

# EVOLUTION IN SPORT LIGHTING

[www.armadilloledlighting.com](http://www.armadilloledlighting.com)

---



# EVOLUTION IN SPORT LIGHTING

[www.armadillolighting.com](http://www.armadillolighting.com)



The most common requests that we have from sport clubs are:

- Minimal Glare
- Low Maintenance
- Reduced Light Pollution

*Our Sport & Stadium Floodlight  
is specifically designed around these 3 key features  
to give you the best possible results  
whilst maintaining the traditional floodlight appearance.*



# EVOLUTION IN SPORT LIGHTING

[www.armadillolighting.com](http://www.armadillolighting.com)



## TESTIMONIALS

"Woolpit Tennis Club are an active village club with around 150 members, playing social and league tennis year-round in Suffolk. Having struggled along for many years with ineffective floodlights on their 4 asphalt courts the committee decided to upgrade to LED lighting. The metal halide lamps that had provided lighting for over 20 years were costly to maintain and obtaining lamps was proving more and more difficult. Ray Gough, the Chairman of Woolpit Tennis Club who is also tasked with maintenance contacted Armadillo Lighting who surveyed the courts and provided a report including computer modelling which showed that with correct installation the Club could still use the existing towers and by simply replacing the existing 16 x 1,000 watt heads with Armadillo 400 watt LED luminaires the light levels would be improved dramatically and be more even across each court, with very little overspill (important for local residents) Ray chose Armadillo to both supply and install the LED Luminaires and the work was carried out over 2 very cold, snowy days in late January. The difference in light level is quite remarkable, but the real difference is the even spread of light across each court (members can no longer use the excuse of not being able to see the ball as an excuse for a poor shot). It is also a huge bonus that the lights come on instantly, no 10 minute warm up or cool down periods like the old set up. There is an obvious cost saving in power consumption, though that is not the most important issue for Ray and the Woolpit committee. The real benefits come from better, more even lighting with an extended warranty, Armadillo being so confident of their product. The LED's have been met with unqualified approval from members and from visiting teams who have also commented on how good the lights are and will be seeking to upgrade themselves soon as metal halide lamps may soon be scaled back or even ended by the EU and other world bodies in the name of efficiency."

**Ray Gough**

*Chairman of Woolpit Tennis Club*

"Armadillo are a complete pleasure to work with. Efficient and responsive without being pushy. First-class Sales and Technical support throughout. We swapped our ageing Metal Halide for LED floodlighting saving 60% on power consumption for higher performance."

**David Pain**

*Vice-chairman of Kirby Tennis Club*

"Since the new LED has been installed the tennis have complemented on how the quality of lighting has been. They feel it has enhanced their playing experience, as they feel the colours of everything look much more real than before, this is important in such a fast action game. They also like how they can turn them on/off/ on with out the need to wait for the light to cool down like the old ones. Visitors from other clubs often comment on the quality of light. Another benefit we have found is that the neighbours surrounding our club, do not complain about light pollution anymore. I think this is due to the more directional lighting. With the money we are saving weekly, we are hoping to get the remaining of our court lighting changed"

**Shaun Littleton**

*Vice-chairman of Bush Hill Park Bowls & Tennis Club*






# EVOLUTION IN SPORT LIGHTING

[www.armadillolighting.com](http://www.armadillolighting.com)



## SPORT FLOOD LIGHT - **SPFL**

**SPFL** 100W-800W

 UK MANUFACTURED

### **LOW GLARE, LOW HEAT**

Unique optics and highly efficient reflectors provide very low glare at  $UGR > 19$ . Multiple aluminum heat syncs ensure the luminaire stays at a low temperature even with extensive usage

### **WATTAGE OPTIONS**

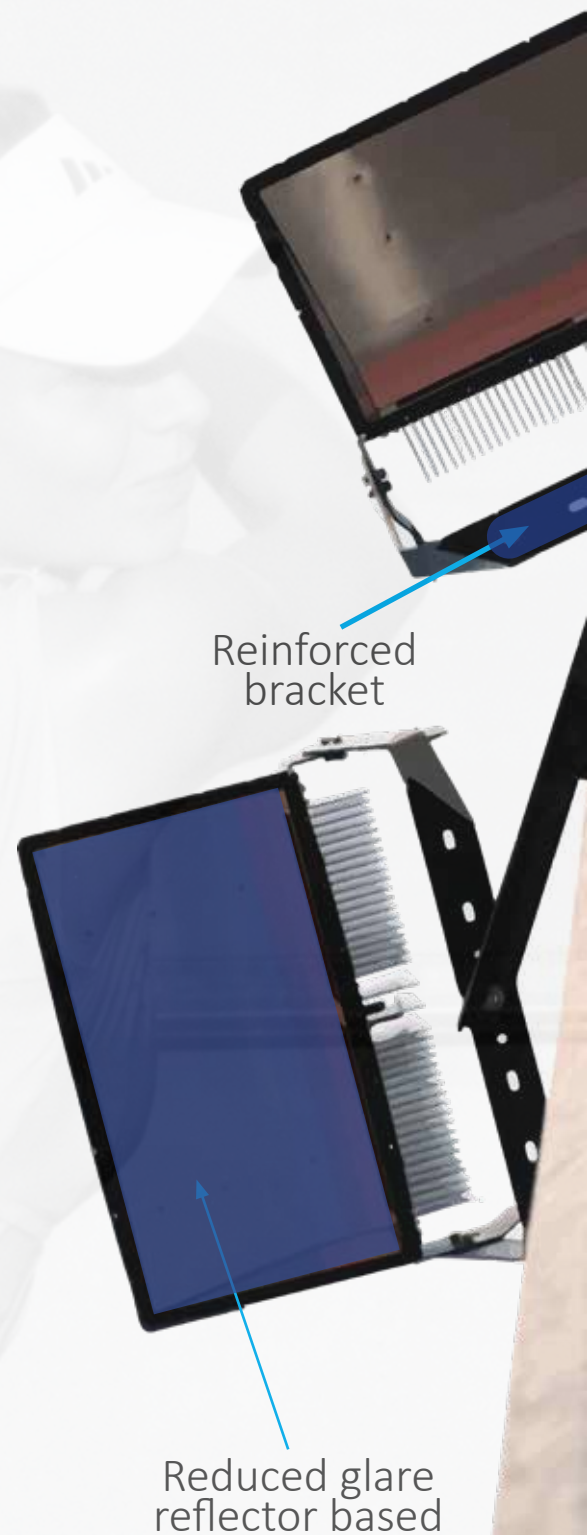
Wattages ranging from 100W to 800W to cover all applications and arena sizes. We offer full support with lighting calculations for your project to ensure lighting levels meet all requirements.

### **ADVANCED CHIPSET**

Replace up to 2000W metal halide luminaires with the advanced Nichia LED chipset, delivering up to 160lm/w.

### **LONG LIFETIME - HALF THE POWER**

Up to 10 times longer lifetime than traditional metal halide bulbs. Our Sport & Stadium Lighting is a fit and forget solution, reduce maintenance costs.



# EVOLUTION IN SPORT LIGHTING

[www.armadillolighting.com](http://www.armadillolighting.com)



External driver for  
lower maintenance



## COLUMNS

Armadillo is working in partnership with UK manufacturers and distributors of steel and aluminium lighting columns.

## SUPPORT WITH DESIGN

We are happy to support you with any lighting calculations and designs to ensure you meet all lighting requirements for your sport area. Please contact us for any queries on **01371 876969** or email [sportlighting@armark.com](mailto:sportlighting@armark.com)

## WARRANTY

7 Year Warranty as standard

## LIGHTING STANDARDS

Compliant for all:





# EVOLUTION IN SPORT LIGHTING

[www.armadillolighting.com](http://www.armadillolighting.com)



## CASE STUDIES

### HORSMONDEN LAWN TENNIS CLUB



4 TENNIS COURTS | 10 x 10m COLUMN | 16 x SPFL 600W | 460 LUX | 0.85 u0

### BUSH HILL PARK TENNIS CLUB



3 TENNIS COURTS | 8 x 10m COLUMN | 12 x SPFL 600W | 600 LUX | 0.70 u0

### WOOLPIT TENNIS CLUB



4 TENNIS COURTS | 4 x 10m COLUMN | 16 x SPFL 400W | 490 LUX | 0.70 u0

# EVOLUTION IN SPORT LIGHTING

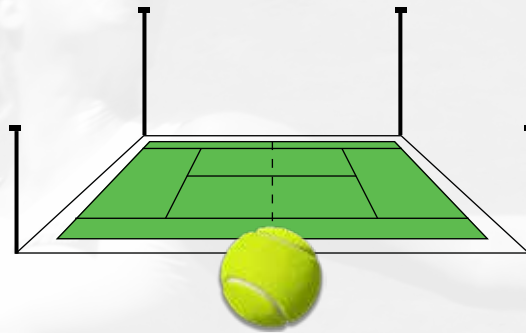
[www.armadillolighting.com](http://www.armadillolighting.com)



## TENNIS COURT LIGHTING - SPFL

### CORNER LIT SCHEME

500 LUX / PPA  
400 LUX / TPA  
0.7 Emin/Eav

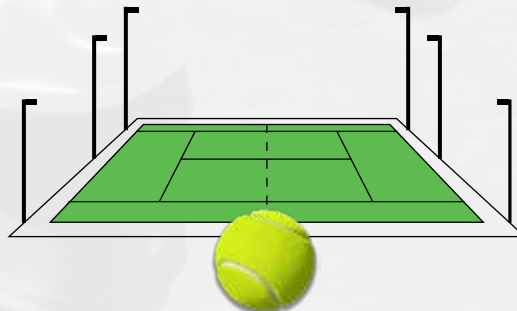


### 4 COLUMNS SETUP

4 x SPFL 600W  
LTA RECOMMENDED  
LIGHT LEVELS

### SIDE LIT SCHEME

500 LUX / PPA  
400 LUX / TPA  
0.7 Emin/Eav

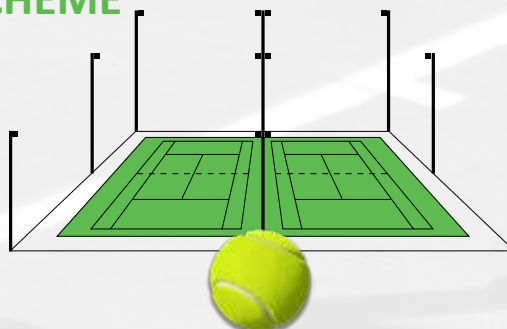


### 6 COLUMNS SETUP

6 x SPFL 400W  
LTA RECOMMENDED  
LIGHT LEVELS

### CORNER & SIDE LIT SCHEME

500 LUX / PPA  
400 LUX / TPA  
0.7 Emin/Eav



### 9 COLUMNS SETUP

4 x SPFL 300W  
8 x 400W  
LTA RECOMMENDED  
LIGHT LEVELS

Every effort is met to ensure our guidelines are accurate and up to date. However, we still recommend you consult your sport governing body to clarify.

# EVOLUTION IN SPORT LIGHTING

[www.armadillolighting.com](http://www.armadillolighting.com)





# EVOLUTION IN SPORT LIGHTING

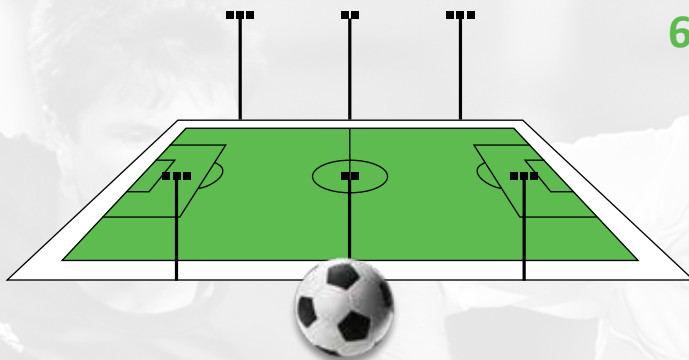
[www.armadillolighting.com](http://www.armadillolighting.com)



## FOOTBALL PITCH LIGHTING - SPFL

### FOOTBALL PITCH

180 LUX  
N&S  
NATIONAL LEAGUE



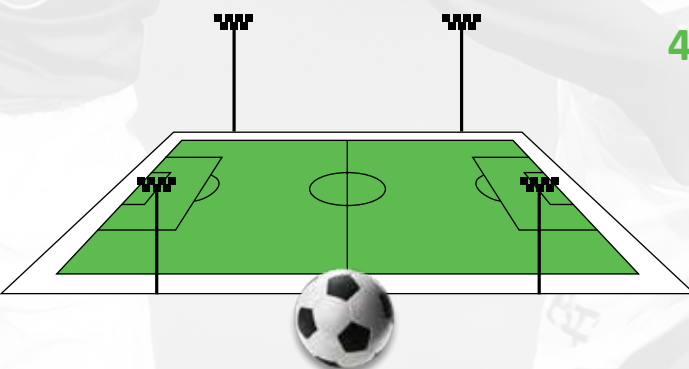
### 6 COLUMNS SETUP

16 x SPFL 800W

CLASS II

### FOOTBALL PITCH

250 LUX  
NATIONAL LEAGUE



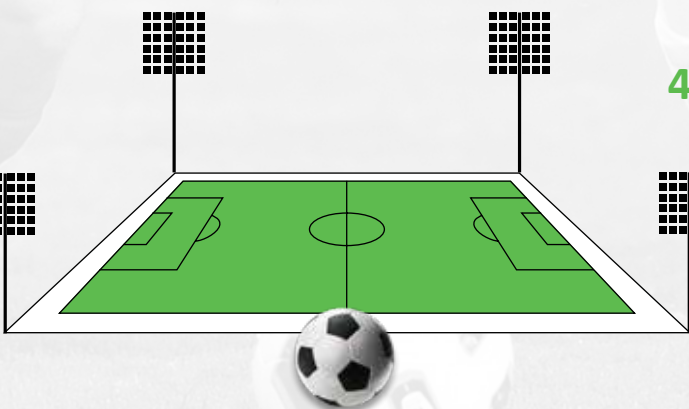
### 4 COLUMNS SETUP

28 x SPFL 800W

CLASS II

### FOOTBALL PITCH

500 LUX  
CHAMPIONSHIP



### 4 COLUMNS SETUP

72 x SPFL 800W

CLASS I

Every effort is met to ensure our guidelines are accurate and up to date. However, we still recommend you consult your sport governing body to clarify.

# EVOLUTION IN SPORT LIGHTING

[www.armadillolighting.com](http://www.armadillolighting.com)



# EVOLUTION IN SPORT LIGHTING

[www.armadillolighting.com](http://www.armadillolighting.com)

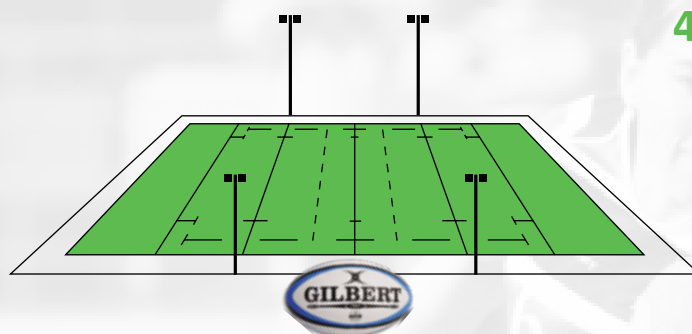


## RUGBY PITCH LIGHTING - SPFL

### RUGBY PITCH

100 LUX

0.5 Emin/Eav



### 4 COLUMNS SETUP

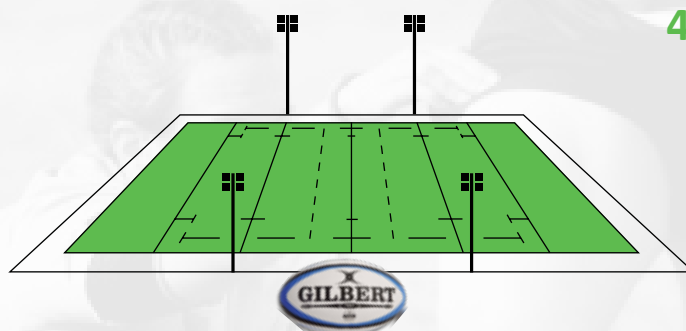
8 x SPFL 800W

LEVELS 6-12

### RUGBY PITCH

200 LUX

0.6 Emin/Eav



### 4 COLUMNS SETUP

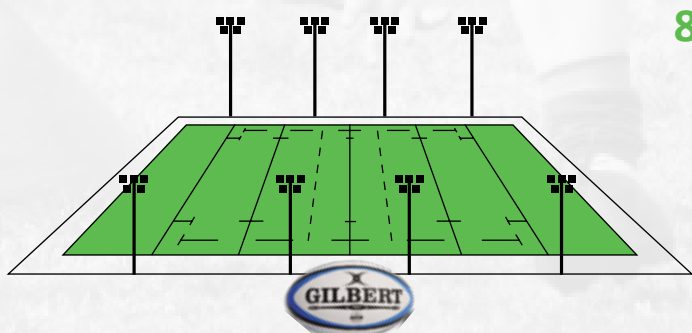
16 x SPFL 800W

LEVELS 2-5

### RUGBY PITCH

500 LUX

0.7 Emin/Eav



### 8 COLUMNS SETUP

40 x SPFL 800W

LEVEL 1

Every effort is met to ensure our guidelines are accurate and up to date. However, we still recommend you consult your sport governing body to clarify.



# EVOLUTION IN SPORT LIGHTING

[www.armadillolighting.com](http://www.armadillolighting.com)

---



**ARMADILLO LIGHTING**

Bigods Hall, Bigods Lane

Great Dunmow, Essex

CM6 3BE, UK

Tel: **01371 876969**

Email: **[sportlighting@armark.com](mailto:sportlighting@armark.com)**