



QUAD POD K65

Mobile Sports Lighting Tower

A highly efficient area flood lighting solution combining optimised illumination and uniformity with minimised light loss, glare and light pollution for a wide range of sports applications



www.riteliteportablelighting.co.uk

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



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



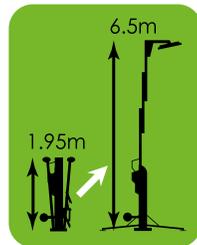
Optimised illumination & uniformity of light



Rapid safe deployment by one person



Approximately 70% lower light pollution than typical lighting tower designs



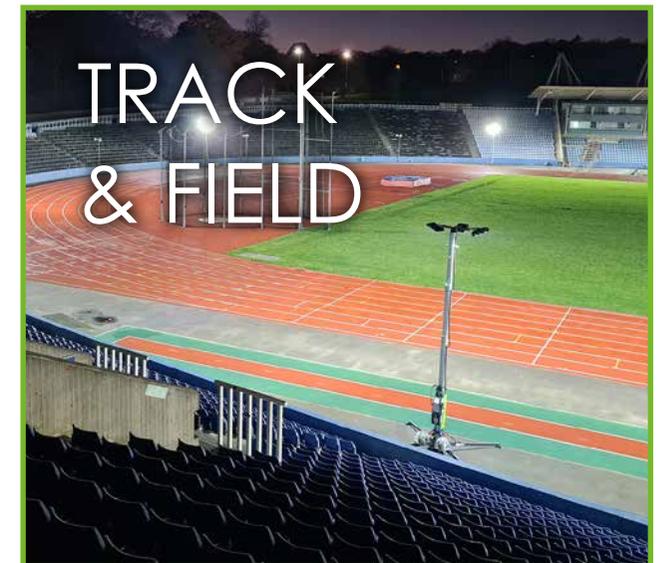
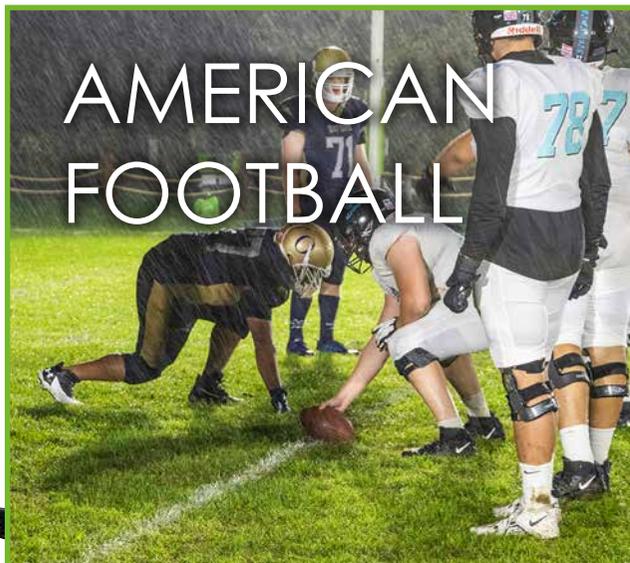
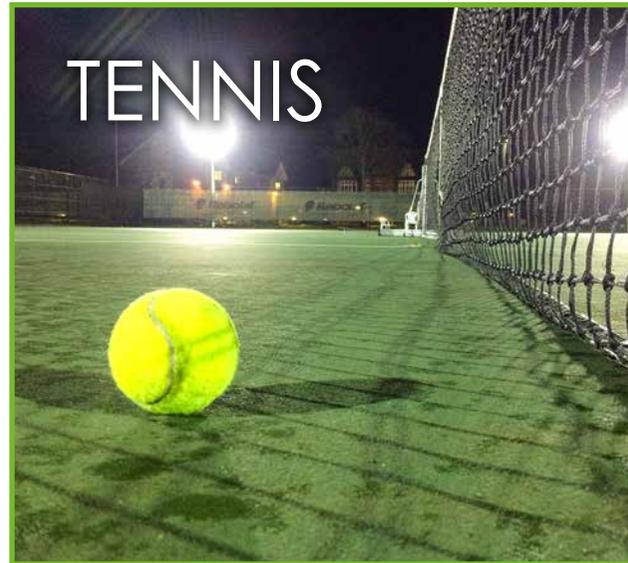
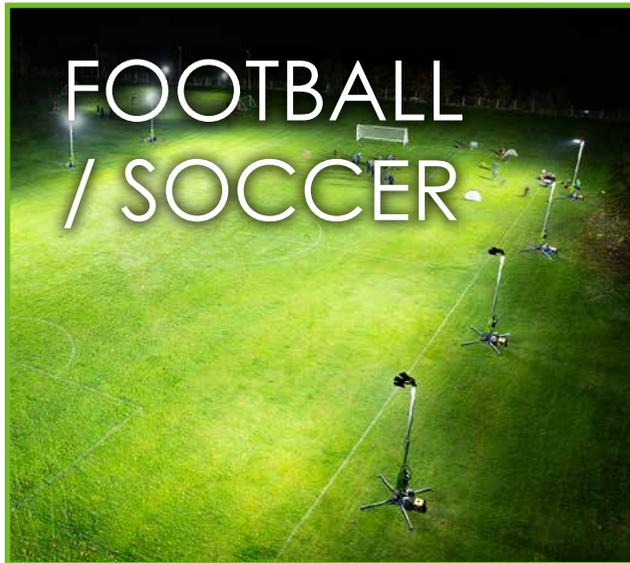
Compact to store and transport, extending to 6.5m height



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



QUAD POD K65 is a fantastic mobile lighting solution for:



Why do Clubs and Organisations need a Quad Pod K65?

Ritelite's Quad Pod K65 provides a solution for many clubs and organisations who are struggling to continue training and playing sport during the winter months for a number of different reasons including:



Unable to get planning permission or do not have enough budget for permanent lighting



Light up different areas of a pitch or multiple pitches or courts at different times so need a flexible solution



High cost of hiring floodlit pitches in local area - would like to keep training at home pitch / ground



Need a semi permanent installation as don't want to completely pack away lights in some applications



Would like compact, lightweight products to transport and store between training sessions



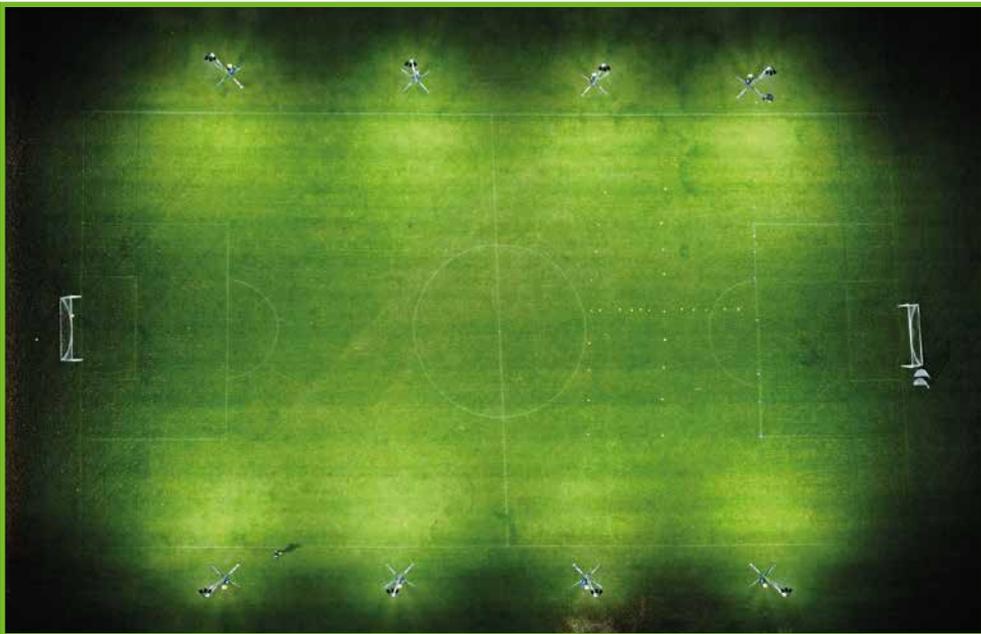
Light up more areas to train more players each week in realistic match conditions. No need to train indoors



Need low light pollution solution so as not to impact neighbouring houses / areas



Have permanent lights on the main pitch but want to keep that for matches and train on another area



Beam Control ensures all the light is directed towards the required surface, offering uniform light for training or playing any sport.

Ritelite's LED Sports Lighting Products
Designed for Maximum Light on the Playing Surface

RITELITE BEAM CONTROL



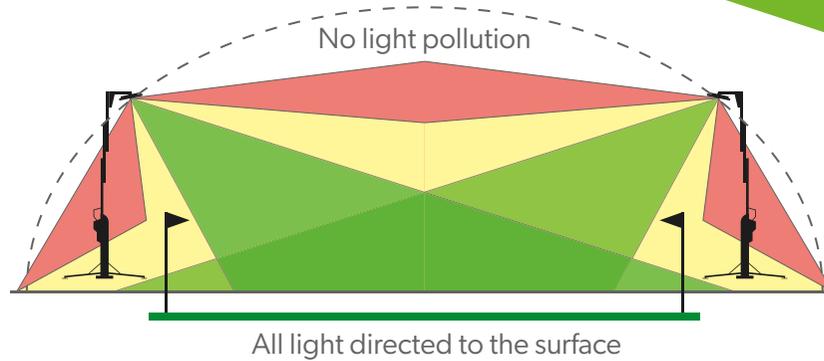
Beam controlled light, minimises light pollution



Designed for any outdoor sports application



Fully dimmable for optimum control of light output & run time



Example of beam control for sports



Standard light fitting



Beam Control

How many lights do I need?

The number of quad pods required depends on the sport being played and the level of light required.

Experience

Ritelite's customer support team are highly experienced in recommending the right number and configuration of Quad Pods for every application and sport.

Lighting design

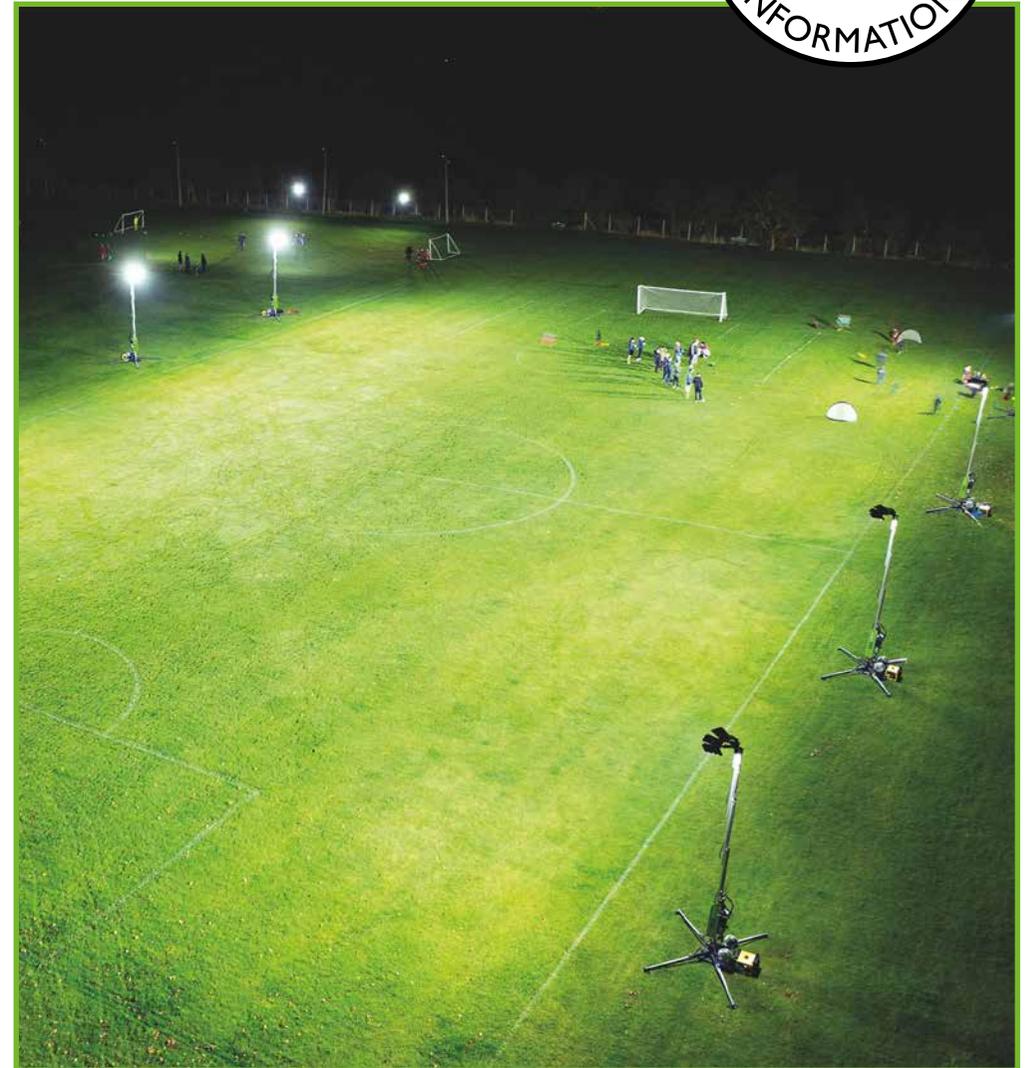
Ritelite's Lighting design team are able to supply relux lighting plots for any set up of quad pods to show what the light levels would be on your pitch.

Demonstrations

If you would like to see the Quad Pod in action please get in touch with our sales department to arrange for a demonstration – we might be able to suggest somewhere local to visit or arrange to carry out a demonstration for you on your pitch.

FOOTBALL / SOCCER

8 Quad Pods for full pitch



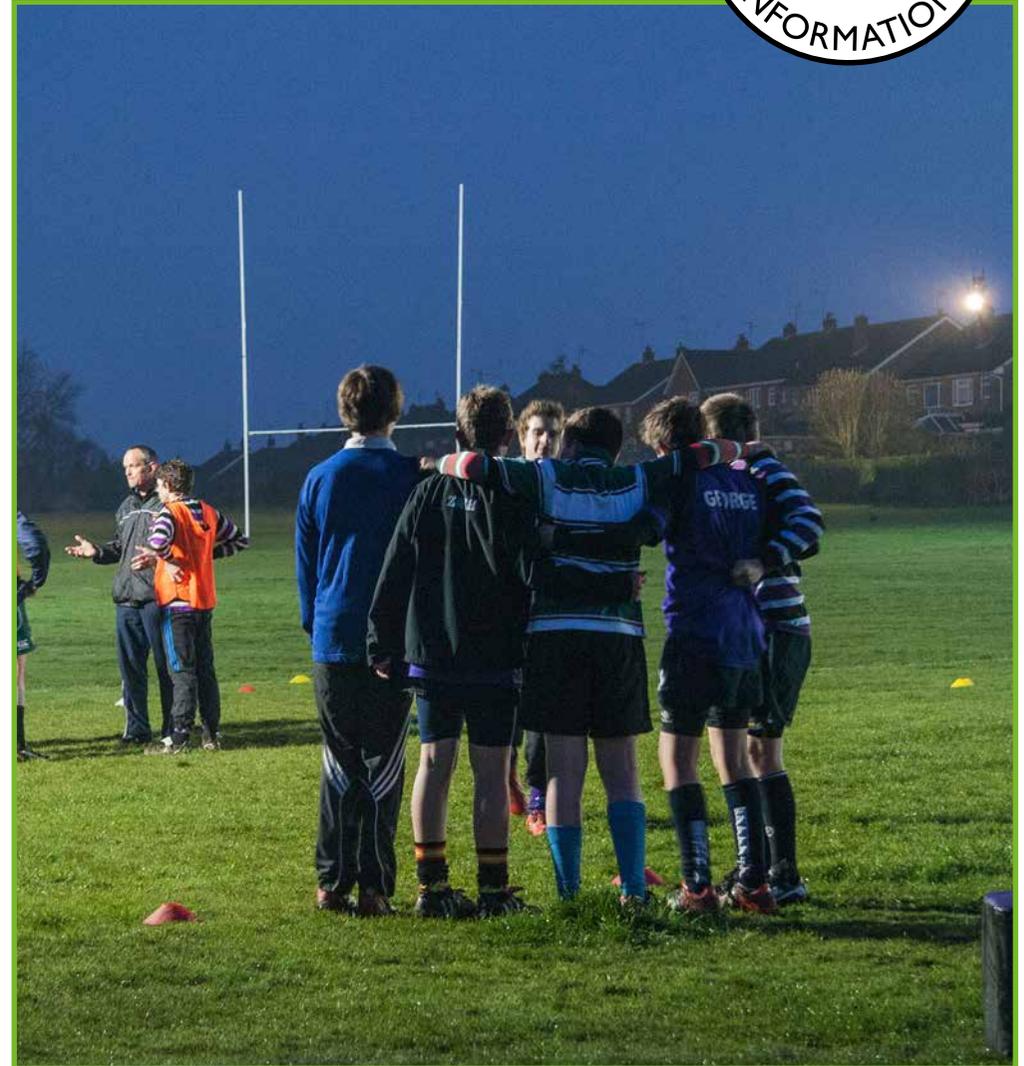
TENNIS

2 Quad Pods to cover twin court or 4 to cover triple court



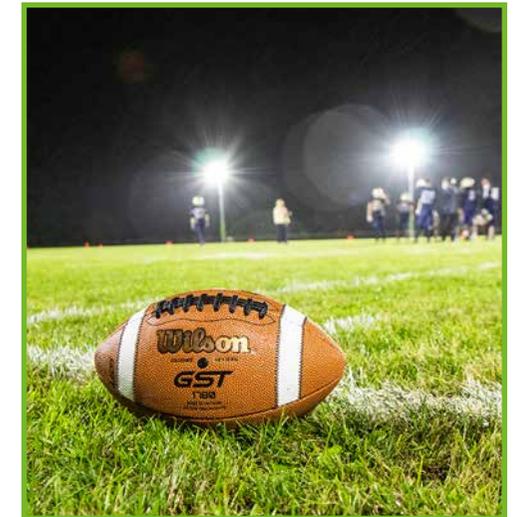
RUGBY

8 Quad Pods for full pitch



AMERICAN FOOTBALL

8 Quad Pods for full pitch



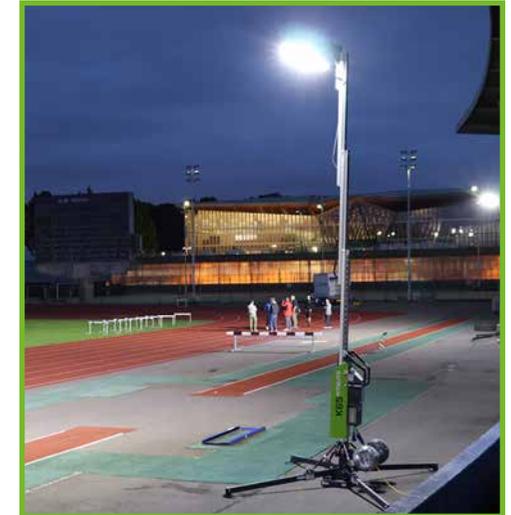
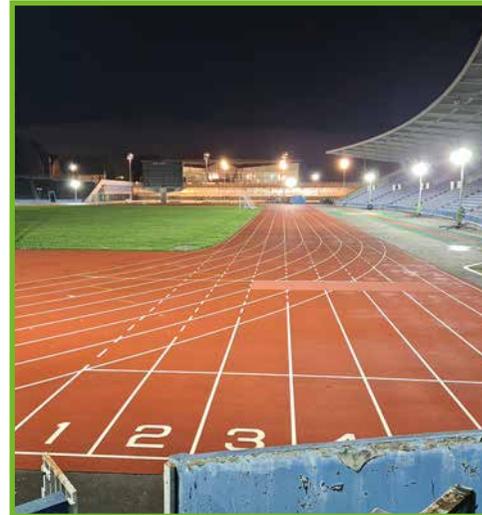
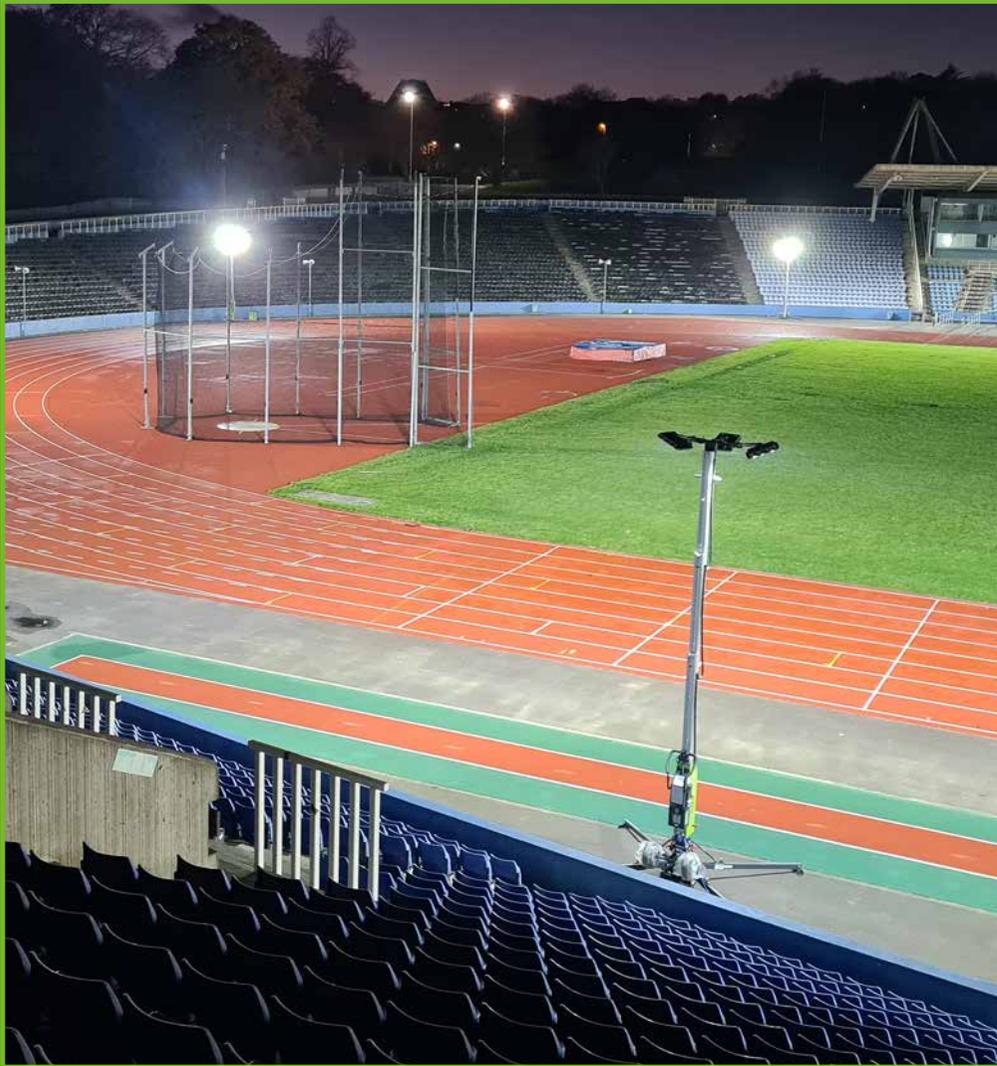
HOCKEY

10 Quad Pods for full pitch



TRACK & FIELD

12 Quad Pods for 400m track



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 storage 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.



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



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. 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.

Accessories

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.

3.5 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



* Duration will 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.



QUAD POD COVER

A high quality waterproof cover to protect the Quad Pod when stored outside. It attaches to the unit and can be tied back out of the way when not in use.



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.



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.



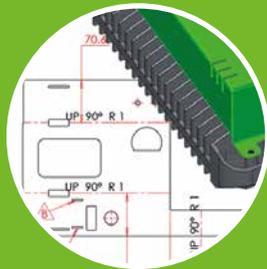
Ritelite (Systems) Limited are a global, market-leading manufacturer, of innovative, professional and industrial mobile and portable area lighting and power systems and class leaders in illumination, performance and power efficiency.

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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