

**AAA-LUX<sup>®</sup>**  
TRIPLE A LIGHTING

# LED sports field lighting



SMART. FLEXIBLE. LED.



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## AAA-LUX, Leader in LED flood lighting

AAA-LUX is a manufacturer of LED flood lighting for high mast applications such as sport-at-large and sport stadiums. AAA-LUX customers improve on lighting quality and save on energy consumption, CO2 emissions and maintenance cost.

We believe in the philosophy "light (only) when, where and at the level needed" which has led to a system approach of luminaires and control equipment.



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[WWW.AAA-LUX-LIGHTING.COM](http://WWW.AAA-LUX-LIGHTING.COM)



## AAA-LUX & Sports

Since 2009 AAA-LUX LED sportsfield luminaires have been used to illuminate many sport fields worldwide.

The fundamental idea of the AAA-LUX design is to re-use the existing infrastructure as in masts, cabling and power supply, so no additional investment is needed. This is possible thanks to the unique combination of a high light output and low weight and windage.

- Superior light output
- Re-use infrastructure
- AAA Smartness

On our website you will find more information and project examples: [www.AAA-LUX-LIGHTING.COM](http://www.AAA-LUX-LIGHTING.COM)







## AAA-LUX & Stadium

AAA-LUX stadium LED is specifically designed for vertical lighting requirements with narrow beam and flicker free luminaires. The light complies to the requirements of international sports associations and TV broadcasting companies.

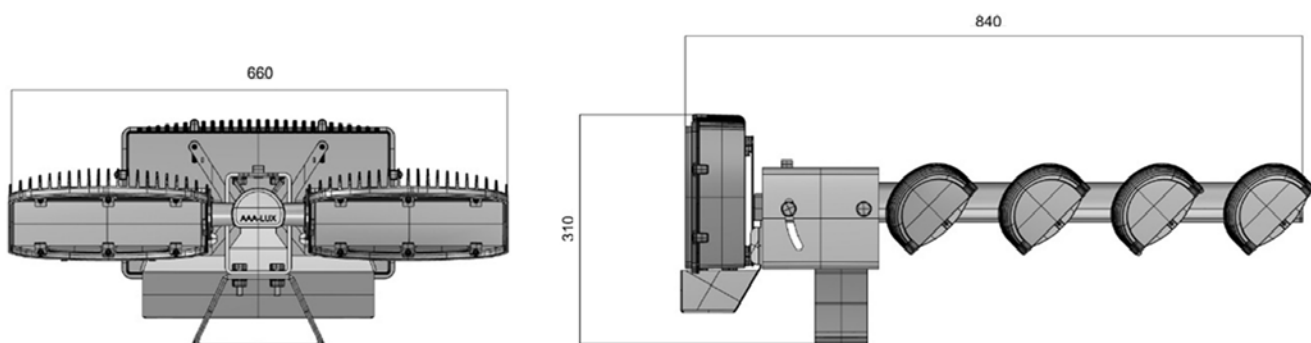
Besides the standard wireless RF control communication, AAA-LUX offers a solution for show and entertainment (DMX).




On our website you can find stadium lighting and show examples: [WWW.AAA-LUX-LIGHTING.COM](http://WWW.AAA-LUX-LIGHTING.COM)





## WS-series for Sports



SPECIFICATIONS	WS MODELS			
	WS-Serie	WS-STAD Serie	WS-Serie (4 modules)	WS-Serie (6 modules)
 Voltage input (VAC)	400 230			
Power Consumption @ 100%	1550	1550	775	1160
Power Factor @ 100%	0.98			
Inrush Current	None			
 Color Temperature (K)	5200			
Color Rendering Index (CRI)	80			
Expected Lifetime (hours, average dimming)	60000			
Maximum luminous efficacy (lm/W)	159.9			
Typical luminous efficacy (lm/W)	110*			
 Weight, including Driver (kg)	22	22	16	19
Dimensions (W x H x L in mm)	660 x 310 x 840		660 x 310 x 540	660 x 310 x 690
Frontal Surface (Typ tilt) Cw=1	WS 100/150/600	0.16 (0°)	0.17 (15°)	0.15 (15°)
	WS 200/300	0.25 - 0.29 (15°)		
	WS 220/230/250/270	0.22 - 0.23 (15°)		
Ingress protection (IP)	66			
Electrical Insulation Class	I			
Product Color	RAL7015 / Pantone 446 C			

\* by average, depending on luminaire type and nominal level in use





## InControl

Using wireless RF controls means a reliable communication without having to use cabling between controls and luminaires, so it is easy to install against low cost.

When using the Control Box multiple fields can be controlled. It includes a monitoring system for power consumption and technical luminaire status.

***Because of its features the use of a Control Box is recommended in all cases, but especially in a project with multiple fields.***

Control Box	Stand Alone Switchbox
<p>Main features :</p> <ul style="list-style-type: none"> <li>• Scene selection</li> <li>• 6 Fields</li> <li>• Power switching</li> <li>• Multiple user interfaces</li> <li>• Sensor connection</li> <li>• System status monitoring</li> <li>• Energy use monitoring</li> <li>• Remote access</li> </ul>	<p>Main features :</p> <ul style="list-style-type: none"> <li>• Scene selection</li> <li>• 1 Field</li> </ul>

### CONTROL BOX : ELECTRICAL & MECHANICAL DATA

SPECIFICATION	Min	Typ	Max	Unit
Voltage input		230		VAC
Power consumption			60	W
Frequency	50		60	Hz
Operating temperature	0		+40	°C
Weight		1,5		kg
Dimensions (W x H x L)	270 x 170 x 90			mm
In / Out	6 x output for power control 6 x potential free input per field/area for release 3 x potential free input for system release 6 x potential free input for scene selection (with accessory)			



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