



- 147 LM/W
- IP66
- 10KV/20KV SPD
- IK09
- Excellent cooling

STADIUM IN SOUTH AFRICA

UK FOOTBALL STADIUM

LED SPORTS LIGHTING FOOTBALL COURT CASE STUDY

- 320W-2040W Floodlight Symmetric and Asymmetric optics for optional
- Multi ways of remote driver mounting
- High light output up to 297,135lm
- Control gear 240V/415V AC



STADIUM IN SOUTH AFRICA

Soccer Field Lamps On Soccer Field: 600

Model: LUX-SP-880 32PCS
5700K CRI 70
182lux uo: 0.86
Mounting Height: 25m
Color: black
Application angle:
16° 30°

STADIUM IN SOUTH AFRICA DATA ANALYSIS

Calculation Summary									
Label	Calc Type	Units	Avg	Max	Min	Min/Avg	Min/Max	Obs Label	Description
Rugby Filed	Illuminance	Lux	181	228	148	0.82	0.65	N.A.	Calculation grid: 5*5m
Soccer Filed	Illuminance	Lux	182	235	156	0.86	0.66	N.A.	Calculation grid: 5*5m
Track	Illuminance	Lux	124	235	54	0.44	0.23	N.A.	Calculation grid: 2*2m

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	LLF	Lum. Watts	Total Watts	Total Lamp Lumens
	24	MAS-880-5770-16	SINGLE	0.850	874.4	20985.6	136310
	8	MAS-880-5770-30	SINGLE	0.850	881.7	7053.6	134910



UK FOOTBALL STADIUM

Model: LUX-SP-960 20PCS
5000K CRI 70
210lux uo: 0.69
Mounting Height: 20m
Color: black
Application angle:
25x130°



AUSTRIA STADIUM

Numerical chart

93	122	161	222	257	184	144	120	105	99	105	119	142	182	257	223	163	124	95
115	152	187	193	187	175	163	139	120	111	119	138	162	175	186	194	188	155	119
124	166	196	202	192	181	161	141	122	113	121	141	161	180	191	202	196	167	127
118	151	176	187	181	170	152	134	119	107	115	107	115	133	151	170	180	187	177
104	128	150	163	160	149	134	119	107	102	107	118	134	149	159	162	151	128	104
94	113	130	140	141	132	122	109	102	101	102	109	122	131	140	140	130	114	94
93	108	120	131	132	124	115	106	102	99	102	106	115	124	132	131	120	106	93
94	114	130	140	140	131	122	109	102	101	102	109	122	132	140	140	130	113	94
104	128	151	162	159	149	134	118	107	103	107	119	134	149	160	162	150	128	104
120	152	177	188	179	170	151	133	115	107	115	134	151	170	180	187	176	151	119
127	157	196	201	190	180	161	141	122	113	122	141	161	180	191	201	195	166	124
119	156	188	194	185	174	162	138	119	112	120	140	163	175	186	192	186	152	116
95	124	162	223	256	182	143	120	106	99	106	120	144	184	256	221	160	122	93

Position of surface in external scene:
Marked point: (-45.000 m, -30.000 m, 0.000 m)

Model: LUX-SP-960 12PCS
5700K CRI 70
143lux uo: 0.65
Mounting Height: 14m
Color: grey
Application angle:
25x130°

Football Pitch / 3D Rendering

Football Pitch / False Colour Rendering

Professional Lighting Calculation Report Available