



Sports Lighting

Kingfisher
Exterior Lighting



Sports Lighting



Kingfisher Sports Lighting

Kingfisher Lighting is a leading manufacturer and supplier of exterior lighting equipment. For over 25 years we have offered a high quality approach to the design of exterior lighting systems. Our design engineers use the AGi32 Lighting Software to produce illumination drawings and complex visualisations.

Sports Lighting Specialists

Our Sports Lighting specialists can offer guidance and advice on all aspects of your installation. Our project engineers will guide you through planning, lighting and electrical design offering the highest levels of customer service. We have the products and expertise to design for any sporting application from Multi-use games areas to international stadia.

Installation

If you need installation services we offer the best solution to suit your budget. We can offer a full package including groundwork, cabling, mast installation and floodlight commissioning. All work is undertaken by experienced and qualified installers to the highest standards of workmanship.

Quality Assured

At Kingfisher Lighting we are committed to maintaining high standards, we are an ISO9001 registered company and an active member of ILP, SAPCA and HEA. We are also committed to our staff, we have been a participant of 'Investors in People' since 1977 and ensure that our employees are qualified to the highest standards.

Peace of Mind

We only supply quality equipment, that's why we have the confidence to offer a 5 year lamp and gear guarantee. For complete peace of mind we can fully maintain your lighting system, details of maintenance packages are available upon request. Relax you are in safe hands!



Call the professionals!

As a responsible and professional company Kingfisher Lighting is an approved member of the **Sports and Play Contractors Association** and works to a strict code of practice ensuring a high standard of design & installation.



Sports columns

Sports Columns

At Kingfisher we offer sports lighting columns for any situation or budget.

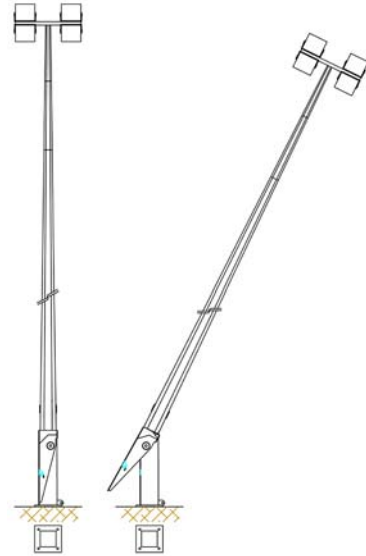
Base-hinged column

Base-hinged columns are designed to offer cost effective and safe maintenance of luminaires. They are accessed using a failsafe lowering device allowing maintenance to be carried out safely at ground level. They are particularly suitable for sites where access is tight and mobile platforms cannot be used.

Typical heights - 12m to 20m. Bespoke designs are available upon request.



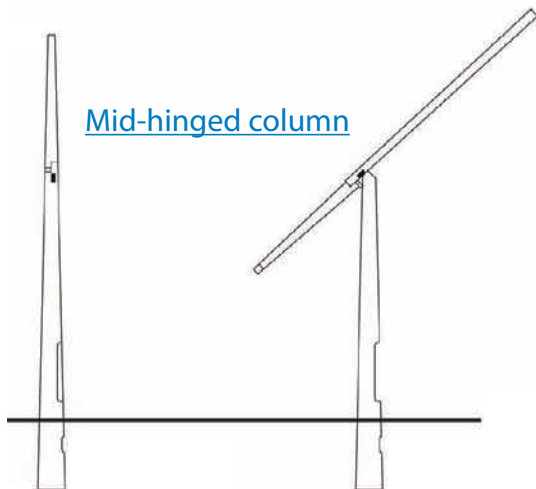
[Base-hinged column](#)



Mid-hinged column

Mid-hinged columns are hinged at the mid point of the mast and are lowered either manually using a rope or mechanically using a winch. They offer a safe lowering system for Multi-Use-Games-Areas or Tennis Courts.

Typical heights - 8m to 12m.



[Mid-hinged column](#)



Fixed Column

Fixed columns provided a cost effective lighting solution for any sporting application. They are available in wide range of heights with many bracket options.

Typical Heights – 8m to 15m(Tubular) 15m to 35m (multi-sided) – Bespoke designs are available upon request.

[Fixed column](#)

Scorpius

A high performance, asymmetric floodlight suitable for the side lighting of small to medium sized sports facilities.

- Die cast aluminium body.
- Precision reflector in high purity aluminium.
- 5mm toughened front safety glass IK09.
- Retaining gasket in silicon providing ingress protection to IP65.
- Patented IP66 anti vacuum in polyamide.
- Hot dipped galvanised steel mounting stirrup.
- Remote control gear.
- Versatile cowl system in aluminium finished polyester powder coating.
- Narrow beam & medium beam optics available to maximise design.
- Rear access to lamp chamber - no need to adjust the flood or remove the glass front for a lamp change.

Efficiency

The high efficiency of the luminaire is achieved by the use of high quality high purity aluminium reflectors and high transmission clear glass, providing a coefficient light transmission >90%. The angle of incidence of the 45° maximum beam intensity reduces the reflected light and provides higher light transmission compared to fittings with higher angles of incidence

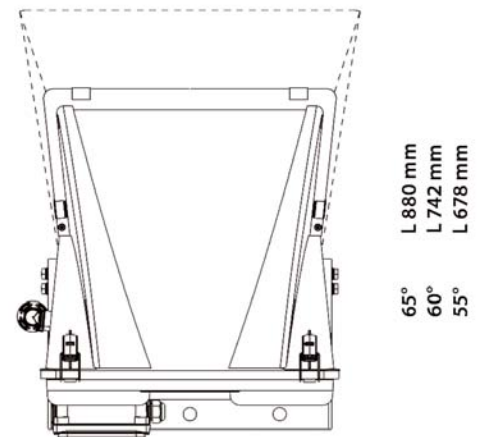


Photometric flexibility

Available with broad and narrow distribution reflectors, and a wide range of high performance lamp options, provides the lighting designer with the photometric flexibility to satisfy a variety of lighting applications for general area and professional sports lighting.



65° L 665 mm
60° L 586 mm
55° L 555 mm



Total control of light pollution

For applications with stringent criteria over the permissible level of light pollution, the Scorpius range offers three external cowl options to maintain full cut off of upward light whilst still achieving a maximum main beam at 55°, 60° and 65°.



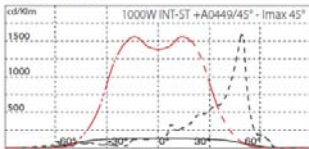


Fast installation and easy maintenance

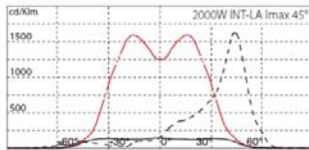
Quick and easy installations and adjustments are provided by a single adjustment screw and goniometer on the standard mounting bracket. **Rear access** to lamp chamber provides easy lamp replacement without the need to move or adjust the floodlight from its focused position, or even remove the glass.



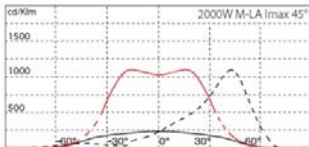
1000 - INT / M



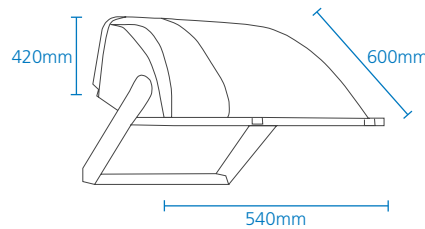
2000 - INT



2000 - M



Dimensions



Weight & Windage (max in range)

Weight
18.7kg

Windage
0.20m²

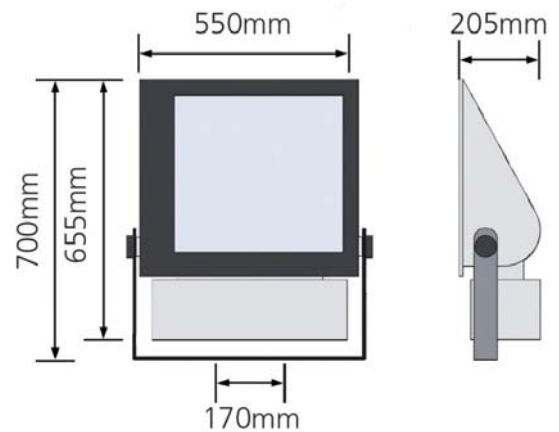
Code	Lamp Wattage	Lamp Type	Lamp Cap	Lamp Style	Lamp Lumens	Optic	CCT K	Fuse Cut Out	Breeam Compliance			Energy Efficiency
									Pathways SON (60) MH (50)	Car Parks SON (80) MH (70)	Flood SON (80) MH (70)	
High Pressure Sodium												
FS7.1000ST/MGT	1000W	SON	E40	Tubular	130000	Asymmetrical	2500	-	✓	✓	✓	*****
FS7.1000ST/NGB	1000W	SON	E40	Tubular	130000	Asymmetrical	2500	-	✓	✓	✓	*****
Metal Halide												
FS7.1000HT/MGB	1000W	MH	E40	Tubular	110000	Asymmetrical	4000	-	✓	✓	✓	****
FS7.1000HT/MGT	1000W	MH	E40	Tubular	110000	Asymmetrical	4000	-	✓	✓	✓	****
FS7.1000HT/NGB	1000W	MH	E40	Tubular	110000	Asymmetrical	4000	-	✓	✓	✓	****
FS7.1000HT/NGT	1000W	MH	E40	Tubular	110000	Asymmetrical	4000	-	✓	✓	✓	****
FS7.2000/XL/K12/MGB	2000W	MH	Cable Ended	Tubular	240000	Asymmetrical	4000	-	✓	✓	✓	****
FS7.2000/XL/K12/MGT	2000W	MH	Cable Ended	Tubular	240000	Asymmetrical	4000	-	✓	✓	✓	****
FS7.2000/XL/K12/NGB	2000W	MH	Cable Ended	Tubular	240000	Asymmetrical	4000	-	✓	✓	✓	****
FS7.2000/XL/K12/NGT	2000W	MH	Cable Ended	Tubular	240000	Asymmetrical	4000	-	✓	✓	✓	****

Codes ending in GB = Gear mounted in an IP rated enclosure. Codes ending in GT = Gear mounted on a gear tray.

Carina 1000w

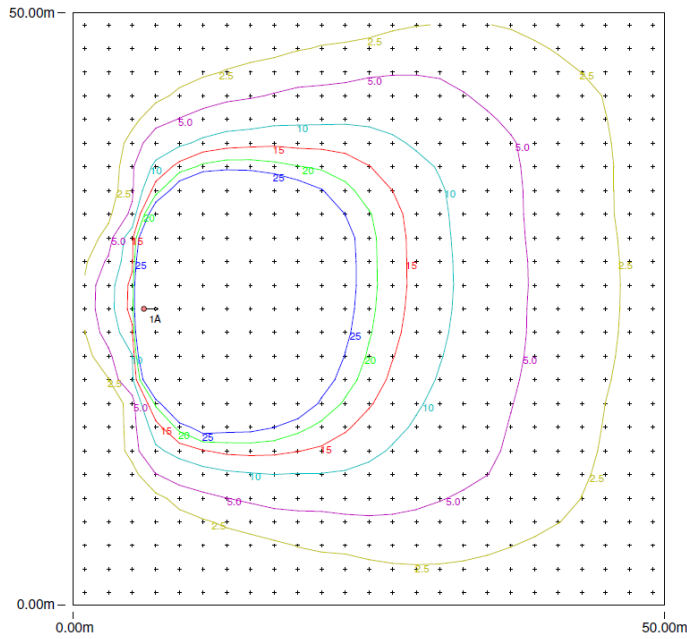
General purpose floodlight with controlled distribution

- Wide choice of lamp and gear packages - available in SON or Metal Halide in 1kw fitting
- Die-cast aluminium, finished in polyester powder coating.
- Formed high purity aluminium reflector.
- Access to optic, lamp and control gear via a quick release tool-less catch.
- Sealed to a minimum IP rating of IP65.
- The luminaire shall be insulated to Class 1 and be suitable for use with HID light sources.
- Standard product features include ULOR of <10%.
- Options available include photo-electric cell.
- Finished as standard in RAL 7016, Anthracite grey





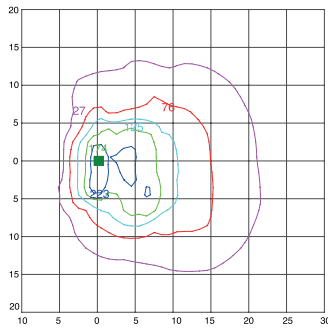
Horizontal Illuminance (lux)



CFA1000H @ 10m

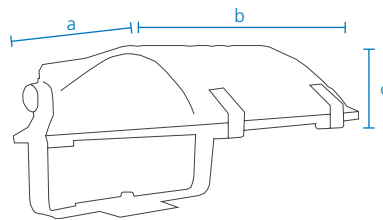


Isolux Diagram



(Scale in metres)

Dimensions



Dimensions = a x b x c

1000w = 655 x 550 x 205mm

Weight & Windage (max in range)

Weight
26.5kg

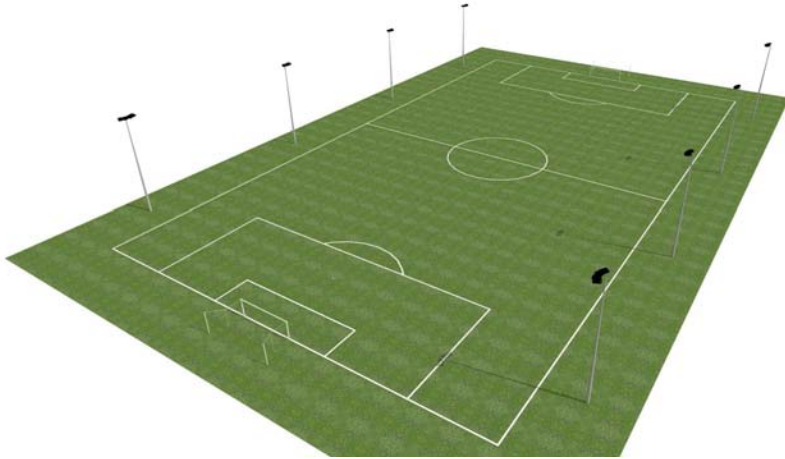
Windage
0.2m²

Code	Lamp Wattage	Lamp Type	Lamp Cap	Lamp Style	Lamp Lumens	Optic	CCT K	Fuse Cut Out	Breeam Compliance			Energy Efficiency
									Pathways SON (60) MH (50)	Car Parks SON (80) MH (70)	Flood SON (80) MH (70)	
High Pressure Sodium												
CFA1000SKG	1000W	SON	E40	Tubular	130000	Asymmetrical	2500	FCO20	✓	✓	✓	*****
Metal Halide												
CFA1000HKG	1000W	MH	E40	Tubular	110000	Asymmetrical	4000	FCO20	✓	✓	✓	**
CFA1000H65KG	1000W	MH	E40	Tubular	110000	Asymmetrical	4000	FCO20	✓	✓	✓	***

Sports Lighting Schemes

Kingfisher Lighting have a wide range of standard sports lighting schemes covering all of the popular sports at various levels of play. These will provide you with a useful guide to quickly determine your needs. Please quote the design reference when requesting a quote.

Football (100m x 65m)



Class 1 (Training / Local & Regional Competition)

Lighting Level	500 Lux Maintained
Mast	8 x 15m
Floodlighting	28 x Scorpius
Lamp	2 KW Metal Halide

Design Reference **FP815282**

Football (100m x 65m)

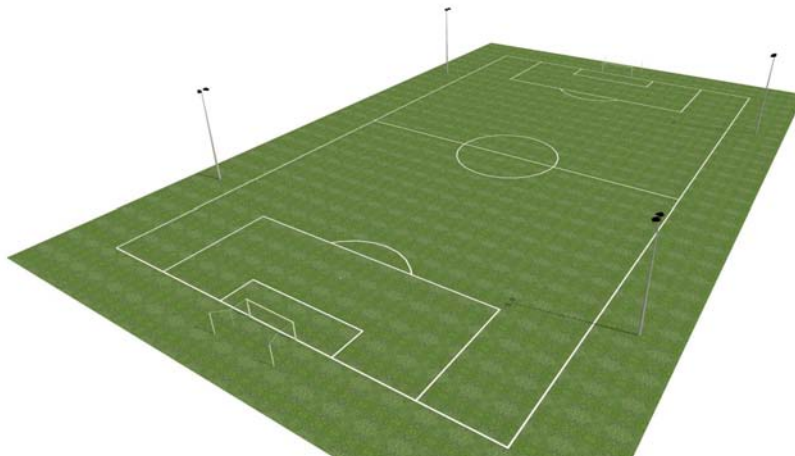


Class 2 (Training / Local & Regional Competition)

Lighting Level	200 Lux Maintained
Mast	6 x 15m
Floodlighting	12 x Scorpius
Lamp	2 KW Metal Halide

Design Reference **FP615122**

Football (100m x 65m)

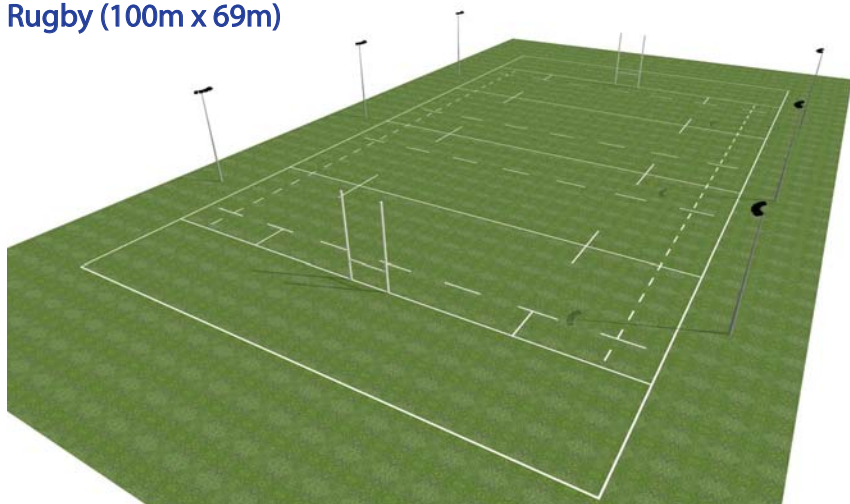


Class 3 (Training / Local & Regional competition)

Lighting Level	75 Lux Maintained
Mast	4 x 15m
Floodlighting	8 x Scorpius
Lamp	2 KW Metal Halide

Design Reference **FP41582**

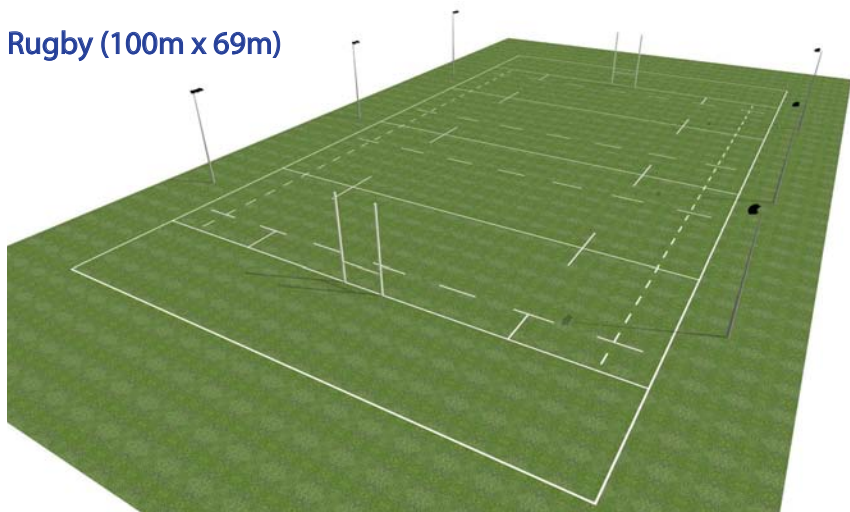
Rugby (100m x 69m)



Class 1

Lighting Level	500 Lux Maintained
Mast	6 x 15m
Floodlighting	30 x Scorpius
Lamp	2 KW Metal Halide
Design Reference	RP615302

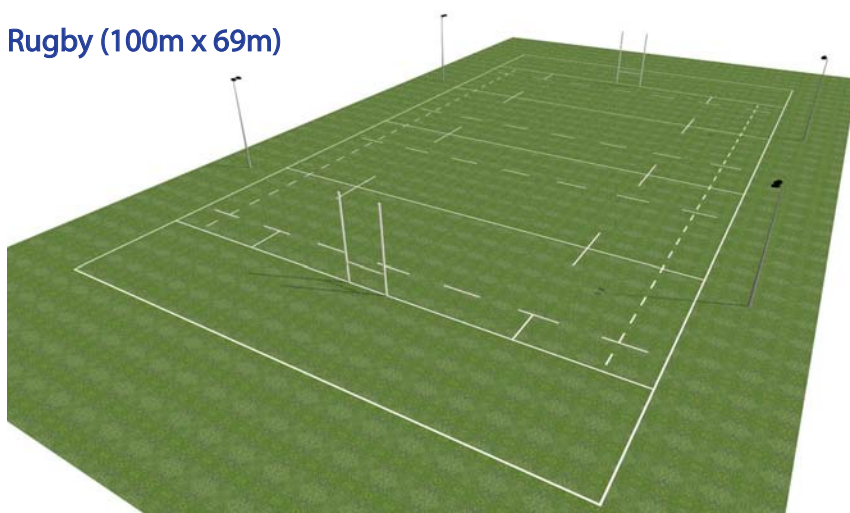
Rugby (100m x 69m)



Class 2 (6m x 15m)

Lighting Level	200 Lux Maintained
Mast	6 x 15m
Floodlighting	16 x Scorpius
Lamp	2 KW Metal Halide
Design Reference	RP615162

Rugby (100m x 69m)



Class 3 (Recreational/School Sports)

Lighting Level	75 Lux Maintained
Mast	4 x 15m
Floodlighting	8 x Scorpius
Lamp	2 KW Metal Halide
Design Reference	RP41582

Sports Lighting Schemes



Class 1 (Training / Local & Regional Competition)

Lighting Level	750 Lux Maintained
Mast	8 x 15m
Floodlighting	40 x Scorpius
Lamp	2 KW Metal Halide

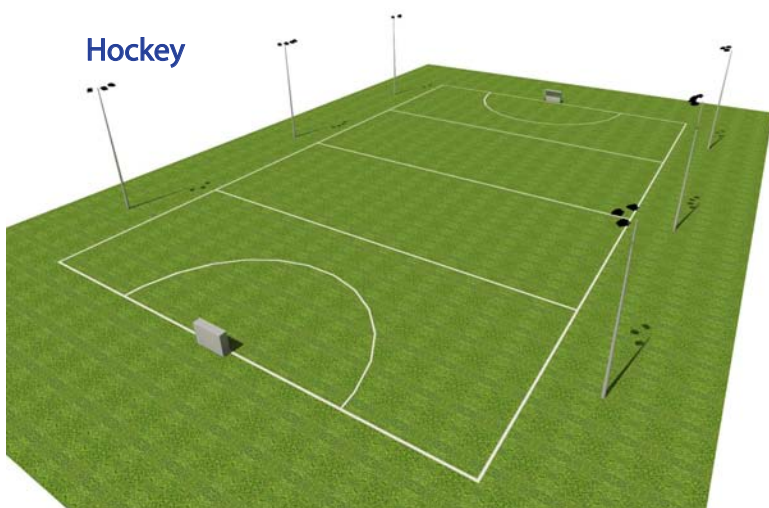
Design Reference **HP815402**



Class 2 (Training / Local & Regional Competition)

Lighting Level	500 Lux Maintained
Mast	8 x 15m
Floodlighting	24 x Scorpius
Lamp	2 KW Metal Halide

Design Reference **HP815242**



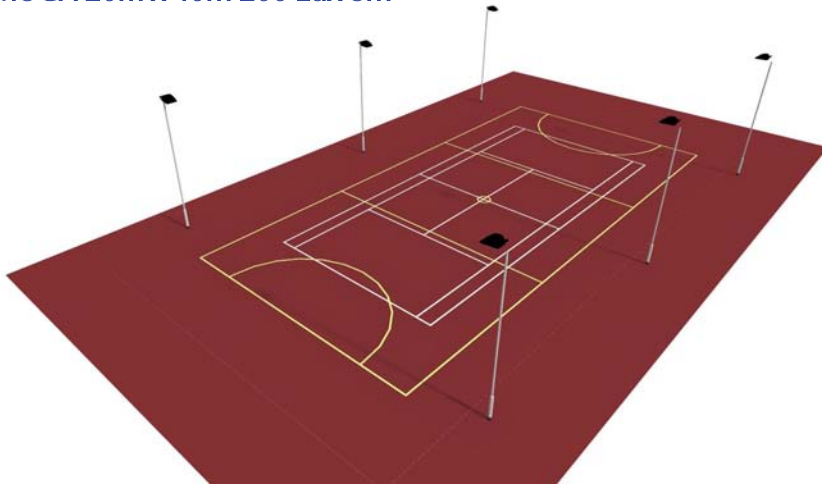
Class 3 (Training / Local & Regional Competition)

Lighting Level	300 Lux Maintained
Mast	6 x 15m
Floodlighting	20 x Scorpius
Lamp	2 KW Metal Halide

Design Reference **HP615202**



MUGA 20m x 40m 200 Lux 8m

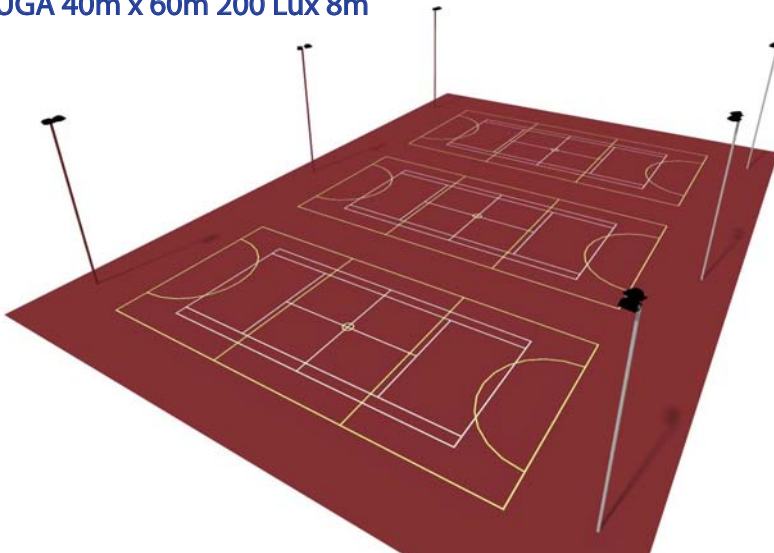


Sport England
(Five-a-side, football training, athletics training)

Lighting Level	200 Lux Maintained
Mast	6 x 8m
Floodlighting	6 x Carina
Lamp	1 KW Metal Halide

Design Reference **MU6861**

MUGA 40m x 60m 200 Lux 8m

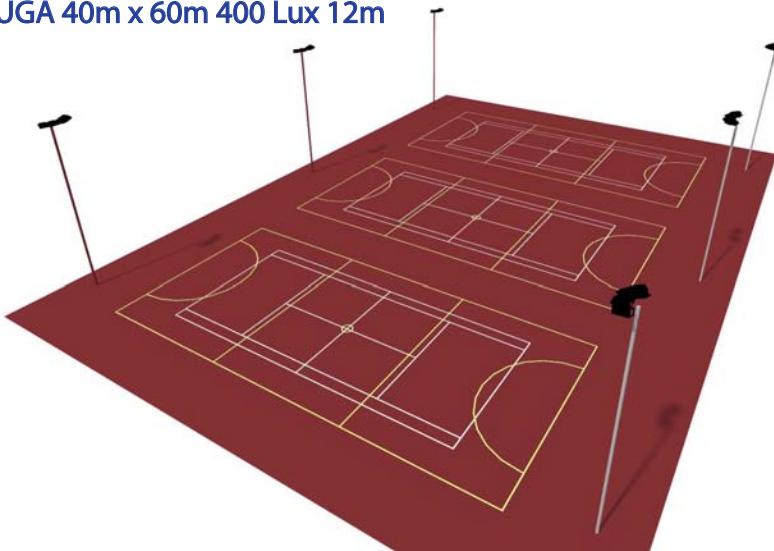


Sport England
(Five-a-side, football training, athletics training)

Lighting Level	200 Lux Maintained
Mast	6 x 8m
Floodlighting	12 x Carina
Lamp	1 KW Metal Halide

Design Reference **MU68121**

MUGA 40m x 60m 400 Lux 12m



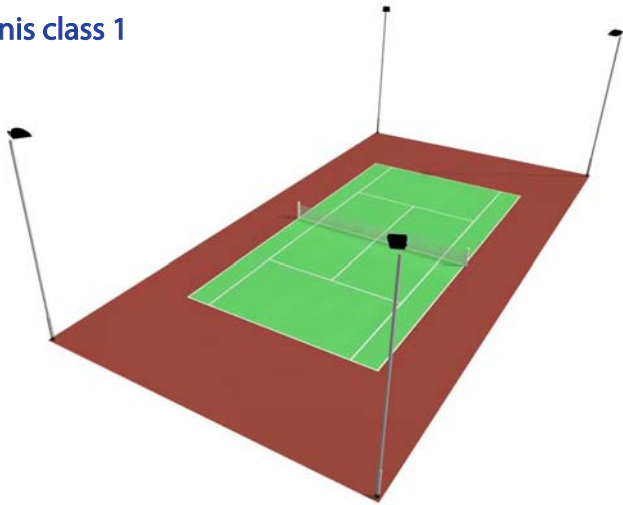
Sport England
(Five-a-side, football training, athletics training)

Lighting Level	400 Lux Maintained
Mast	6 x 12m
Floodlighting	24 x Carina
Lamp	1 KW Metal Halide

Design Reference **MU612241**

Sports Lighting Schemes

Tennis class 1

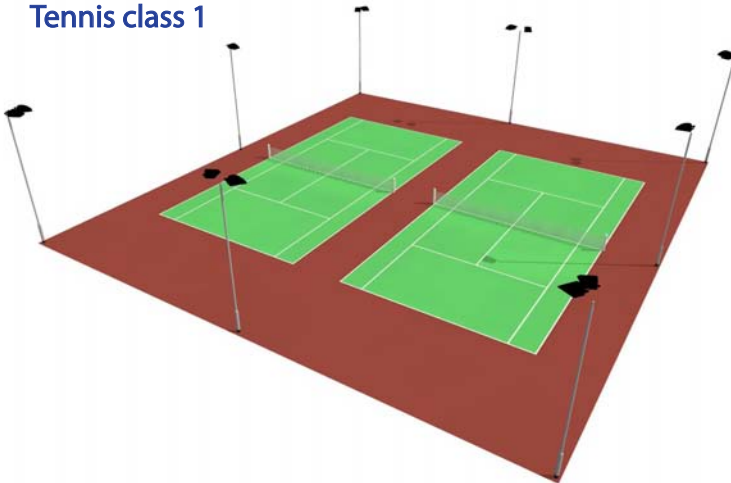


LTA (Minimum Playing Requirements)

Lighting Level	500 Lux Maintained
Mast	4 x 10m
Floodlighting	1 x Scorpius
Lamp	2 KW Metal Halide

Design Reference **TC41012**

Tennis class 1

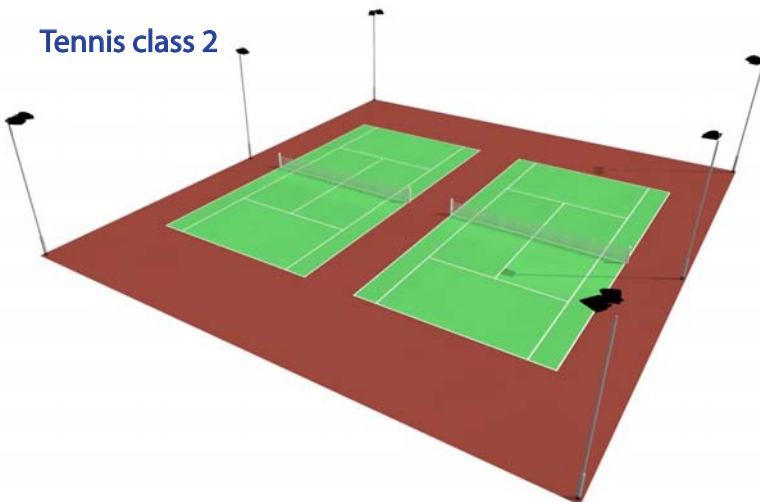


LTA (Minimum Playing Requirements)

Lighting Level	500 Lux Maintained
Mast	8 x 8m
Floodlighting	14 x Carina
Lamp	1 KW Metal Halide

Design Reference **TC88141**

Tennis class 2



LTA (Minimum Playing Requirements)

Lighting Level	300 Lux Maintained
Mast	6 x 8m
Floodlighting	10 x Carina
Lamp	1 KW Metal Halide

Design Reference **TC68101**

Can't see your sports facility or design?

Give our lighting designers a call or email today to discuss many alternative options available for all of the schemes listed, plus others such as equestrian menages, netball courts, athletics stadia and many more. **01623 415900** or **LD@kingfisherlighting.com**

Sports Lighting Design

Sports Lighting Design

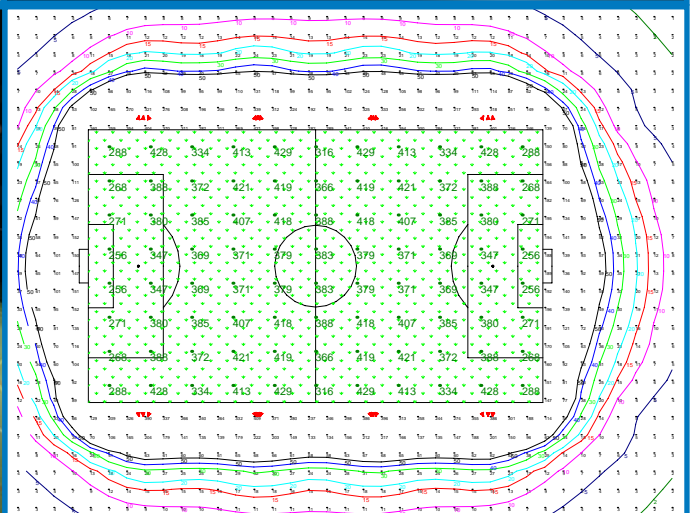
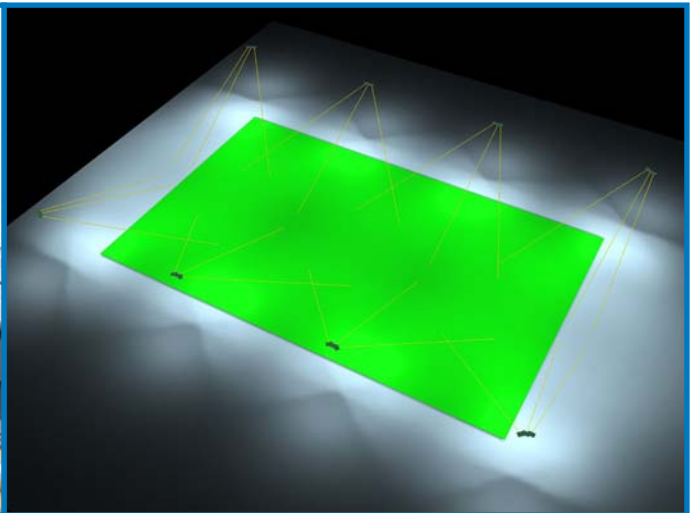
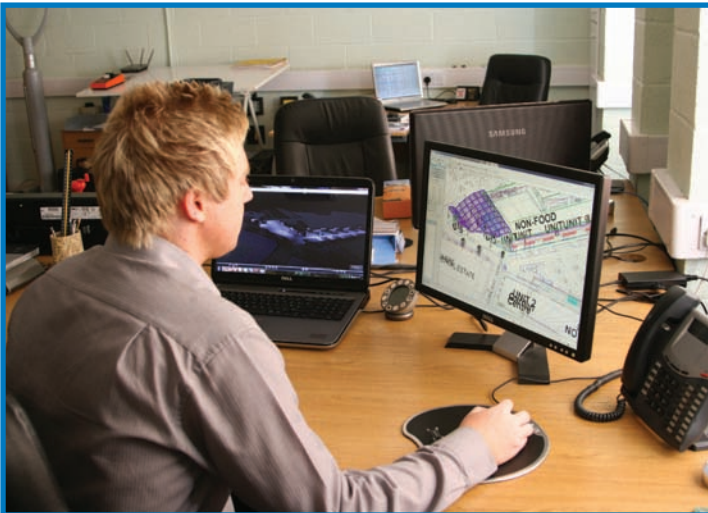
Sports lighting design is a specialised aspect of exterior lighting design. Our Sports Lighting Team includes a dedicated Sports Lighting Manager with experience in all facets of design and installation.

From your initial enquiry we can help you through every step of your project, including planning applications, impact assessments, lighting designs and electrical calculations. Using the latest design software we can produce detailed lighting designs and complex visualisations for any sport.

We also look after your neighbours, our environmentally friendly floodlights use the latest reflector technology and are designed to reduce obtrusive spill light. Being environmentally friendly is also better for your pocket, reduced overspill increases system efficiency and reduces energy bills.

Contact us today for a free design and quotation.

Tel 01623 415900 or LD@kingfisherlighting.com



Lighting the whole package



SAPCA is the recognised trade association for the sports and play construction industry in the UK.

Why choose SAPCA members for your sports project?

- SAPCA membership signifies professional competence and performance, which directly benefits customers that choose member companies for their projects.

- Strict admission criteria ensures that contractors have the necessary expertise, experience and quality of workmanship.

- Standards of construction - SAPCA members must comply with construction specifications and standards for completed work, as detailed in SAPCA's various codes of practice.

- Code of professional conduct - All SAPCA members are committed to high standards of customer service and business practice.

- Technical mediation and impartial assistance in the resolution of complaints and disputes, if necessary, between principal contractors and their clients.



Have you thought about your exterior lighting needs of the rest of your site?

Whether it's a club house, changing room block, car park or general pathway lighting, Kingfisher can create and design your ideal solution.

From street lamps to wall mounted bulkheads, our range of exterior luminaires will complete any external job, whatever your price or specification.

Give our internal sales team a call today to discuss your lighting requirements!

01623 415900
sales@kingfisherlighting.com





Kingfisher Lighting have a range of specialist delivery vehicles that can cover the whole of the UK to ensure your lighting project is delivered safely and on time.

Our vehicles have **professional lifting equipment** that allows our drivers to off-load large items and columns quickly and safely.

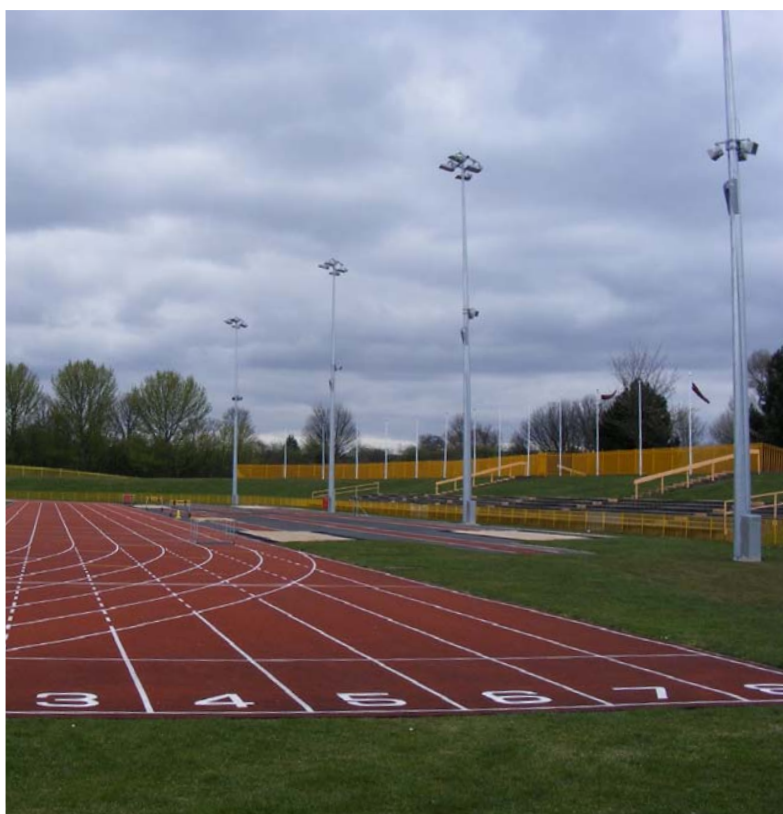
The newly fitted cranes (on the Artic and Rigid) greatly reduce time on site and are **operated remotely**

to comply with the ever-increasing demands for safe working on all building sites.

All Kingfisher vehicles are fitted with trackers to enable detailed and accurate delivery information for our customers

Kingfisher delivery vehicles are maintained to the highest of standards, and are now more fuel-efficient using the very latest engines and lightweight chassis developed by DAF and Mercedes, as well as being Euro V compliant.





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