



## FLOOD LIGHTING LED LIGHT & POLE KITS

HotShot Sports supply a range of LED lighting solutions (200W - 600W) to save on maintenance and power consumption.

There are a number of variables to consider when choosing the right light for your court. Some include:

- The standard of play (residential/competition)
- Number of poles
- Pole height
- Amount of light required (LUX Levels)
- Uniformity of light (even distribution of light)
- Power supply and efficiency
- Glare (light spill)
- Local council requirements
- Installation & running costs

### LED LIGHTING KIT

- 4 x 400W LED Lights
- 4 x Slip fitters
- 4 x Spigots

Product Code: **LED LIGHT KIT**

### POLE KIT KEY FEATURES

- 4 poles at 100 x 100mm Steel Post, 8m long
- Designed for up to 7.1m above playing area
- Pole manufactured for in-ground burial (900mm)
- Duragalv OR hot-dip galvanised on request
- Powder coated black finish
- 3-year warranty

Product Code: **LIGHT POLE KIT**

Contact us today for a free lighting quote and simulation that is relevant to your situation.

Made to order, price excludes shipping.

### 400Watt Low Level LED Sports Area Light

Ideal for Tennis, Netball, Bowling Green, Car-parking & Car Sales  
(See spec sheet for more information)



- 3 year warranty
- Colour: black
- 0.3m input power cable

### MOUNTING ACCESSORIES



Slip fitter; to fit 60OD spigot  
(Attaches light to adapter below)



Spigot 100mm square pole adapter  
(Fits on top of the pole)

### GLARE SHIELDS (optional extras)

Shields are added to reduce light spill.



Type 1: to fit 400W LED lights

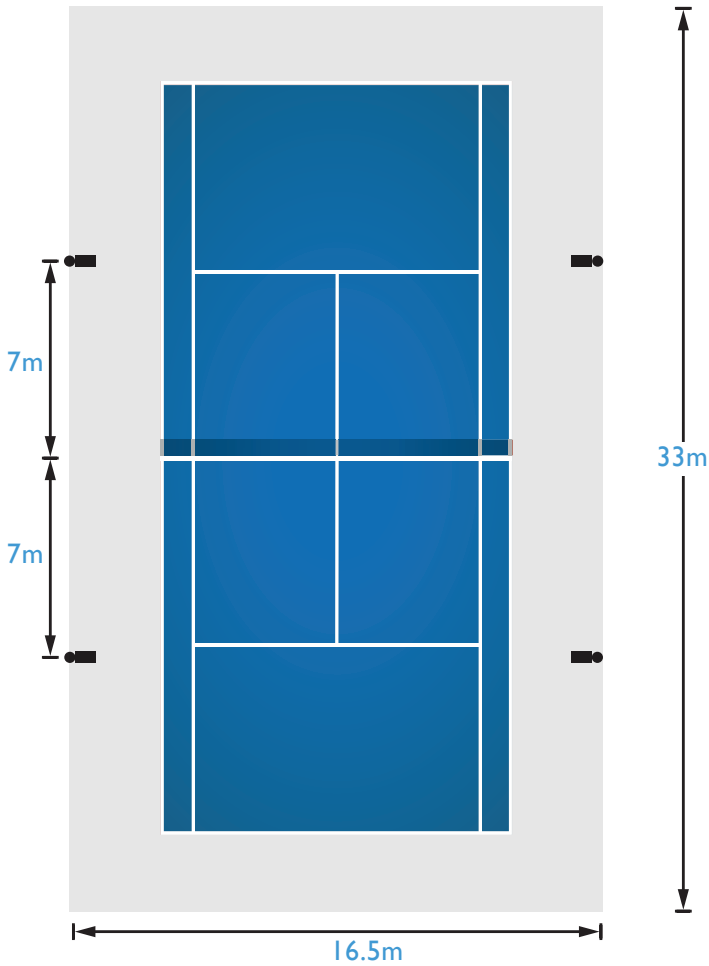


Type 2: Front and rear shield  
To fit: 200-500W LED lights



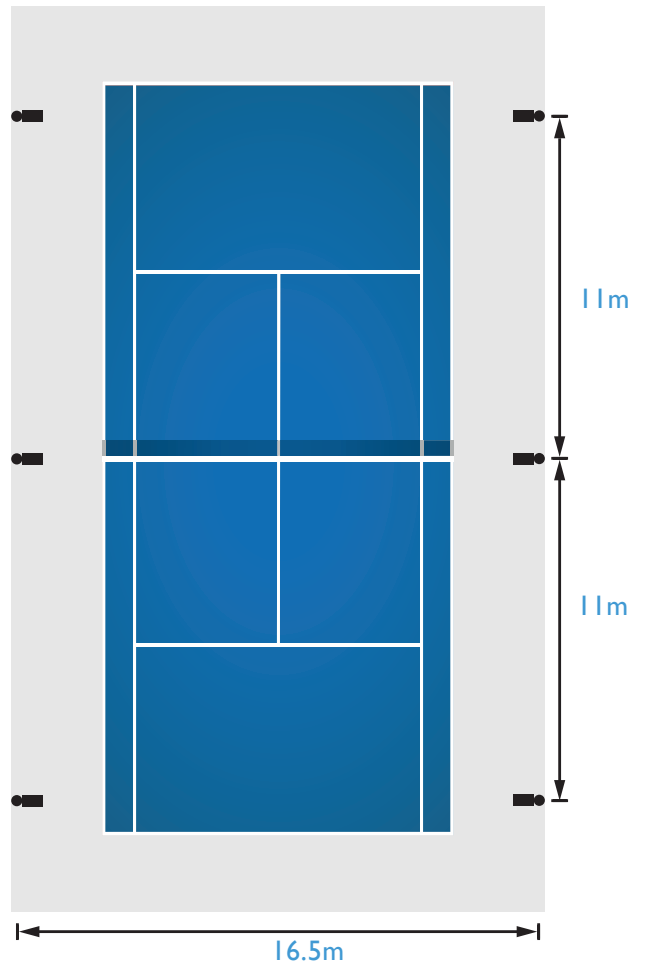
# LED LIGHTING COURT LAYOUT

## STANDARD RESIDENTIAL KIT



**4x 400W**  
Light Mounting Height 7m  
(8m pole - 1m in ground)

## COMPETITION DELUXE



**6x 400W**  
Light Mounting Height 7m  
(8m pole - 1m in ground)

Talk to us about twin court systems or light upgrade options.

0800 483 6647 | [sales@hotshot-sports.com](mailto:sales@hotshot-sports.com) | [www.hotshot-sports.com](http://www.hotshot-sports.com)

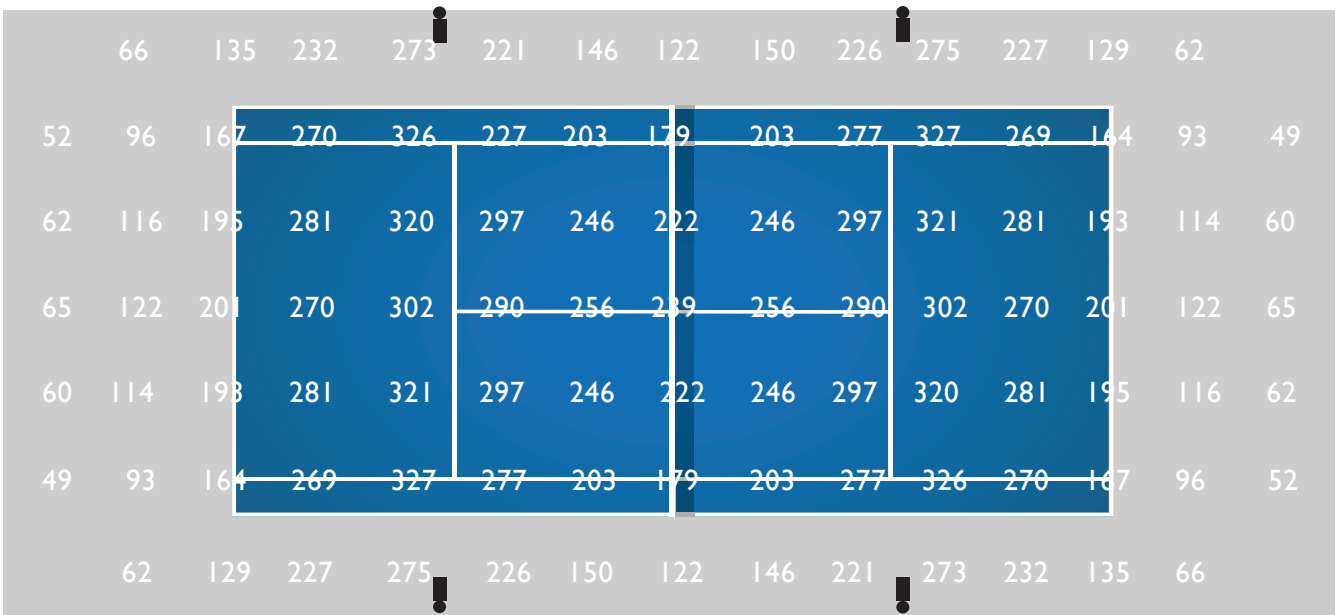


# LUX

## Single Court Lighting Simulation\*

\*Simulation example only, actual results may differ

<b>Light</b>	Low Level LED Sports Area Light
<b>Level of Play</b>	Class 3: Residential
<b>Average LUX</b>	200
<b>Uniformity</b>	0.82
<b>Wattage</b>	400W
<b>Number of Lights</b>	4
<b>Number of Poles</b>	4
<b>Pole Height</b>	7m above ground, 900mm in-ground

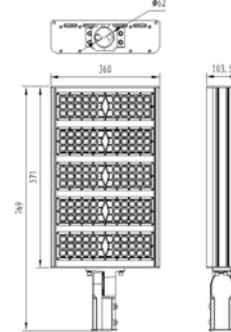
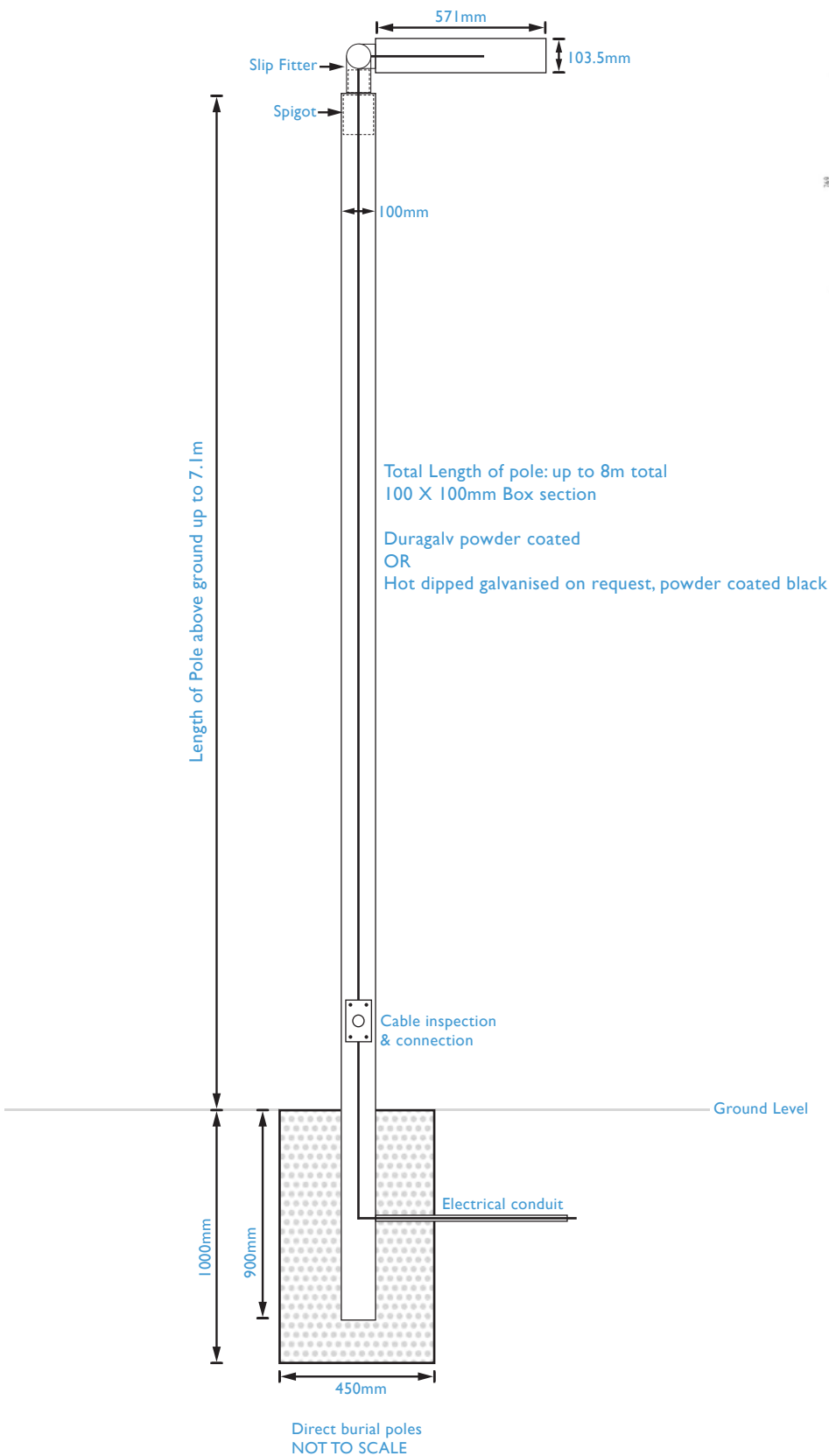




# POLE MOUNTING

## 400Watt Low Level LED Sports Area Light

A guide only - seek advice from structural engineer.



# KEY TERMS

## Horizontal illuminance LUX

This is the amount of light falling on the court surface, it is often referred as lighting level. It is expressed in LUX.

## Uniformity of illuminance

This is a parameter describing how evenly light is distributed over the court surface. It is calculated by dividing the minimum LUX by the average value.

## Colour Temp

This is the apparent colour of a light source; it is expressed in Kelvin (K). It appears either warm/yellow or cold/blue to the eye.

## Light Spill

Gives rise to annoyance, distraction outside the desired lit area.

## TPA

The total playing area.

## PPA

The principal playing area extends to 1m inside the perimeter of the court.

## LIGHTING STANDARDS

For outdoor courts

European Standards for Sport Lighting (EN 12193:2008)

Recommended from the International Tennis Federation

	Level of Play	LUX (average)	Uniformity (Min average)
Class 1	Top level national & international	>500	< 0.7
Class 2	Mid-level competition; regional or club tournaments	>300	< 0.7
Class 3	Low-level competition, such as residential, local or small club tournaments	>200	< 0.6