

Quad Pod K50 & K65 Beam Control Mobile Lighting Towers

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



www.riteliteportablelighting.co.uk

The K50 & K65



K50

4.9 metre mast height
3 mast sections
3 x 450W LED light heads

K65

6.2 metre mast height
4 mast sections
3 x 450W 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 providing up to 195,000 lumens from a maximum 1460W power consumption with all light directed onto required surface
- Average 20 Lux over 6724m² as 360 degree area floodlight when fitted with 3 x 450W 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)
- Rite-Power battery generators
- 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.



Low pressure footprint

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



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.



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.



Built in level gauge

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



Independently adjustable legs

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



Mains, battery or generator powered

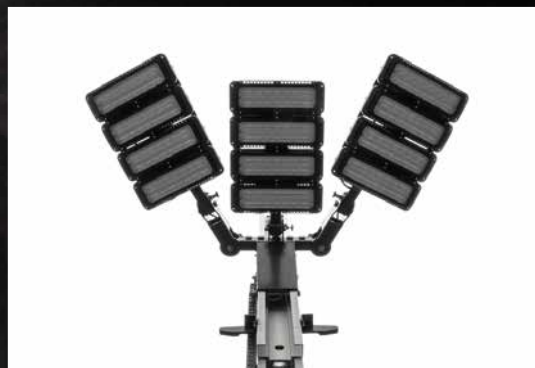
For use with existing power supply equipment or battery generators. 110V or 240V options available.



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 6 to 12 light modules per Quad Pod
- Option of two mast heights
- Up to 195,000 lumens (266,000 equivalent lumens) per Quad Pod
- 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	VOLTAGE	TOTAL QUAD POD WATTAGE	NUMBER OF LED LIGHT HEADS	WEIGHT	CLOSED DIMENSIONS	OPEN DIMENSIONS
K50/MK5-L3X4/110/T60309	4.9m	110V	1460W	3	220Kg	1090 x 830 x 1950mm	2370 x 3100 x 4900mm
K50/MK5-L3X4/240/T60309	4.9m	240V	1460W	3	220Kg	1090 x 830 x 1950mm	2370 x 3100 x 4900mm

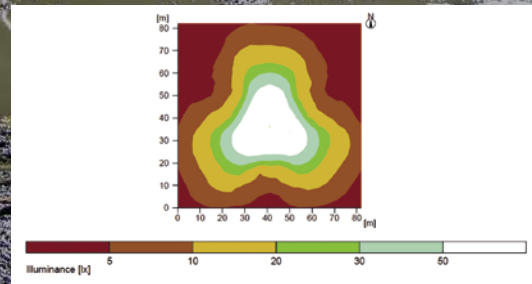
K65

PRODUCT CODE	MAST HEIGHT	VOLTAGE	TOTAL QUAD POD WATTAGE	NUMBER OF LED LIGHT HEADS	WEIGHT	CLOSED DIMENSIONS	OPEN DIMENSIONS
K65/MK5-L3X4/110/T60309	6.2m	110V	1460W	3	233Kg	1090 x 830 x 1950mm	2370 x 3100 x 6200mm
K65/MK5-L3X4/240/T60309	6.2m	240V	1460W	3	233Kg	1090 x 830 x 1950mm	2370 x 3100 x 6200mm

See website for all product options.

360 Degree Area Lighting

For applications where multi-directional lighting is required

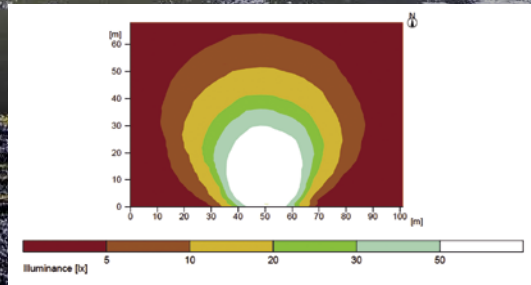


3 x 450W Light Heads
Average 20 lux over 6724 m²

Calculation for 3 x LED light heads on K65 Quad Pod

Directional area lighting

For industrial applications



3 x 450W Light Heads
Average 20 lux over 6868 m²

Calculation for 3 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 5 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/K65 3 head unit with 450W 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?

- 2 x K50/K65 3 head units with 450W light heads

* 1 generator powering 1 x K65 Quad Pod with 3 LED 450W 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.



RITE-POWER

PORTABLE BATTERY POWERED GENERATORS

Ritelite's range of Industrial Portable Battery Powered Generators provides reliable, efficient portable power whenever and wherever it is needed, outside and inside. Designed to run both Ritelite's lighting range and other equipment the battery powered generators are waterproof, compact and easy to use. Available in 110V and 230V options, rated IP44. Optional trolley for transport.



RITE-POWER 3500

- 3500 watt hour battery capacity
- 2500W continuous power
- Rechargeable Lithium-Ion Batteries
- Multi-function display to view status
- Quad Pod duration 2 hours*
- 3 charger options
- Dimensions: 680 x 340 x 470mm
- Weight: 42Kg two person lift



RITE-POWER 5250

- 5250 watt hour battery capacity
- 2500W continuous power
- Rechargeable Lithium-Ion Batteries
- Multi-function display to view status
- Quad Pod duration 3 hours*
- 3 charger options
- Dimensions: 680 x 340 x 680mm
- Weight: 57Kg two person lift



RITE-POWER 7000

- 7000 watt hour battery capacity
- 2500W continuous power
- Rechargeable Lithium-Ion Batteries
- Multi-function display to view status
- Quad Pod duration 4 hours*
- 3 charger options
- Dimensions: 680 x 340 x 680mm
- Weight: 69.5Kg two person lift

* 1 generator powering 1 x K65 Quad Pod with 3 LED 450W Heads. Duration may depend on operating conditions.



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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