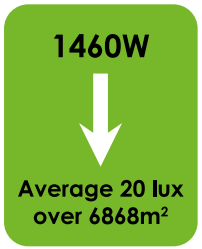
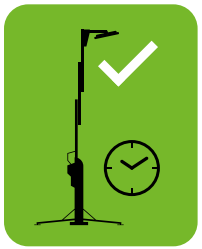
SCAN FOR INFORMATION
QUAD POD K65
Mobile Lighting Tower
A highly efficient area floodlighting solution combining optimised illumination & uniformity with minimised light loss, glare & light pollution for a wide range of industrial applications
RITELITE (SYSTEMS) LTD
www.riteliteportablelighting.co.uk

What makes the Quad Pod K65 Mobile Lighting Tower the highest performing industrial flood light in its class?

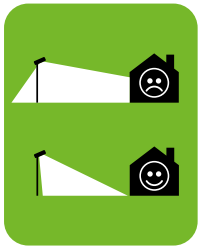


High Power, instant, flicker free LED light for large area flood lighting

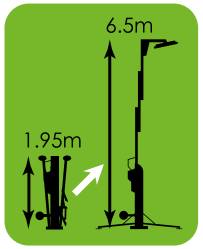
Optimised illumination & uniformity of light



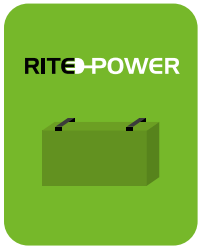
Rapid safe deployment by one person



Approximately 70% lower light pollution than typical lighting tower designs



Compact to store and transport, extending to 6.5m height



Powered by diesel generators, mains power or lithium battery powered generators

QUAD POD K65 is a fantastic mobile lighting solution for:

CARRIAGE & WAGON DEPOT

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. Compact to store and transport. Will fit through a standard size door enabling storage in any location.

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. **Wheels can be removed for additional security**

Technical Specifications

The Quad Pod K65 is available with a photocell option for increased energy savings and lower fuel costs. Optional diffused lens options available to reduce glare and minimise light pollution.

- High power, highly efficient LED light heads
- Option of 6 to 12 light modules per Quad Pod
- Up to 266,000 equivalent lumens when comparing light output to other symmetrical lensed beam pattern products
- Cool white colour temperature

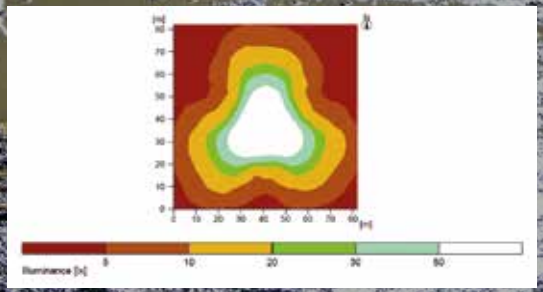
K65

PRODUCT CODE	MAST HEIGHT	VOLTAGE	TOTAL QUAD POD WATTAGE	NUMBER OF LED LIGHT HEADS	WEIGHT	CLOSED DIMENSIONS	OPEN DIMENSIONS
K65/MK5-L3X4/110/T60309	6.5m	110V	1460W	3	237Kg	1.09 x 0.83 x 1.95m	2.37 x 3.1 x 6.5m
K65/MK5-L3X4/240/T60309	6.5m	240V	1460W	3	237Kg	1.09 x 0.83 x 1.95m	2.37 x 3.1 x 6.5m

See website for all product options.

360 Degree Area Lighting

For applications where multi-directional lighting is required

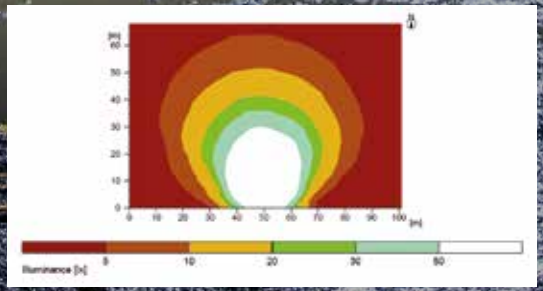


3 x 450W Light Heads
Average 20 lux over 6724 m^2

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 m^2

Calculation for 3 x LED light heads on K65 Quad Pod

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Accessories

QUAD POD COVER

A high quality waterproof cover to protect the Quad Pod K65 when stored outside. It attaches to the unit and can be tied back during operation allowing access to all user controls.

ANEMOMETER

Monitor the wind speed with this mast mountable anemometer. Quick installation. Automatic levelling. Wireless connection with mobile phone app up to 100m range. Adjustable maximum wind speed alarm function. Includes magnetic bracket

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.

3.5KW PETROL GENERATORS

We offer a petrol generator which is ideal for use with our Quad Pod mobile lighting towers. It is portable, efficient to run with low carbon emissions, and low noise levels.

- 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

* Duration will depend on operating conditions.

RITE POWER

PORTABLE BATTERY POWERED GENERATORS

SCAN FOR INFORMATION

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.

MODEL	RP3850	RP5250	RP7700
WATT HOUR BATTERY CAPACITY	3850 W/h	5250 W/h	7700 W/h
QUAD POD K65 DURATION *	2 hours	3 hours	4 hours
DIMENSIONS	720 x 370 x 470mm	680 x 340 x 680mm	720 x 370 x 680mm
WEIGHT	52Kg	57Kg	91Kg
RECHARGE COSTS	£1.27	£1.73	£2.54

Other specifications available for longer duration or powering more than one Quad Pod at a time.

* 1 generator powering 1 x K65 Quad Pod with 3 LED 450W Heads. Duration may depend on operating conditions. Costs calculated based on electricity cost of 30p per kW/h.

RITELITE (SYSTEMS) LTD

Ritelite (Systems) Limited are a global, market-leading manufacturer, of innovative, professional and industrial mobile and portable area lighting and power systems and class leaders in illumination, performance and power efficiency.

For over 35 years, our journey to success has been driven by the design and manufacture of high-performance, high-efficiency lighting and power solutions. At Ritelite, we thrive on flexibility, embracing unconventional thinking and leveraging state-of-the-art technologies to collaborate closely with our customers. This partnership approach allows us to continually evolve our product range to meet the ever-evolving demands of our valued customers and markets.

When you invest in a Ritelite lighting product you are embracing our design philosophy - to provide the highest level of "usable light" to the widest range of work task situations. Our products are engineered to be efficient, flexible, versatile, robust, and highly reliable ensuring they stand the test of time. All Ritelite lighting solutions feature our unique beam-controlled lighting design giving maximum useful light for any application with minimised glare and light pollution. Our product range is also eco-conscious, offering zero emission, silent-running power solutions either through in-built highly efficient lithium batteries or via our innovative RITE-POWER portable battery-powered generators.

BESPOKE CUSTOMER SOLUTIONS

IN-HOUSE DESIGN AND DEVELOPMENT

BRITISH MANUFACTURERS FOR OVER 35 YEARS

EXPERTS IN LED TECHNOLOGY & POWER EFFICIENCY

HIGH QUALITY PRODUCTS & PROCESSES, ISO 9001 & 14001:2015 ACCREDITED

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