



QUAD POD K65

Mobile Sports Lighting Tower

The Versatile Alternative to Permanent Lighting



www.riteliteportablelighting.co.uk

QUAD POD K65 is an ideal 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 play 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



Need to rotate training across facility over multiple pitches to spread wear from training



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



Need a semi permanent installation that doesn't need to be packed away or stored after each training session but can be easily moved to another facility in the future



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 other areas



Not got enough capacity to train and need to get more pitches and areas lit for winter training

Typical use cases for the **QUAD POD K65**



Clubs



Schools and Universities



Councils



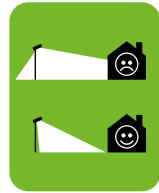
Sports Facility Owners & Managers

Mobile or Semi-Permanent?

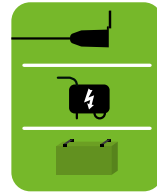
The Quad Pod K65 redefines possibilities for sports lighting. The smarter alternative to permanent floodlights, so you can play anytime, anywhere.



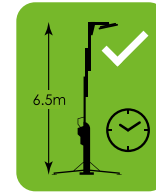
Permanent lighting performance from a mobile system with Ritelite beam controlled focusing



Minimised light pollution. Up to 70% less light spill than typical lighting tower designs - perfect for residential areas



Flexible power options. Runs on lithium batteries, diesel or petrol generators or mains power. 110V & 240V input model options



Fast, one-person setup. Safe and simple to position and deploy on any playing surface, no tools or planning permission required



180° - 360° adjustable light heads to meet all training and use requirements

Mobile

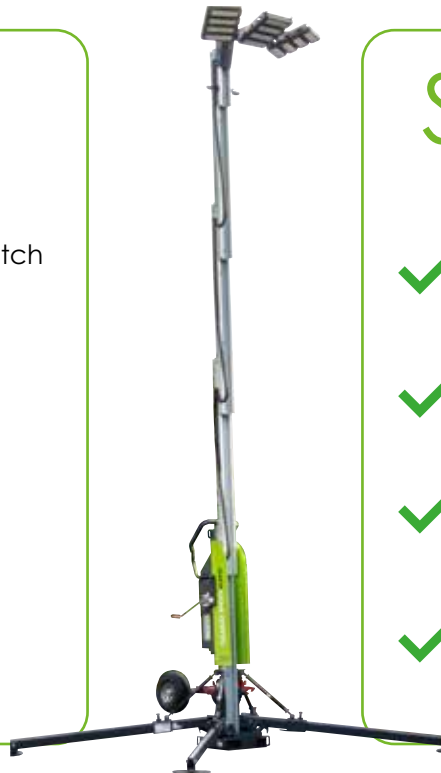
Easily manoeuvred to any area

- ✓ Rotate training areas through the winter to protect pitch surface and maximise training grounds
- ✓ Use for any sport or event wherever outdoor lighting is required
- ✓ Compact and extendable design, small footprint for easy storage and transportation
- ✓ Easily pack away and transport to other sports fields if required

Semi-Permanent

For longer term area flood lighting

- ✓ Similar performance to a permanent flood lighting system, meeting sports facility lighting standards
- ✓ Highly flexible to easily move between pitches or locations. Fits through doors and gateways
- ✓ Planning permission not required in most cases
- ✓ Fast and easy project implementation process typically with significant lower cost. New installations can be up and running within a few weeks



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

RITELITE BEAM CONTROL



Beam controlled light, minimises light pollution

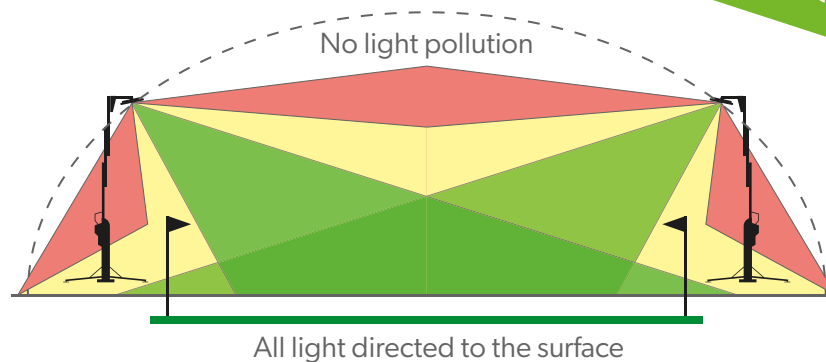


Designed for any outdoor sports application



Fully dimmable for optimum control of light output & run time

Ritelite's LED Sports Lighting Products
Designed for maximum light on the playing surface



Example of beam control for sports



Standard light fitting



Beam Control

How many lights do I need?

The number of Quad Pod K65's required depends on the sport being played and the level of light required.

Experience

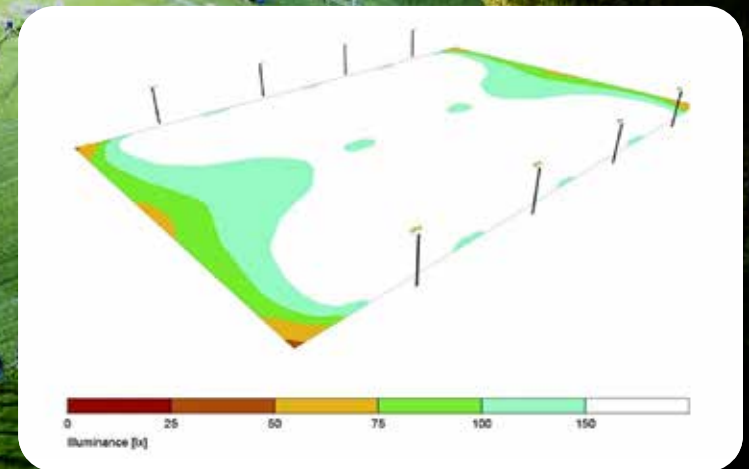
Ritelite's customer support team are highly experienced in recommending the right number and configuration of Quad Pod K65's for every application and sport.

Lighting design

Ritelite's Lighting design team are able to supply lux lighting plots for any set up of Quad Pod K65's to show what the light levels would be on your pitch.

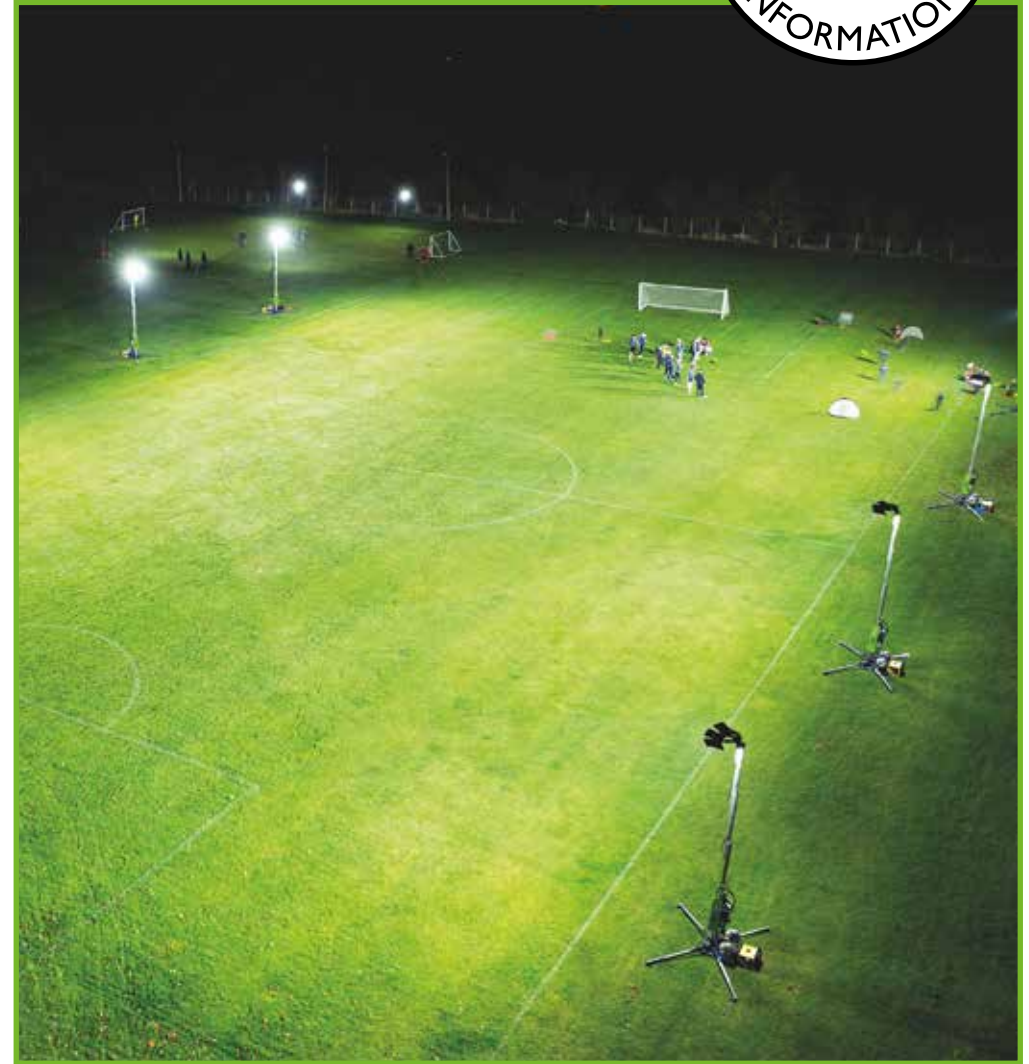
Demonstrations

If you would like to see the Quad Pod K65 in action please get in touch with our sales department to discuss.



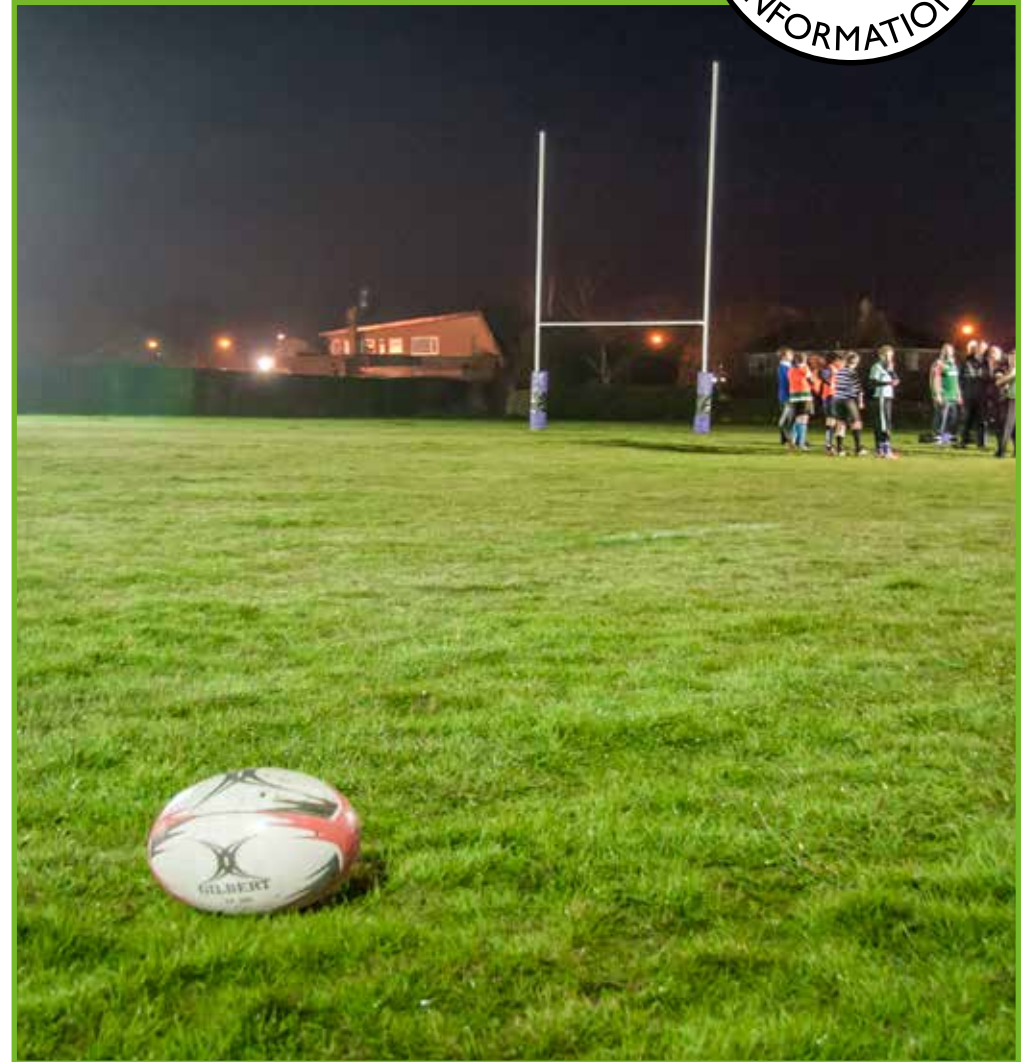
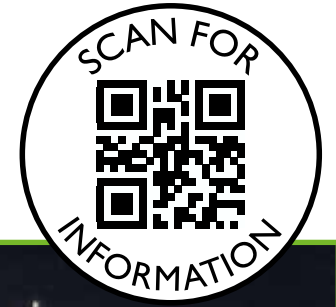
FOOTBALL / SOCCER

6 x K65's for training, 8 x K65's for matches



RUGBY

6 x K65's for training, 8 x K65's for matches



AMERICAN FOOTBALL

6 x K65's for training, 8 x K65's for matches



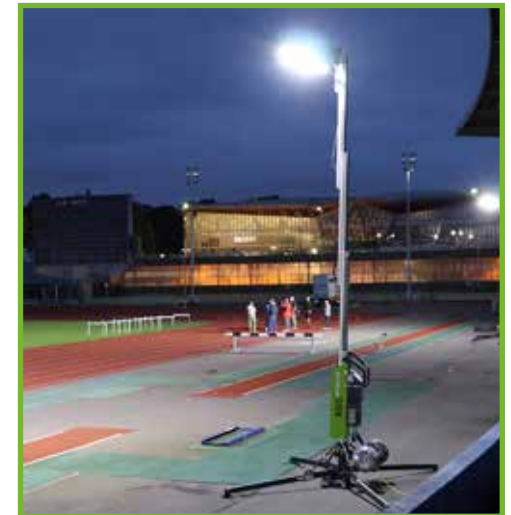
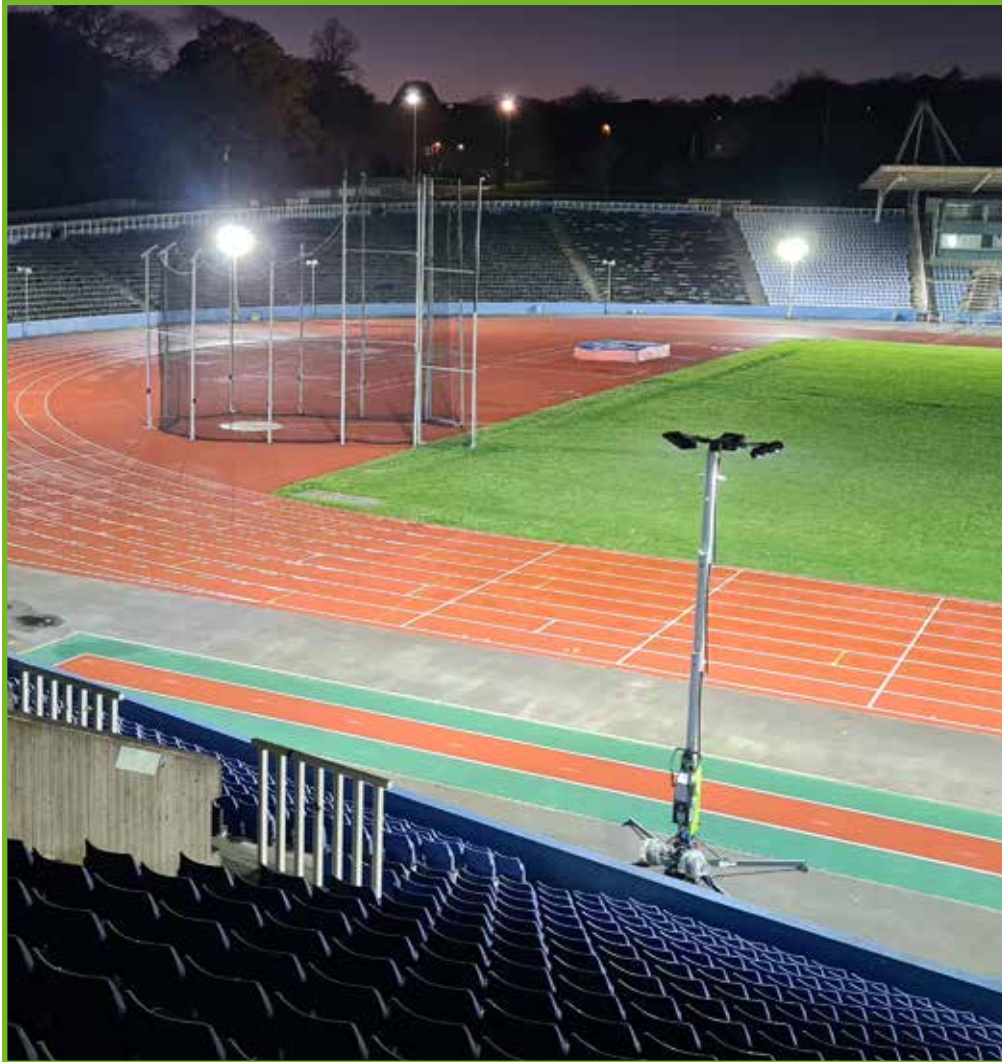
HOCKEY

10 x K65's for full pitch



TRACK & FIELD

12 x K65's for 400m track



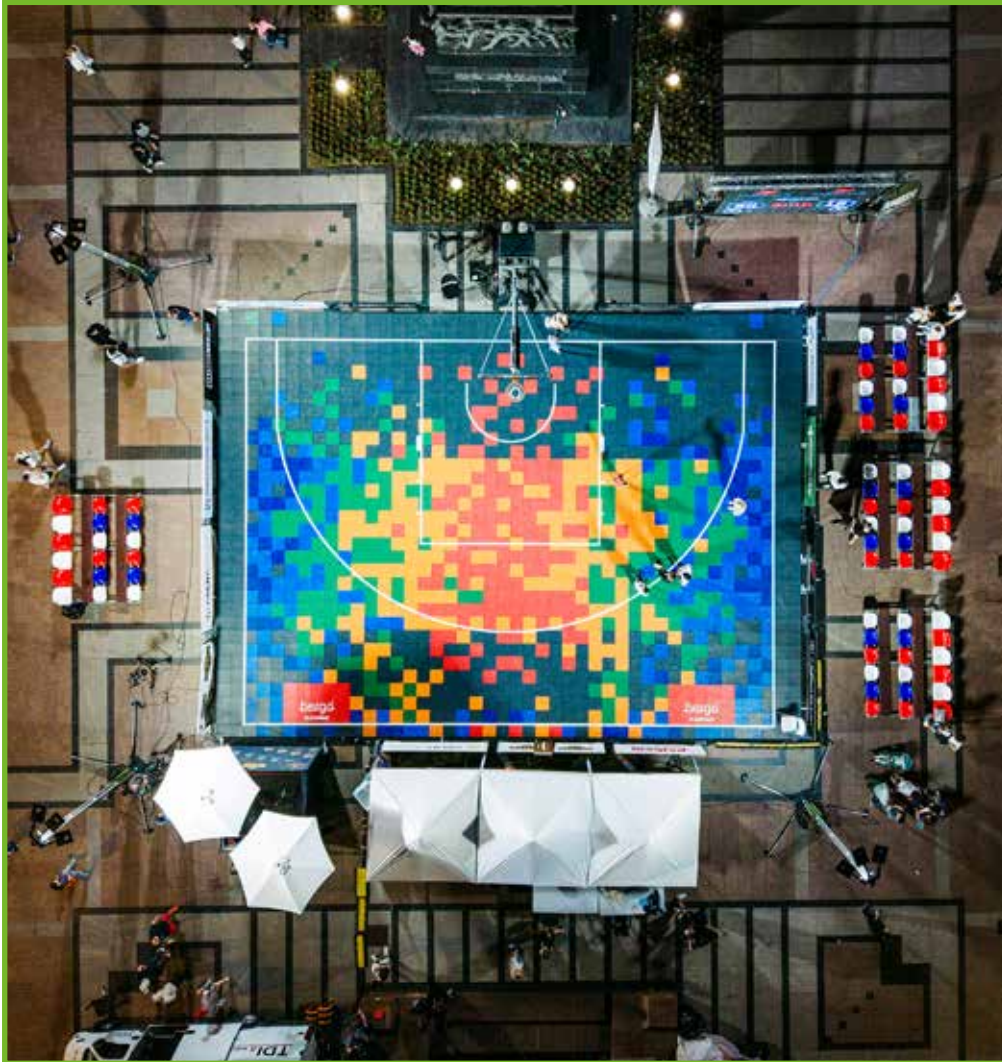
TENNIS

2 x K65's to cover twin court or 4 to cover triple court



3X3 BASKETBALL

2 x K65's per 3 x 3 court. 4 x K65's for televised events



Features & Benefits

Operator Safety



Integrated manual winch with automatic safety brake

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.



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.



Removable wheel kits

For semi-permanent installations to safeguard against theft



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.



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.



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



Pre-aimed 'beam controlled' light heads

Enables optimised illumination and uniformity to be achieved immediately on any playing surface. No on-site adjustment or setup required.



Independently adjustable legs

Rapid to deploy, Independently adjustable legs. Designed to enable maximum stability on all playing surfaces.



Built in level gauge

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



Mains, battery and generator powered

For use with existing power supply equipment. 110V / 240V AC & DC options available



Low pressure wheel / tyres

Designed for easy 1 person manoeuvrability on and off the sports pitch without damage to the playing surface. Quick release wheel kit can be removed in seconds and stored remotely for additional security.

Technical Specifications



- High performance, highly efficient, beam controlled LED light heads
- Option of 6 to 12 light modules per Quad Pod K65
- 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/MK6-L3X4/110V	6.5m	110V	1460W	3	237Kg	1.09 x 0.83 x 1.95m	2.37 x 3.1 x 6.5m
K65/MK6-L3X4/230V	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.

Powering the Quad Pod

QUAD POD K65
 **SPORT+**
48V DC SYSTEM



RITEPOWER
PORTABLE BATTERY POWERED GENERATORS



110V / 240V PETROL / DIESEL GENERATORS



110V / 230V MAINS POWER



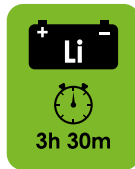
QUAD POD K65

SPORT+

Light any sport, anywhere with the QUAD POD K65 DC battery system for silent, emission free training sessions.



100% standalone battery powered sports floodlighting system to DIN EN 12193 for full size pitches.



Battery powered, silent, fume-free operation – up to 3h 30m duration to meet all training requirements.



Funding friendly. Train without hiring expensive floodlit venues. Low recharge costs.



Waterproof IP65. Robust construction, highly efficient long-life lithium batteries, low maintenance requirements.



Reliable and safe to use - No fuel required. Protection from overload, over heating and over discharge



Multi-function display - Easily view charge status, battery capacity, estimated run or recharge time.



Very portable. Up to 3.5h duration



Easy connection. £1.50 recharge



State of charge display



RITE-POWER

PORTABLE BATTERY POWERED GENERATORS



Do you want the flexibility to power other equipment? Do you need to use the Quad Pod K65 for other uses or events? Ritelite's range of large portable battery powered generators provide reliable, efficient portable power to run the Quad Pod K65 mobile lighting towers for longer training sessions. Available in 110V and 230V and rated IP44 these power banks are available with an optional trolley for easy manoeuvrability across any terrain. Easy and cost effective to charge the RITE-POWER battery generators enable the Quad Pod K65 lighting towers to be used in any location, for any sport and can also be used for powering additional equipment if required.

Purchasing an AC 110V / 240V specification QUAD POD K65 with a RITE-POWER battery generator also ensures the product can be powered by any AC mains supply for alternative uses.



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.

Petrol Generators

Compact, mobile petrol generators suitable for powering Ritelite area LED floodlights including the K65 mobile lighting towers. Suitable for many applications including sports fields, events and construction sites.

Ready to move where power is needed, both units are strong and robust with integrated handles and wheels for manoeuvrability.

* Duration will depend on operating conditions.

3.5KW PETROL GENERATOR

- Electric start
- Rated output 3.0kW
- Fuel capacity 10 litres
- Run time up to 10 hours for one Quad Pod K65 *
- Rated voltage either 110 or 230V
- Noise level 65dBA
- Dimensions 578 x 440 x 510mm
- Weight 45Kg



5.4KW PETROL GENERATOR

- Electric start
- Rated output 5.4kW
- Fuel capacity 27 litres
- Run time up to 13.5 hours for one Quad Pod K65 *
- Will power 2 Quad Pod K65's. Duration depends on brightness setting
- Rated voltage 110/230V
- Noise level 97dBA
- Dimensions 727 x 515 x 670mm
- Weight 94.5Kg



Accessories

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.



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.



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.





K65 PROTECT - QUAD POD PADDING

The K65 Protect – Quad Pod Padding kits are lightweight & waterproof made from polyester reinforced PVC flame retardant material with waterproof expanded PE foam. Quick and easy to install and remove these padding kits provide additional player protection when Quad Pod K65 mobile lighting towers are situated near to run off areas for sports applications due to space restrictions. The K65 Protect padding kits can be retrofitted on existing Quad Pod K65 sports mobile lighting towers and are compatible for use together with the Quad Pod Cover.

Product Options

K65-PROTECT

Standard protection – front and rear protection pads + 2 x leg protection pads for front K65 stability legs

K65-PROTECT360

360° protection – front and rear protection pads + 4 x leg protection pads for all K65 stability legs



Testimonials



“Ritelite have been an extremely knowledgeable and professional business to deal with. The Quad Pod mobile lighting towers supplied to Crystal Palace National Sports Centre, have provided an excellent level of illumination across the stadium allowing training and other activities to be undertaken over the winter period and into the darker evening hours. We are genuinely pleased to have purchased these lighting towers.”

Philip, Crystal Palace National Sports Centre



“We needed something that could light a full size football pitch to host our highly proficient coaching programmes, whilst also having the portability to move lights around, maintaining grass pitches and also as an emergency light source if parts of the school site lost power.”

Paul, Culford School



“We massively needed to extend our training area, and these lights allowed us to have the flexibility to increase the area that we’re training on now by three times the amount.”

Kayota, Epsom & Ewell Colts FC



“Without the lights this event would not be able to take place. It was a fabulous opportunity to host the academy on our own pitch.”

Stewart, Oxford University (OULAFC)





Ritelite (Systems) Limited is a global leading manufacturer of mobile and portable sports lighting and power systems. With over 35 years of experience, we've achieved market leadership through our commitment to innovative, high-performance, efficient sports lighting and power solutions helping enabling thousands of players people to continue to play sport throughout the year without needing permanent lighting.

At Ritelite, we thrive on flexibility and embrace unconventional thinking, leveraging state-of-the-art technologies to in close collaboration closely with our customers to deliver innovative, class leading sports lighting solutions. This partnership approach allows us to continually evolve our product range to meet the ever-changing demands of our valued customers and markets. Our products are engineered to be efficient, flexible, versatile, robust, and highly reliable, ensuring longevity and performance. All Ritelite lighting solutions feature our unique beam-controlled design, delivering maximum useful light where it is needed whilst minimising glare and light pollution.

Our product range also emphasizes eco-consciousness, offering zero-emission, silent-running power solutions through highly efficient lithium batteries battery packs or our innovative RITE-POWER portable battery-powered generators.

With a global dealer network, Ritelite products are used worldwide changing the way clubs and organisations across the world play sport through the darker nights.

Ritelite Products are in use
in over 40 countries



**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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