



QUAD POD K65

Mobile Sports Lighting Tower

The Versatile Alternative to Permanent Lighting



RITELITE
SPORTS LIGHTING

ritelitesports.com

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 organizations who are struggling to continue training and play sport during the winter months for a number of different reasons including:



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



Clubs



Schools and Universities



Councils



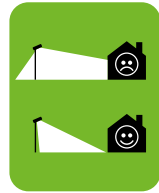
Sports Facility Owners & Managers

Mobile or Semi-Permanent?

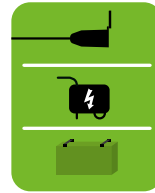
The Quad Pod K65 redefines possibilities for sports lighting. The smarter alternative to permanent floodlights, so you can play anytime, anywhere.



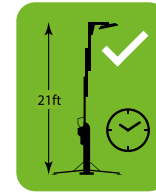
Permanent lighting performance from a mobile system with Ritelite beam controlled focusing



Minimized 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 gas 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

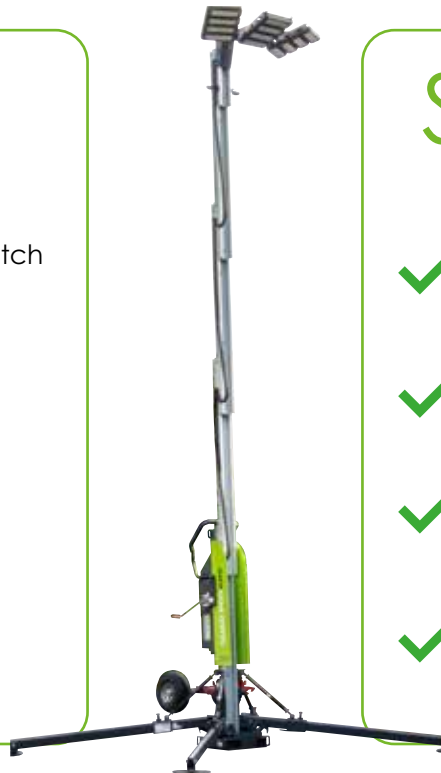
Easily maneuvered to any area

- ✓ Rotate training areas through the winter to protect pitch surface and maximize 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,
minimizes light pollution

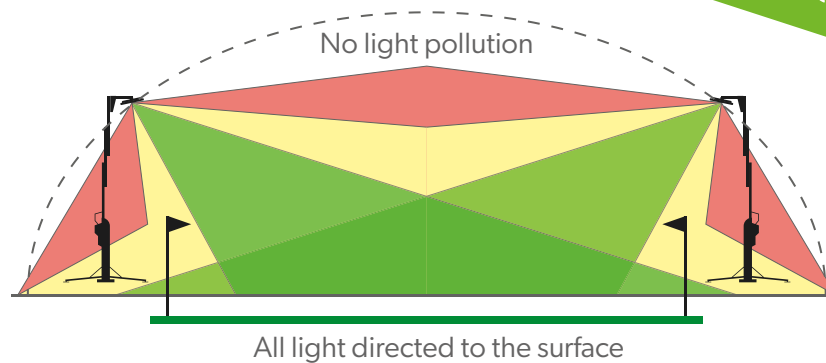


Designed for any outdoor
sports application



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

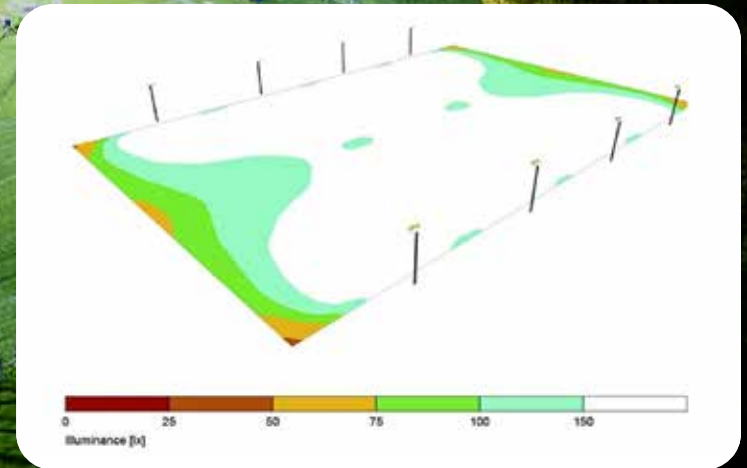
Ritelite's customer support team are highly experienced in recommending the right number and configuration of Quad Pod K65's for every application and sport.

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 field.

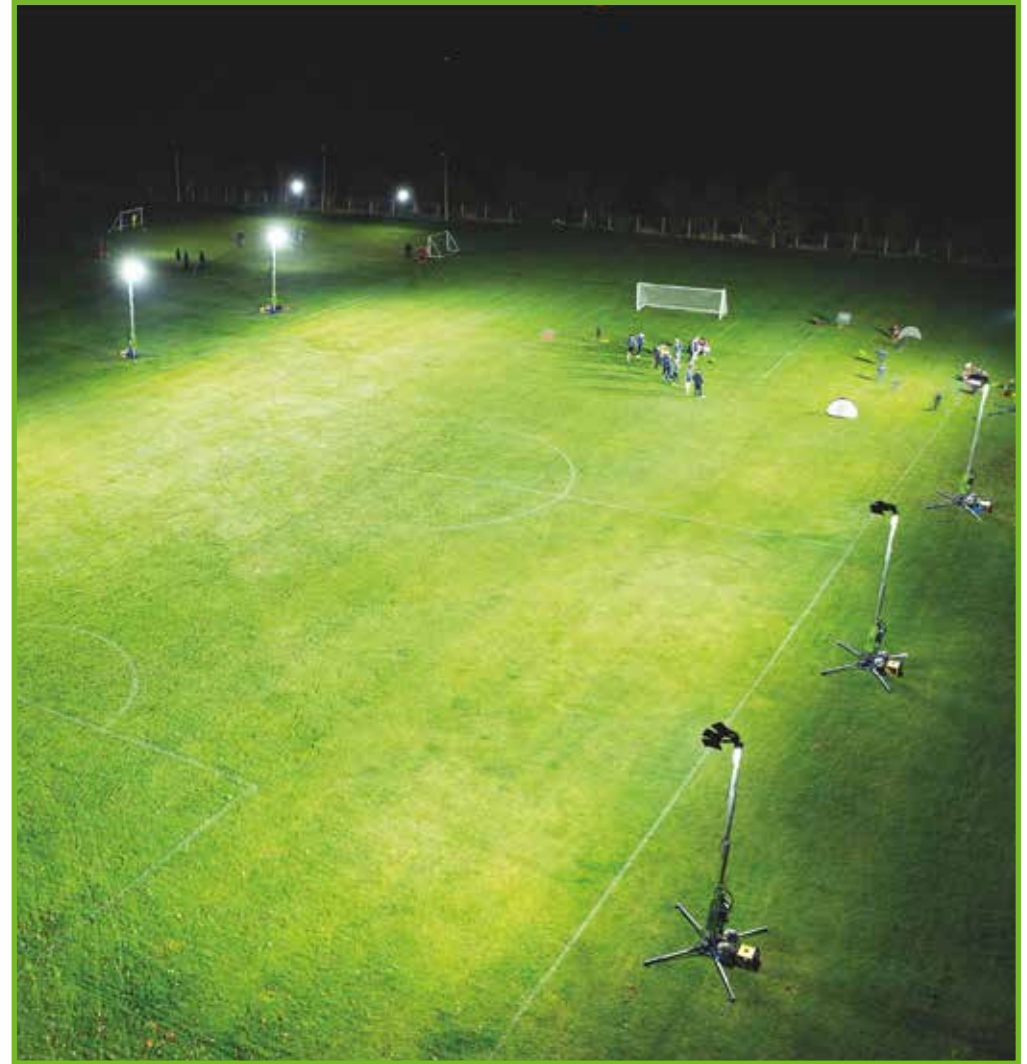
Demonstrations

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



SOCCER

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



RUGBY

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



FOOTBALL

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



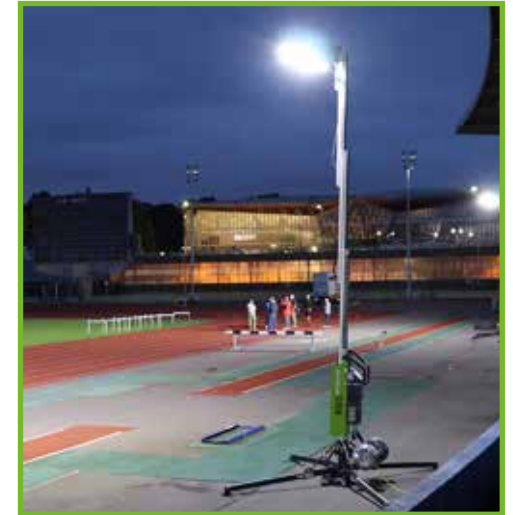
HOCKEY

10 x K65's for full field



TRACK & FIELD

12 x K65's for 400m track



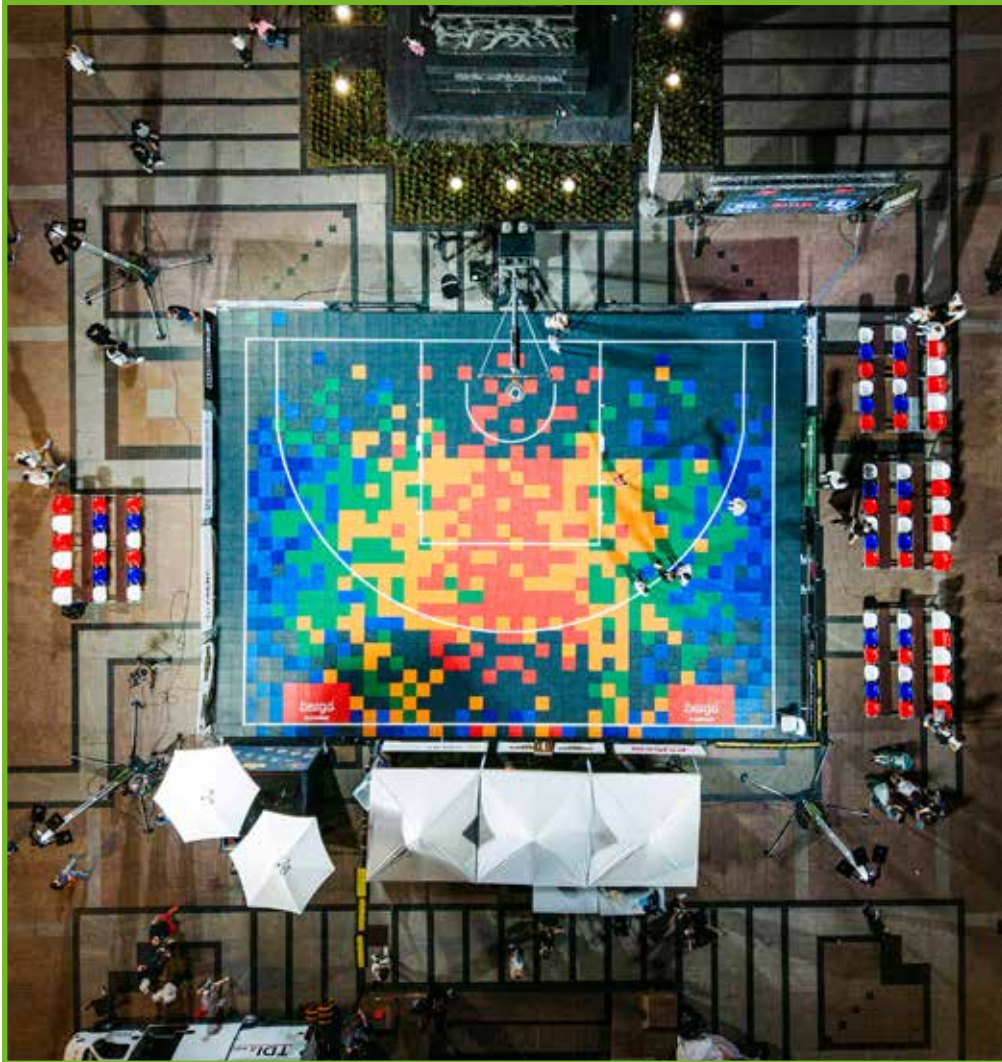
TENNIS

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 center 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 center 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 center of gravity making positioning and handling difficult and potentially unsafe, especially on uneven surfaces.

Features & Benefits



Pre-aimed 'beam controlled' light heads

Enables optimized 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 / tires

Designed for easy 1 person maneuverability on and off the sports field 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 color 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	21.3ft	110V	1460W	3	523 lbs	3.58 ft x 2.72 ft x 6.40 ft	7.78 ft x 10.17 ft x 21.32 ft
K65/MK6-L3X4/230V	21.3ft	240V	1460W	3	523 lbs	3.58 ft x 2.72 ft x 6.40 ft	7.78 ft x 10.17 ft x 21.32 ft

See website for all product options.

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 leveling. 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 field to host our highly proficient coaching programs, whilst also having the portability to move lights around, maintaining grass fields 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 field.”

Stewart, Oxford University (OULAFC)





RITELITE SPORTS LIGHTING

Ritelite Sports Lighting is the specialised sports lighting brand of Ritelite (Systems) Ltd, a UK designer and manufacturer of portable and mobile lighting solutions with over 35 years of engineering, LED lighting and battery technology experience.

Our innovative sports lighting systems help clubs, schools, universities and sports organizations maximize the use of their outdoor facilities throughout the darker autumn and winter evenings by extending training, increasing participation and creating additional training areas without the limitations of permanent floodlighting. From portable training lights to mobile and semi-permanent sports lighting towers, our products are designed to meet the changing needs of modern sport.

Working closely with our customers, we continue to develop high-performance sports floodlights that are efficient, reliable and quick and easy to deploy and use. Every Ritelite sports lighting system features our unique beam-controlled lensing, delivering maximum useful light onto the playing surface while minimizing light pollution to the surrounding area.

Designed and manufactured in the UK, and sold globally through our extensive dealer network, Ritelite Sports Lighting products are trusted by organizations worldwide across football, rugby, tennis, netball, athletics, and many other sports, helping maximize the use of sports facilities throughout the year, training more players for longer.

Ritelite Products are in use
in over 30 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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