

Roffey Football Club 200lux 2026

200 average lux with a uniformity of 0.60 min/max 0.30

Site Location :-

Roffey Football Club
Bartholomew Way
Horsham
RH12 5JL

All lighting specification meet the Football Foundation / PLSF requirements

Partner for Contact:

Order No.:

Company:

Customer No.:

Date: 13.01.2026

Operator: Michael Butterill



Direct Sports Lighting

Unit 3 Ure Bank Maltigns, Ripon, HG4 1AE.

Operator Michael Butterill
Telephone 0845 643 0722
Fax
e-Mail sales@directsportslighting.co.uk

Table of contents

Roffey Football Club 200lux 2026

Project Cover	1
Table of contents	2
Luminaire parts list	3
SP04-1K2-5770-F04001X-L39	
Luminaire Data Sheet	4
Exterior Scene 1	
Planning data	5
Luminaires (coordinates list)	6
Sport Sites (layout plan)	7
Sport Luminaires (Coordinates List)	8
3D Rendering	10
False Color Rendering	11
Exterior Surfaces	
Soccer Field 1 Calculation Grid (PA)	
Summary	12
Calculation Grid 1	
Isolines (E, Perpendicular)	13
Value Chart (E, Perpendicular)	14



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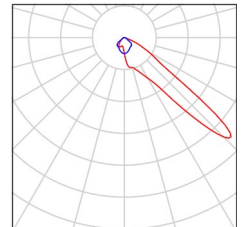
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Telephone 0845 643 0722
Fax
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Roffey Football Club 200lux 2026 / Luminaire parts list

16 Pieces SP04-1K2-5770-F04001X-L39 4000k
Article No.:
Luminous flux (Luminaire): 148076 lm
Luminous flux (Lamps): 148080 lm
Luminaire Wattage: 1194.8 W
Luminaire classification according to CIE: 100
CIE flux code: 45 94 100 100 100
Fitting: 1 x / (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.





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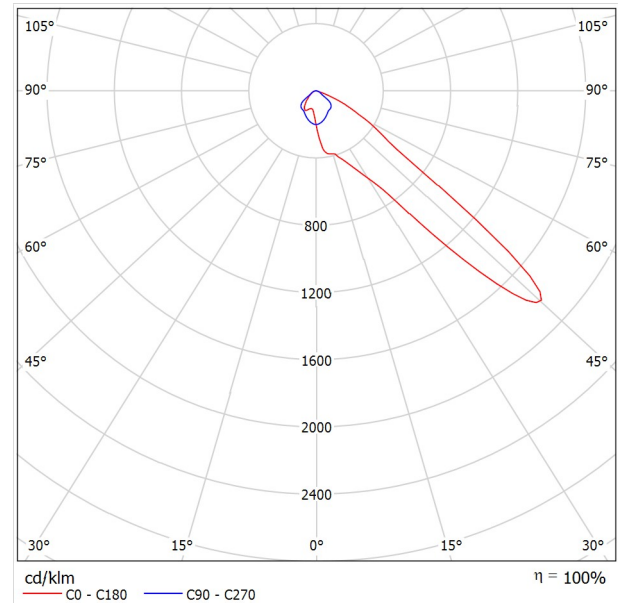
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SP04-1K2-5770-F04001X-L39 / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 45 94 100 100 100

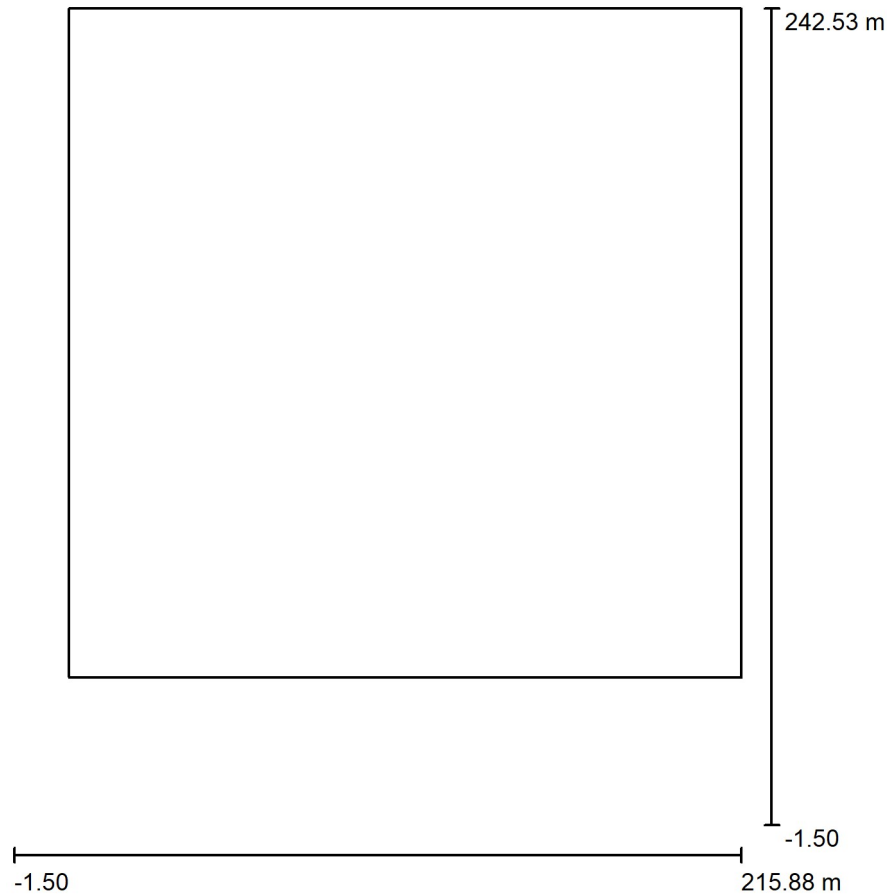
Due to missing symmetry properties, no UGR table can be displayed for this luminaire.



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Exterior Scene 1 / Planning data

Light loss factor: 0.90, ULR (Upward Light Ratio): 0.0%

Scale 1:2263

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	16	SP04-1K2-5770-F04001X-L39 (1.000)	148076	148080	1194.8
Total:			2369216	Total: 2369280	19116.3



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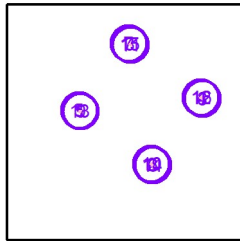
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Exterior Scene 1 / Luminaires (coordinates list)

SP04-1K2-5770-F04001X-L39

148076 lm, 1194.8 W, 1 x 1 x / (Correction Factor 1.000).



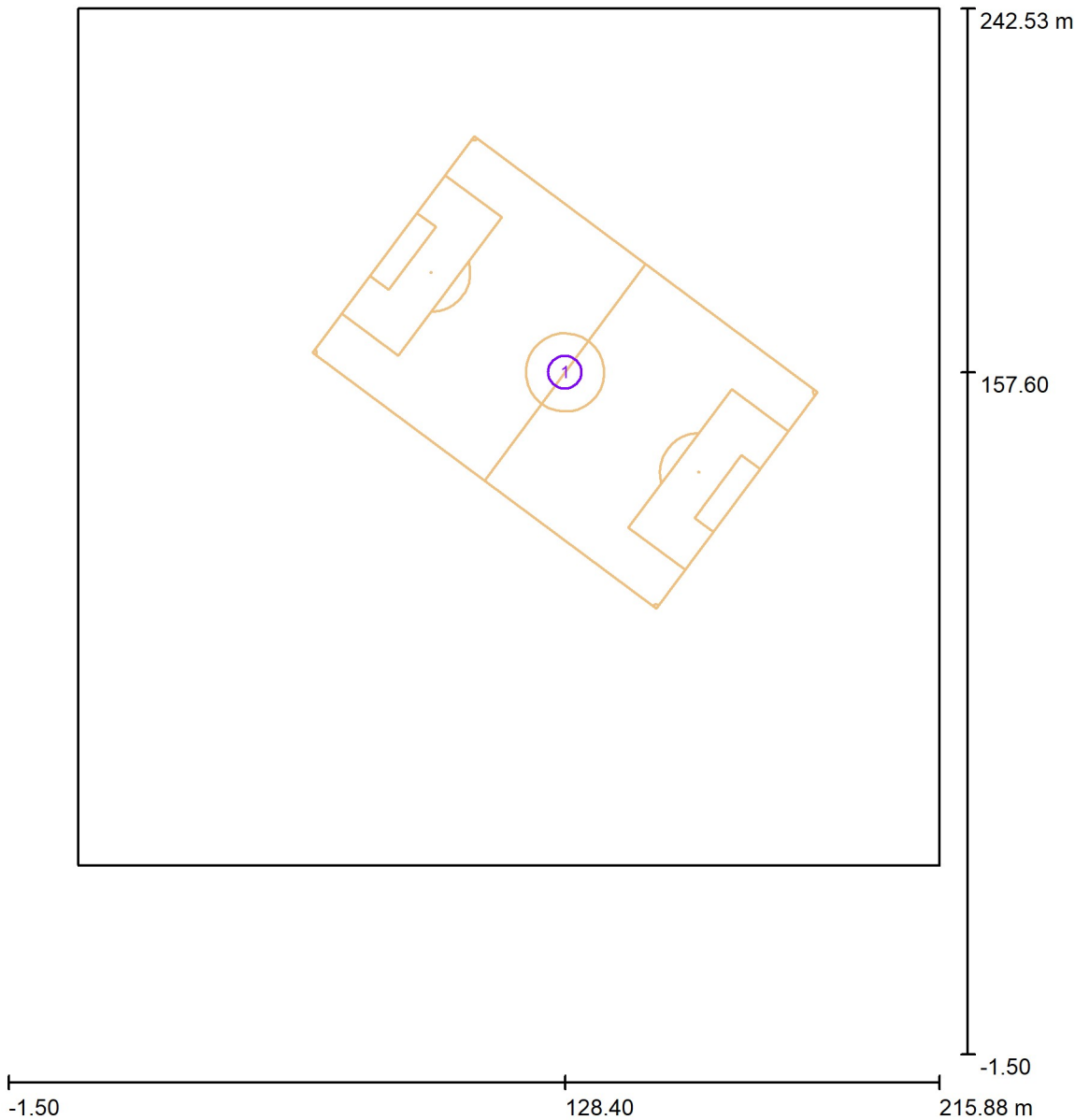
No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	76.661	152.141	18.000	0.0	-19.3	12.8
2	137.950	106.458	18.000	0.0	-19.3	93.8
3	118.850	208.742	18.000	0.0	-19.3	-86.2
4	180.139	163.059	18.000	0.0	-19.3	-167.2
5	76.000	152.700	18.000	0.0	-14.9	64.2
6	138.674	105.984	18.000	0.0	-14.9	42.4
7	118.126	209.216	18.000	0.0	-14.9	-137.6
8	180.800	162.500	18.000	0.0	-14.9	-115.8
9	77.500	151.700	18.000	0.0	-19.4	-16.2
10	137.287	107.136	18.000	0.0	-19.4	122.8
11	119.513	208.064	18.000	0.0	-19.4	-57.2
12	179.300	163.500	18.000	0.0	-19.4	163.8
13	76.571	151.853	18.000	0.0	-17.7	40.8
14	137.699	106.289	18.000	0.0	-17.7	65.8
15	119.101	208.911	18.000	0.0	-17.7	-114.2
16	180.229	163.347	18.000	0.0	-17.7	-139.2



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Exterior Scene 1 / Sport Sites (layout plan)



Scale 1 : 1651

Sport Site Parts List

No.	Pieces	Designation
1	1	Soccer Field



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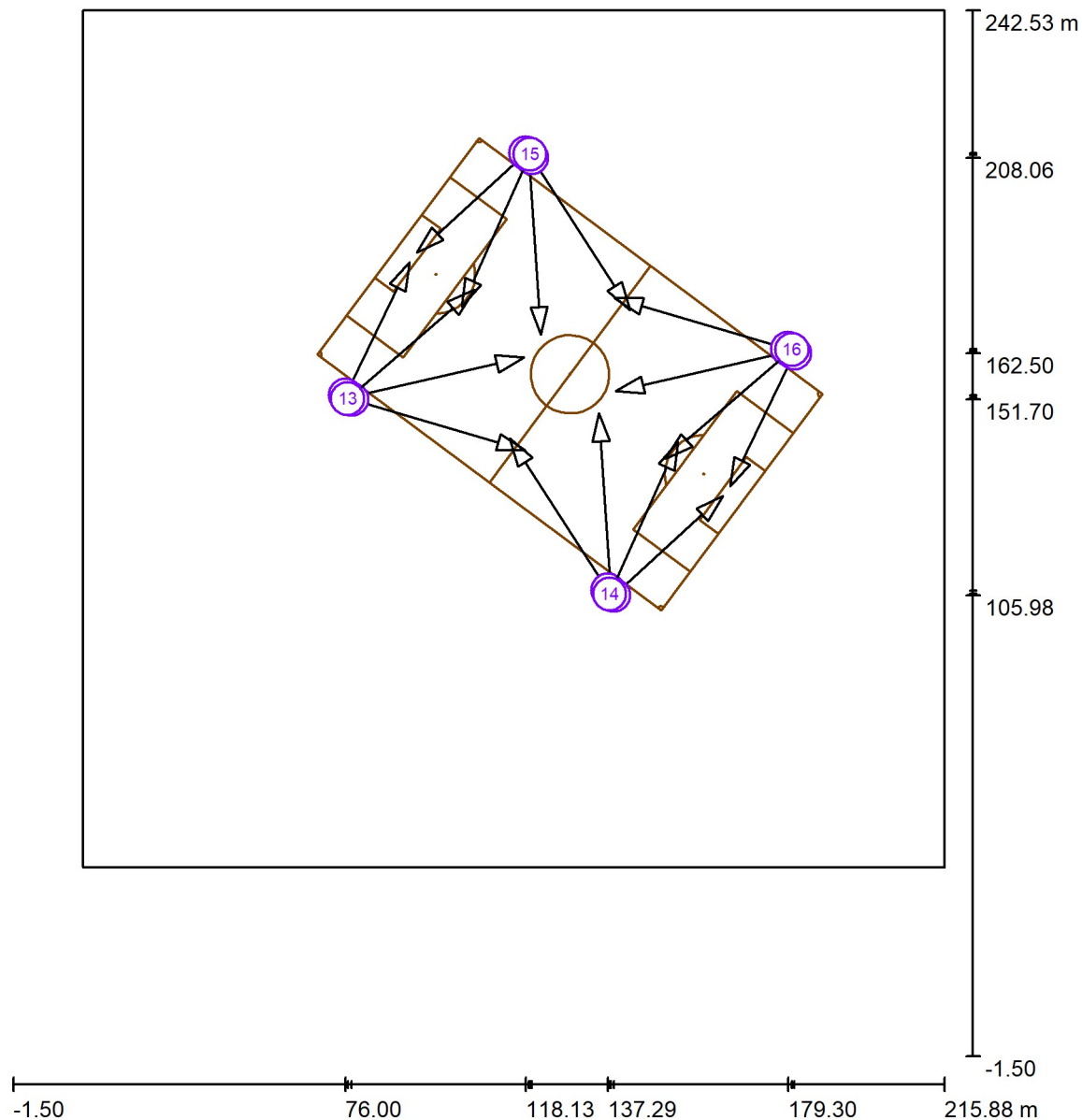
Operator Michael Butterill

Telephone 0845 643 0722

Fax

e-Mail sales@directsportslighting.co.uk

Exterior Scene 1 / Sport Luminaires (Coordinates List)



Scale 1 : 1651

List of the Sport Luminaires

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
SP04-1K2-5770-F04001X-L39	1	76.661	152.141	18.000	117.692	161.500	0.000	23.2	(C 0, G IMax)	/
SP04-1K2-5770-F04001X-L39	2	137.950	106.458	18.000	135.197	148.452	0.000	23.2	(C 0, G IMax)	/
SP04-1K2-5770-F04001X-L39	3	118.850	208.742	18.000	121.603	166.748	0.000	23.2	(C 0, G IMax)	/
SP04-1K2-5770-F04001X-L39	4	180.139	163.059	18.000	139.108	153.700	0.000	23.2	(C 0, G IMax)	/



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Exterior Scene 1 / Sport Luminares (Coordinates List)

List of the Sport Luminares

Luminaire	Index	Position [m]			Aiming Point [m]			Angle [°]	Alignment	Pole
		X	Y	Z	X	Y	Z			
SP04-1K2-5770-F04001X-L39	5	76.000	152.700	18.000	91.000	183.700	0.000	27.6	(C 0, G IMax)	/
SP04-1K2-5770-F04001X-L39	6	138.674	105.984	18.000	164.097	129.215	0.000	27.6	(C 0, G IMax)	/
SP04-1K2-5770-F04001X-L39	7	118.126	209.216	18.000	92.703	185.985	0.000	27.6	(C 0, G IMax)	/
SP04-1K2-5770-F04001X-L39	8	180.800	162.500	18.000	165.800	131.500	0.000	27.6	(C 0, G IMax)	/
SP04-1K2-5770-F04001X-L39	9	77.500	151.700	18.000	118.000	139.900	0.000	23.1	(C 0, G IMax)	/
SP04-1K2-5770-F04001X-L39	10	137.287	107.136	18.000	114.409	142.577	0.000	23.1	(C 0, G IMax)	/
SP04-1K2-5770-F04001X-L39	11	119.513	208.064	18.000	142.391	172.623	0.000	23.1	(C 0, G IMax)	/
SP04-1K2-5770-F04001X-L39	12	179.300	163.500	18.000	138.800	175.300	0.000	23.1	(C 0, G IMax)	/
SP04-1K2-5770-F04001X-L39	13	76.571	151.853	18.000	106.100	177.300	0.000	24.8	(C 0, G IMax)	/
SP04-1K2-5770-F04001X-L39	14	137.699	106.289	18.000	153.650	141.857	0.000	24.8	(C 0, G IMax)	/
SP04-1K2-5770-F04001X-L39	15	119.101	208.911	18.000	103.150	173.343	0.000	24.8	(C 0, G IMax)	/
SP04-1K2-5770-F04001X-L39	16	180.229	163.347	18.000	150.700	137.900	0.000	24.8	(C 0, G IMax)	/

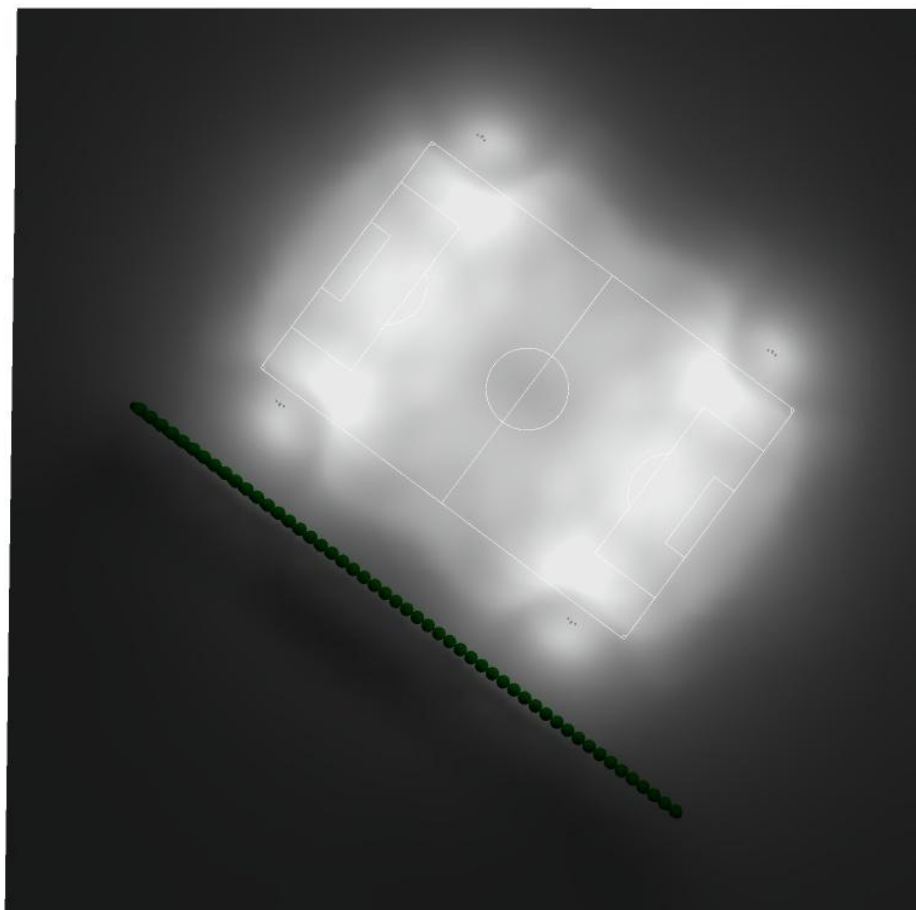


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Exterior Scene 1 / 3D Rendering



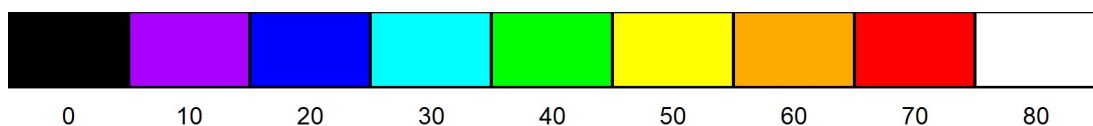
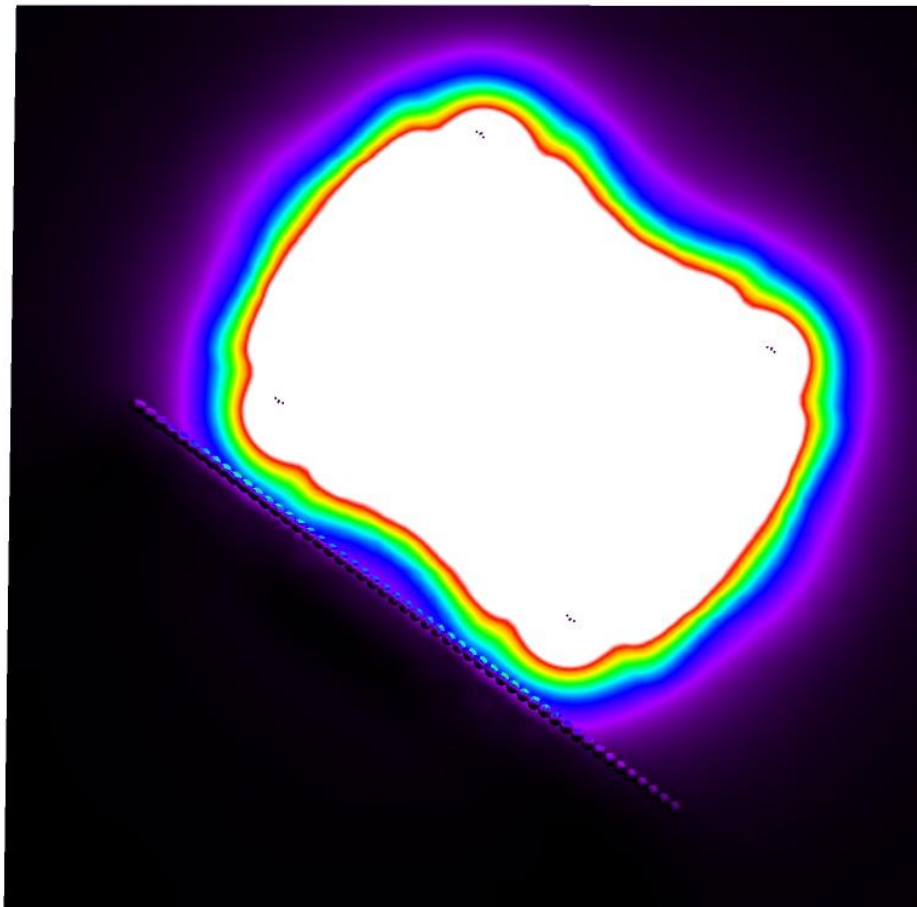


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Exterior Scene 1 / False Color Rendering



lx



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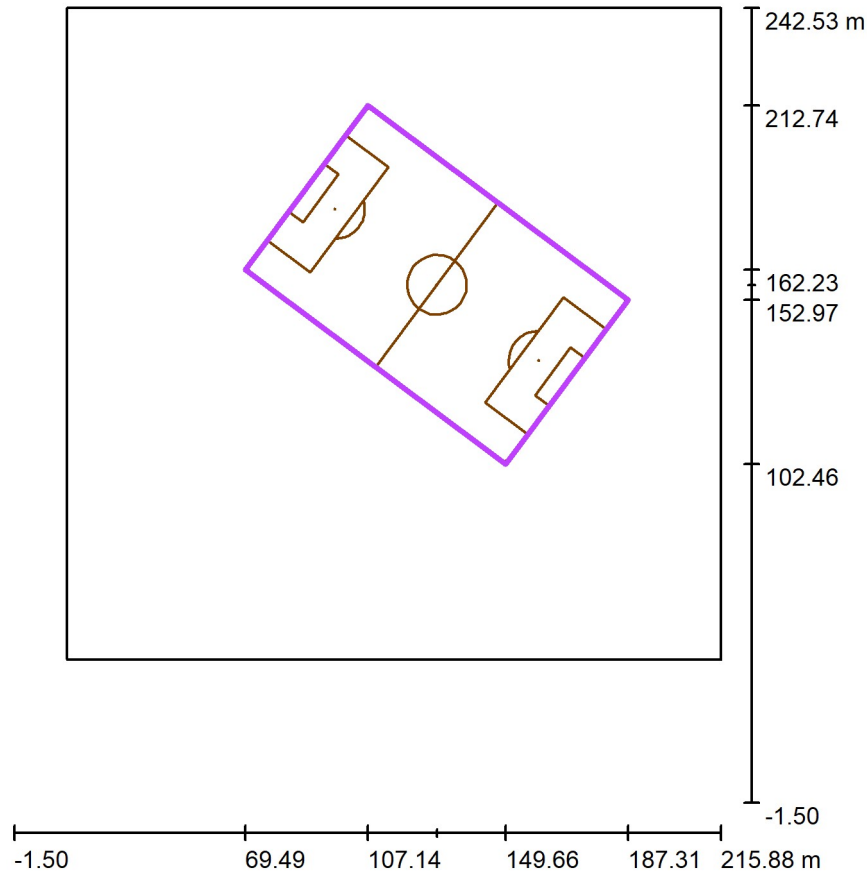
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Telephone 0845 643 0722

Fax

e-Mail sales@directsportslighting.co.uk

Exterior Scene 1 / Soccer Field 1 Calculation Grid (PA) / Summary

Scale 1 : 2327

Position: (128.400 m, 157.600 m, 0.000 m)

Size: (100.000 m, 63.000 m)

Rotation: (0.0°, 0.0°, -36.7°)

Type: Normal, Grid: 11 x 8 Points

Belongs to the following sport arena: Soccer Field 1

Results overview

No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	221	139	325	0.63	0.43	/	0.000	/

 $E_{h\ m} / E_m$ = Relationship between middle horizontal and vertical illuminance, H = Measuring Height

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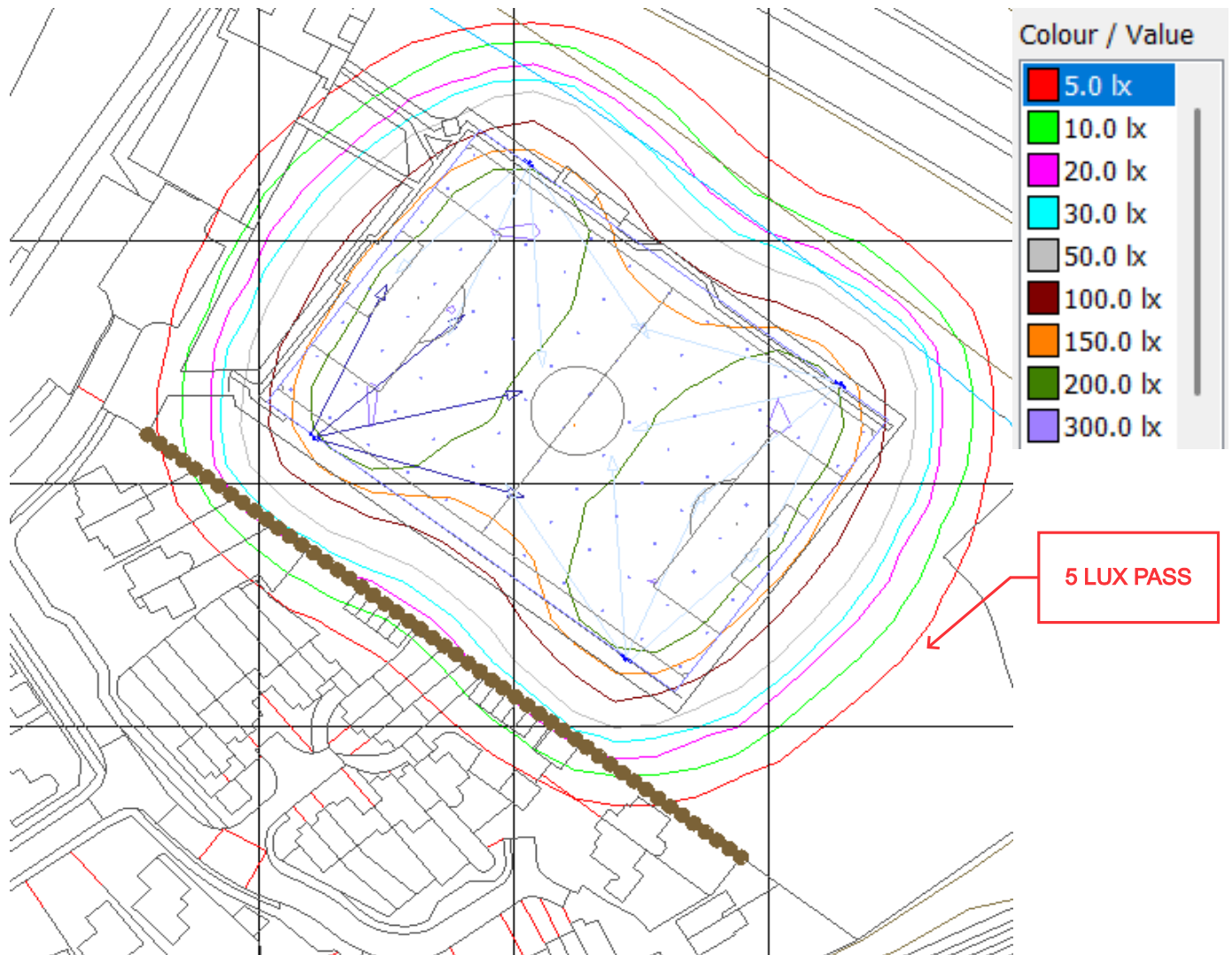
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Fax

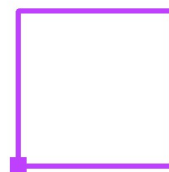
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Exterior Scene 1 / Calculation Grid 1 / Isolines (E, Perpendicular)

Values in Lux, Scale 1 : 1602

Position of surface in external scene:

Marked point: (15.871 m, 42.500 m, 0.000 m)



Grid: 25 x 25 Points

 E_{av} [lx]
52

 E_{min} [lx]
0.00

 E_{max} [lx]
381

 u_0
0.00

 E_{min} / E_{max}
0.00

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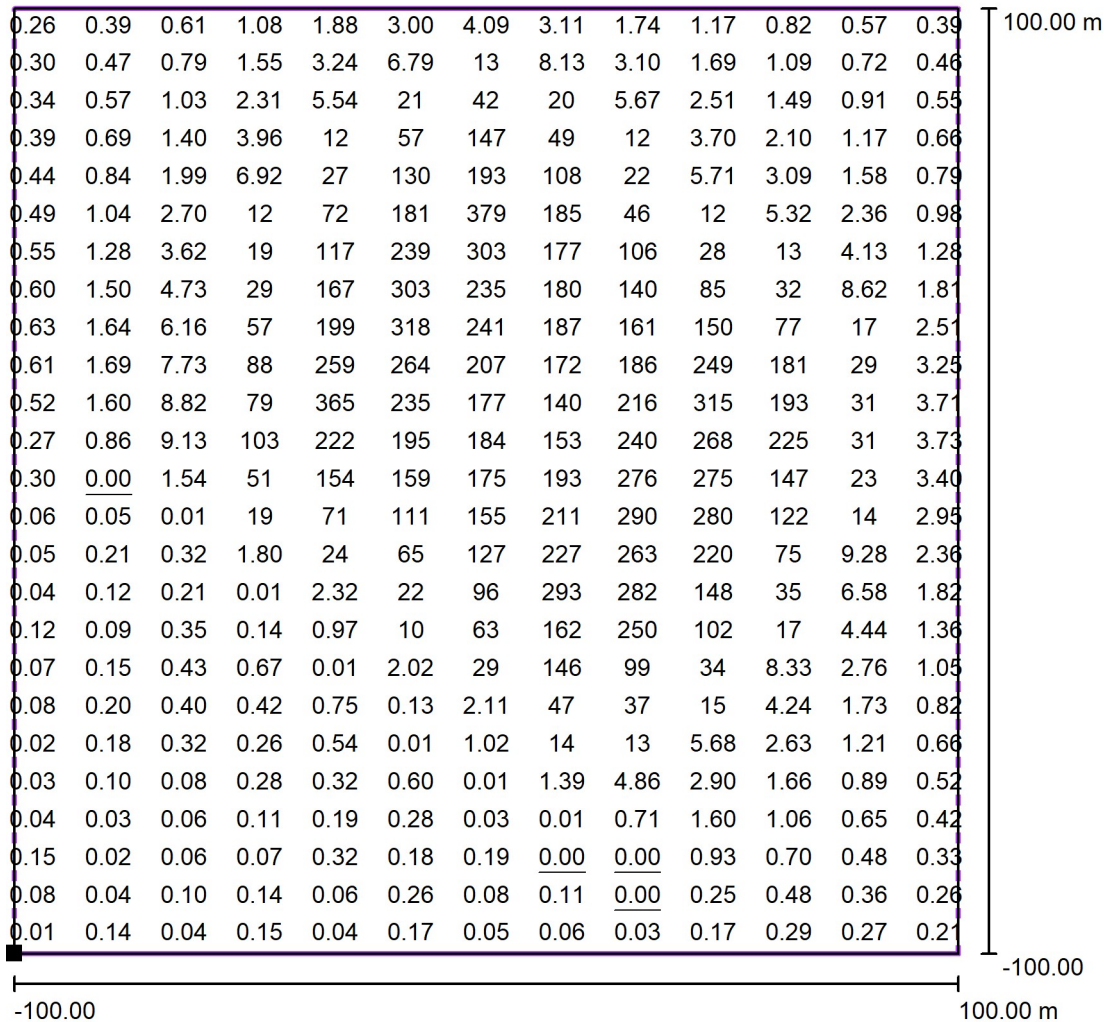
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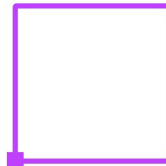
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Exterior Scene 1 / Calculation Grid 1 / Value Chart (E, Perpendicular)

Values in Lux, Scale 1 : 1602

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point: (15.871 m, 42.500 m,
 0.000 m)



Grid: 25 x 25 Points

 E_{av} [lx]
52

 E_{min} [lx]
0.00

 E_{max} [lx]
381

 u_0
0.00

 E_{min} / E_{max}
0.00