We offer a choice of plugs and sockets, also a choice of cable specifications.





Established in 1988, Ritelite (Systems) Ltd is a specialist in portable & mobile lighting equipment with over 80 years combined experience in the industry.

Ritelite's head office and main manufacturing facility is located in Stamford, Lincolnshire. Ritelite also has an office in Wiltshire, England and a European base in Rheinfelden, Germany.

Ritelite is continually developing new innovative portable & mobile lighting products incorporating the market leading technology and designs.

As an ISO 9001 and 14001 accredited company Ritelite puts quality first reliably delivering high quality products to exceed customer expectations.

Ritelite works together with a network of local partners to ensure the highest level of service to our customers worldwide.

For further information please get in touch with us

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