

## **Glynneath Rugby Club 200lux 1st Team Pitch**

Site Address :-

Glynneath Rugby Club,  
Heol Y Glyn,  
Glynneath,  
Neath,  
Neath Port Talbot,  
SA11 5BB

Partner for Contact:

Order No.:

Company:

Customer No.:

Date: 04.11.2025

Operator:



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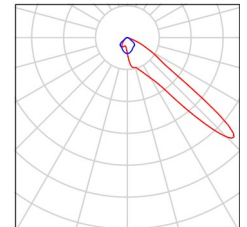


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## Glynneath Rugby Club 200lux 1st Team Pitch / Luminaire parts list

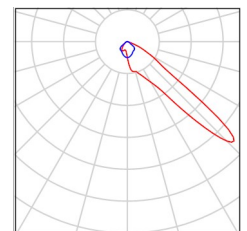
8 Pieces SP04-1K2-5770-F04001X-L39  
Article No.:  
Luminous flux (Luminaire): 148076 lm  
Luminous flux (Lamps): 148080 lm  
Luminaire Wattage: 1194.8 W  
Luminaire classification according to CIE: 100  
CIE flux code: 45 94 100 100 100  
Fitting: 1 x / (Correction Factor 1.000).

See our luminaire  
catalog for an image of  
the luminaire.



8 Pieces SP04-800-5770-F04001X-L39  
Article No.:  
Luminous flux (Luminaire): 97561 lm  
Luminous flux (Lamps): 97561 lm  
Luminaire Wattage: 803.7 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.



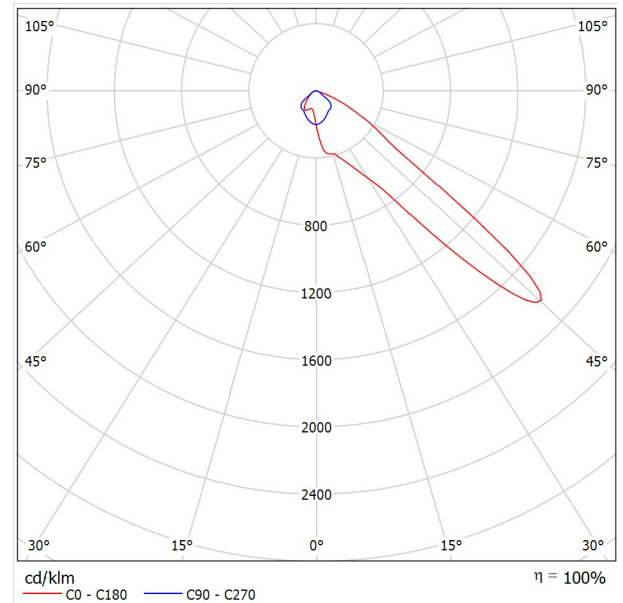


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## SP04-800-5770-F04001X-L39 / Luminaire Data Sheet

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.

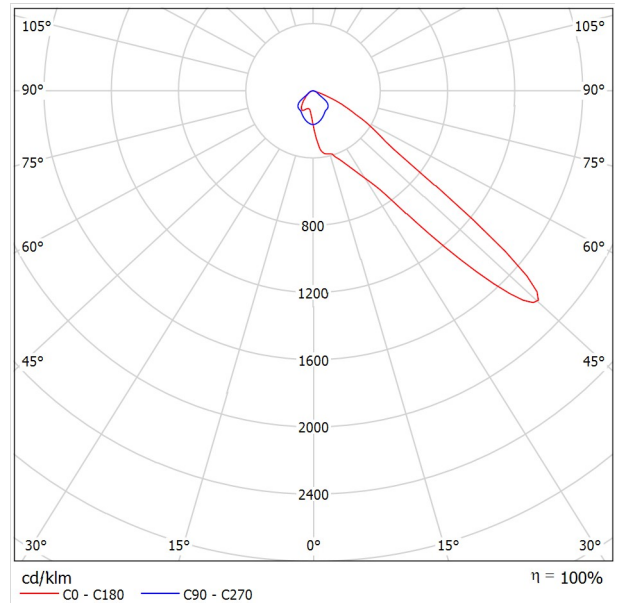


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## SP04-1K2-5770-F04001X-L39 / Luminaire Data Sheet

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): 0.5%

Scale 1:1854

**Luminaire Parts List**

| No.    | Pieces | Designation (Correction Factor)   | $\Phi$ (Luminaire) [lm] | $\Phi$ (Lamps) [lm] | P [W]   |
|--------|--------|-----------------------------------|-------------------------|---------------------|---------|
| 1      | 8      | SP04-1K2-5770-F04001X-L39 (1.000) | 148076                  | 148080              | 1194.8  |
| 2      | 8      | SP04-800-5770-F04001X-L39 (1.000) | 97561                   | 97561               | 803.7   |
| Total: |        |                                   | 1965096                 | Total: 1965128      | 15987.5 |

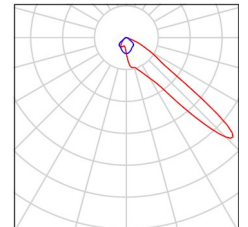


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## Exterior Scene 1 / Luminaire parts list

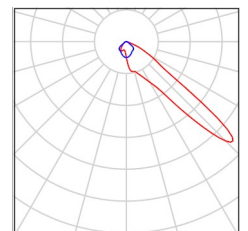
8 Pieces SP04-1K2-5770-F04001X-L39  
Article No.:  
Luminous flux (Luminaire): 148076 lm  
Luminous flux (Lamps): 148080 lm  
Luminaire Wattage: 1194.8 W  
Luminaire classification according to CIE: 100  
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Fitting: 1 x / (Correction Factor 1.000).

See our luminaire  
catalog for an image of  
the luminaire.



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Article No.:  
Luminous flux (Luminaire): 97561 lm  
Luminous flux (Lamps): 97561 lm  
Luminaire Wattage: 803.7 W  
Luminaire classification according to CIE: 100  
CIE flux code: 45 94 100 100 100  
Fitting: 1 x / (Correction Factor 1.000).

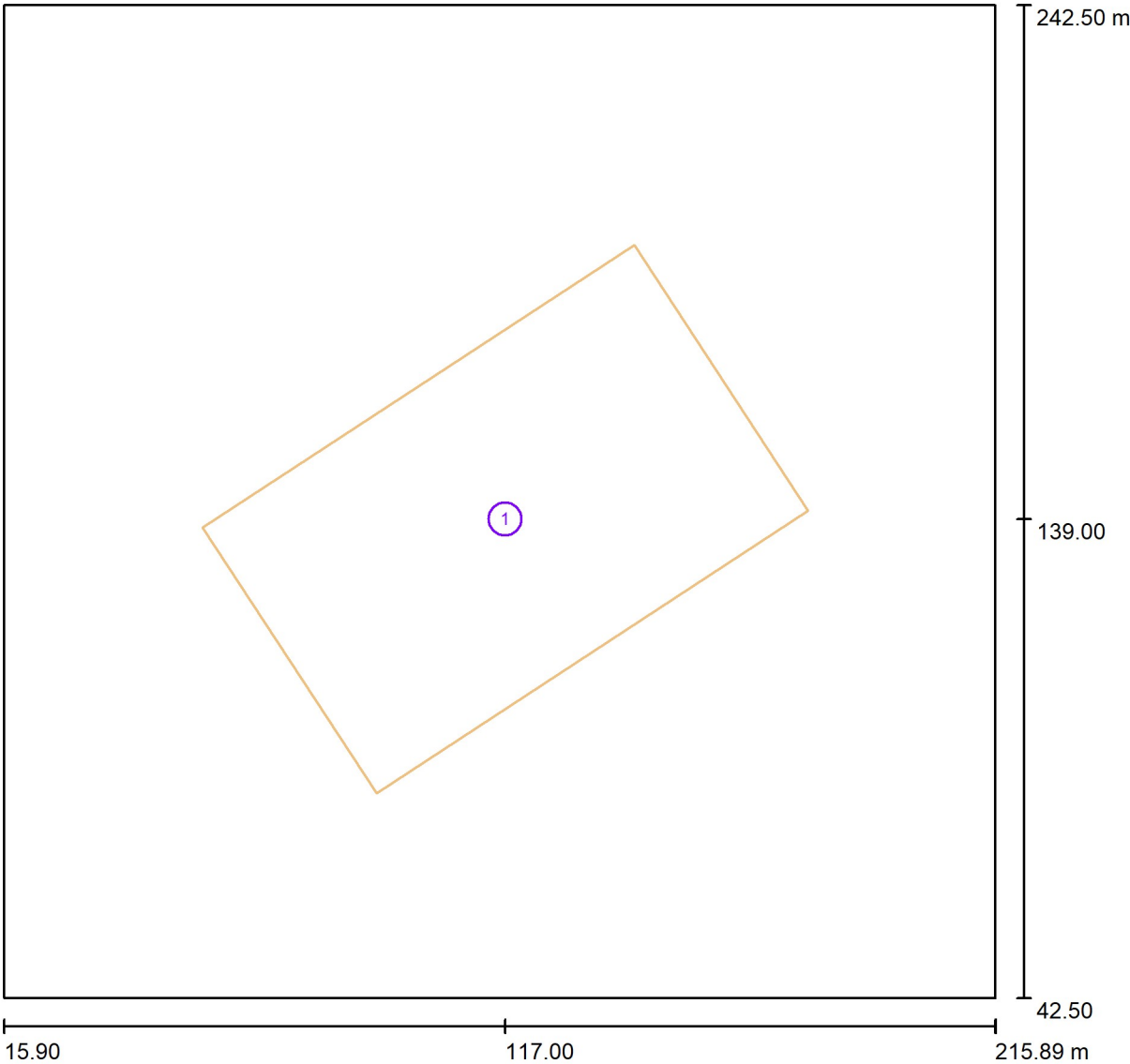
See our luminaire  
catalog for an image of  
the luminaire.





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Exterior Scene 1 / Sport Sites (layout plan)



Scale 1 : 1430

Sport Site Parts List

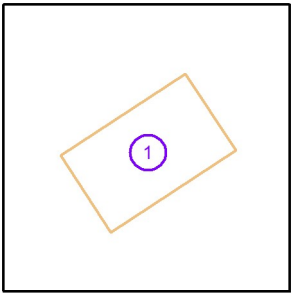
| No. | Pieces | Designation        |
|-----|--------|--------------------|
| 1   | 1      | General Sport Area |



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Exterior Scene 1 / Sport Sites (Coordinates List)

General Sport Area

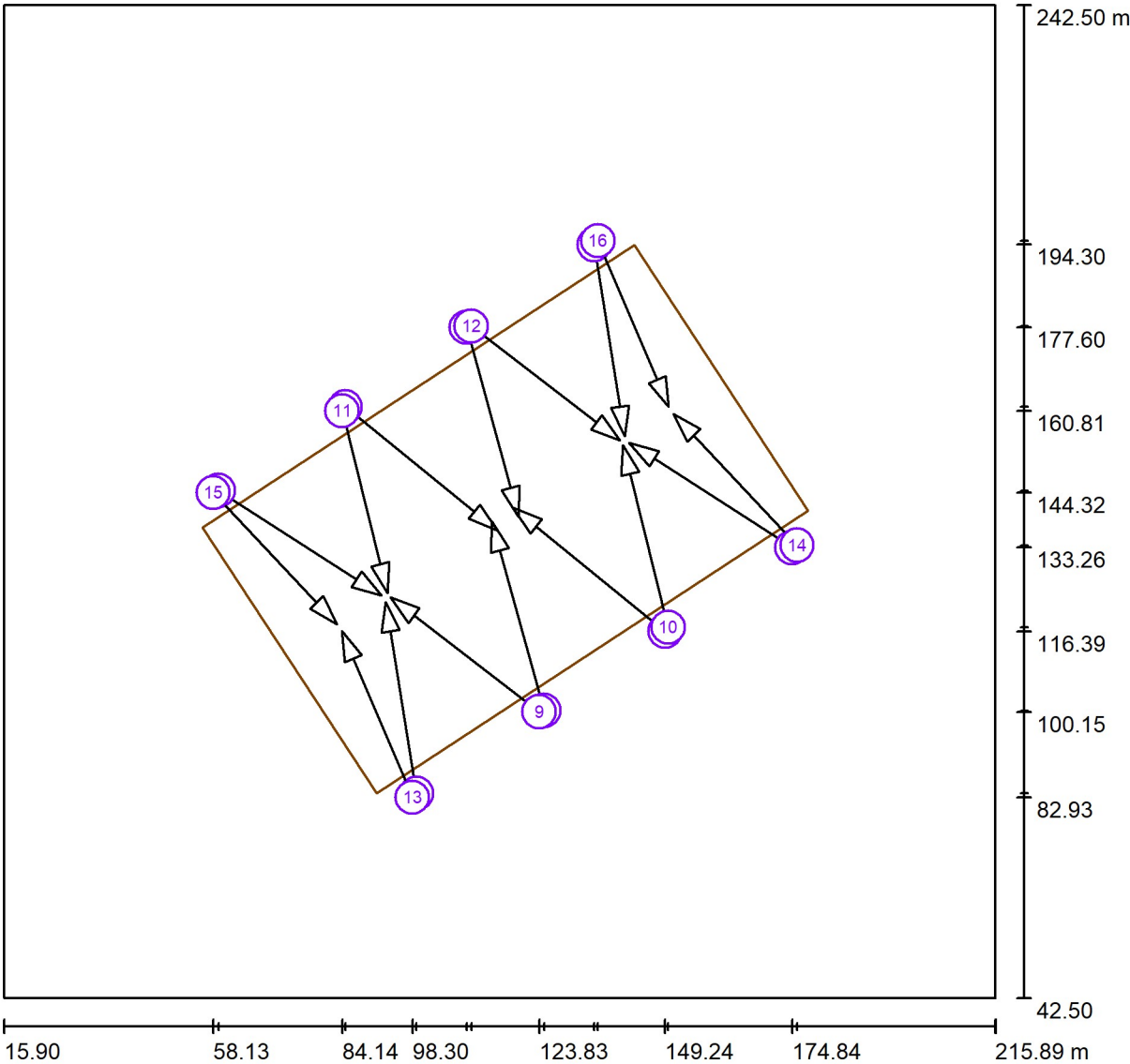


| No. | Position [m] |         |       | Size Playing Area [m] |        | Size Total Area [m] |        | Rotation [°] |     |      |
|-----|--------------|---------|-------|-----------------------|--------|---------------------|--------|--------------|-----|------|
|     | X            | Y       | Z     | L                     | W      | L                   | W      | X            | Y   | Z    |
| 1   | 117.000      | 139.000 | 0.000 | 104.000               | 64.000 | 104.000             | 73.000 | 0.0          | 0.0 | 33.2 |



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Exterior Scene 1 / Sport Luminaires (Coordinates List)



Scale 1 : 1430

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     | 99.100       | 83.700  | 15.000 | 92.900           | 122.300 | 0.000 | 21.0      | (C 0, G IMax) | /    |
| SP04-1K2-5770-F04001X-L39 | 2     | 174.841      | 133.264 | 15.000 | 141.952          | 154.399 | 0.000 | 21.0      | (C 0, G IMax) | /    |
| SP04-1K2-5770-F04001X-L39 | 3     | 59.159       | 144.736 | 15.000 | 92.048           | 123.601 | 0.000 | 21.0      | (C 0, G IMax) | /    |
| SP04-1K2-5770-F04001X-L39 | 4     | 134.900      | 194.300 | 15.000 | 141.100          | 155.700 | 0.000 | 21.0      | (C 0, G IMax) | /    |

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## Exterior Scene 1 / Sport Luminares (Coordinates List)

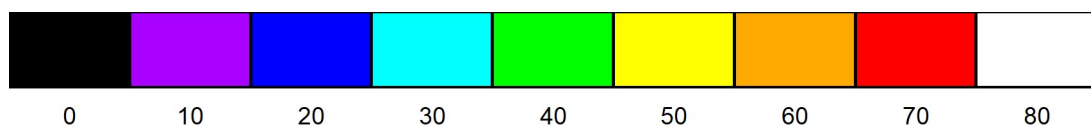
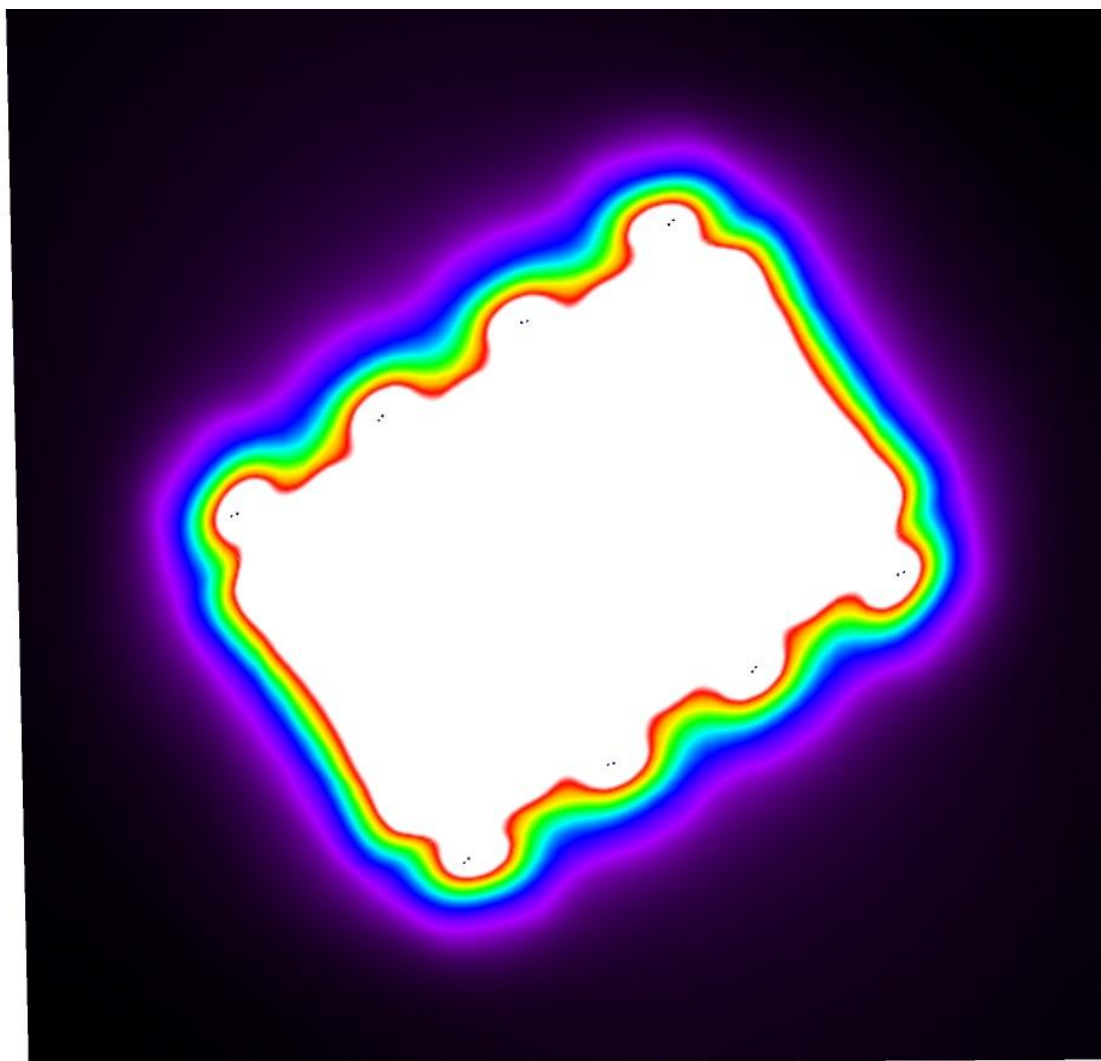
### List of the Sport Luminares

| Luminaire                 | Index | Position [m] |         |        | Aiming Point [m] |         |       | Angle [°] | Alignment     | Pole |
|---------------------------|-------|--------------|---------|--------|------------------|---------|-------|-----------|---------------|------|
|                           |       | X            | Y       | Z      | X                | Y       | Z     |           |               |      |
| SP04-1K2-5770-F04001X-L39 | 5     | 124.810      | 100.400 | 15.000 | 114.300          | 138.500 | 0.000 | 20.8      | (C 0, G IMax) | /    |
| SP04-1K2-5770-F04001X-L39 | 6     | 149.245      | 116.390 | 15.000 | 118.539          | 141.274 | 0.000 | 20.8      | (C 0, G IMax) | /    |
| SP04-1K2-5770-F04001X-L39 | 7     | 84.755       | 161.610 | 15.000 | 115.461          | 136.726 | 0.000 | 20.8      | (C 0, G IMax) | /    |
| SP04-1K2-5770-F04001X-L39 | 8     | 109.190      | 177.600 | 15.000 | 119.700          | 139.500 | 0.000 | 20.8      | (C 0, G IMax) | /    |
| SP04-800-5770-F04001X-L39 | 9     | 123.828      | 100.153 | 15.000 | 93.818           | 123.200 | 0.000 | 21.6      | (C 0, G IMax) | /    |
| SP04-800-5770-F04001X-L39 | 10    | 149.864      | 117.190 | 15.000 | 140.759          | 153.917 | 0.000 | 21.6      | (C 0, G IMax) | /    |
| SP04-800-5770-F04001X-L39 | 11    | 84.136       | 160.810 | 15.000 | 93.241           | 124.083 | 0.000 | 21.6      | (C 0, G IMax) | /    |
| SP04-800-5770-F04001X-L39 | 12    | 110.172      | 177.847 | 15.000 | 140.182          | 154.800 | 0.000 | 21.6      | (C 0, G IMax) | /    |
| SP04-800-5770-F04001X-L39 | 13    | 98.305       | 82.928  | 15.000 | 83.997           | 116.400 | 0.000 | 22.4      | (C 0, G IMax) | /    |
| SP04-800-5770-F04001X-L39 | 14    | 175.867      | 133.683 | 15.000 | 150.923          | 160.195 | 0.000 | 22.4      | (C 0, G IMax) | /    |
| SP04-800-5770-F04001X-L39 | 15    | 58.133       | 144.317 | 15.000 | 83.077           | 117.805 | 0.000 | 22.4      | (C 0, G IMax) | /    |
| SP04-800-5770-F04001X-L39 | 16    | 135.695      | 195.072 | 15.000 | 150.003          | 161.600 | 0.000 | 22.4      | (C 0, G IMax) | /    |



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## Exterior Scene 1 / False Color Rendering

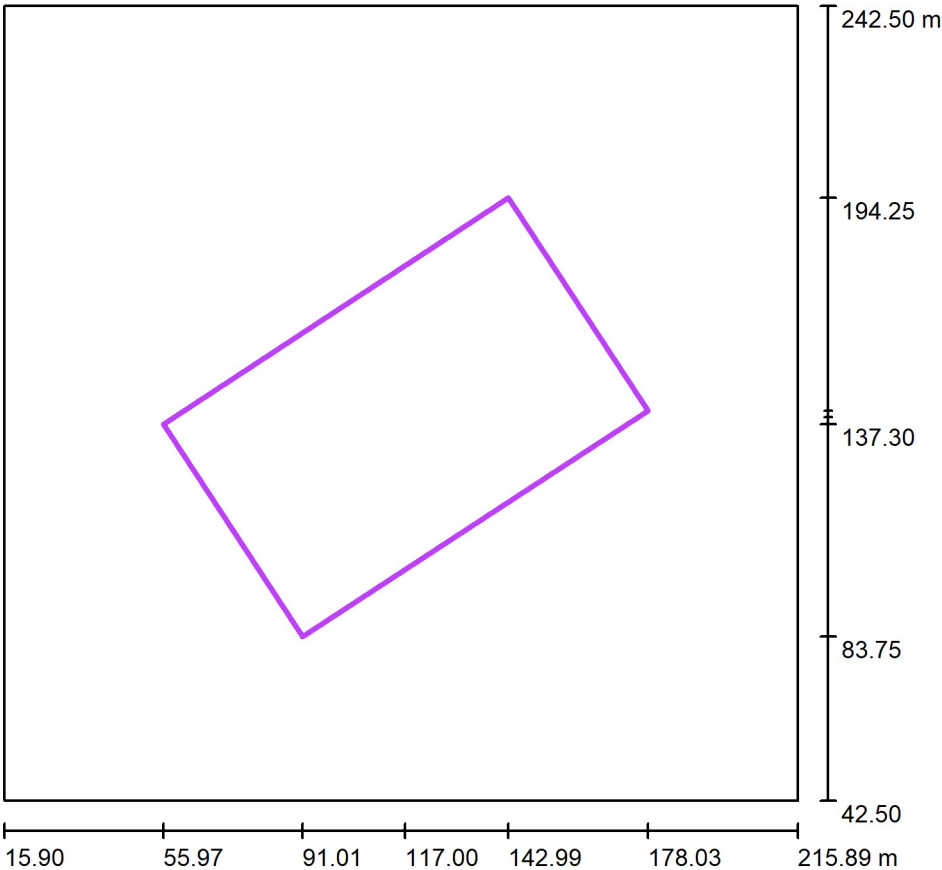


lx



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Exterior Scene 1 / General Sport Area 1 Calculation Grid (PA) / Summary



Scale 1 : 1907

Position: (117.000 m, 139.000 m, 0.000 m)  
Size: (104.000 m, 64.000 m)  
Rotation: (0.0°, 0.0°, 33.2°)  
Type: Normal, Grid: 21 x 13 Points  
Belongs to the following sport arena: General Sport Area 1

Results overview

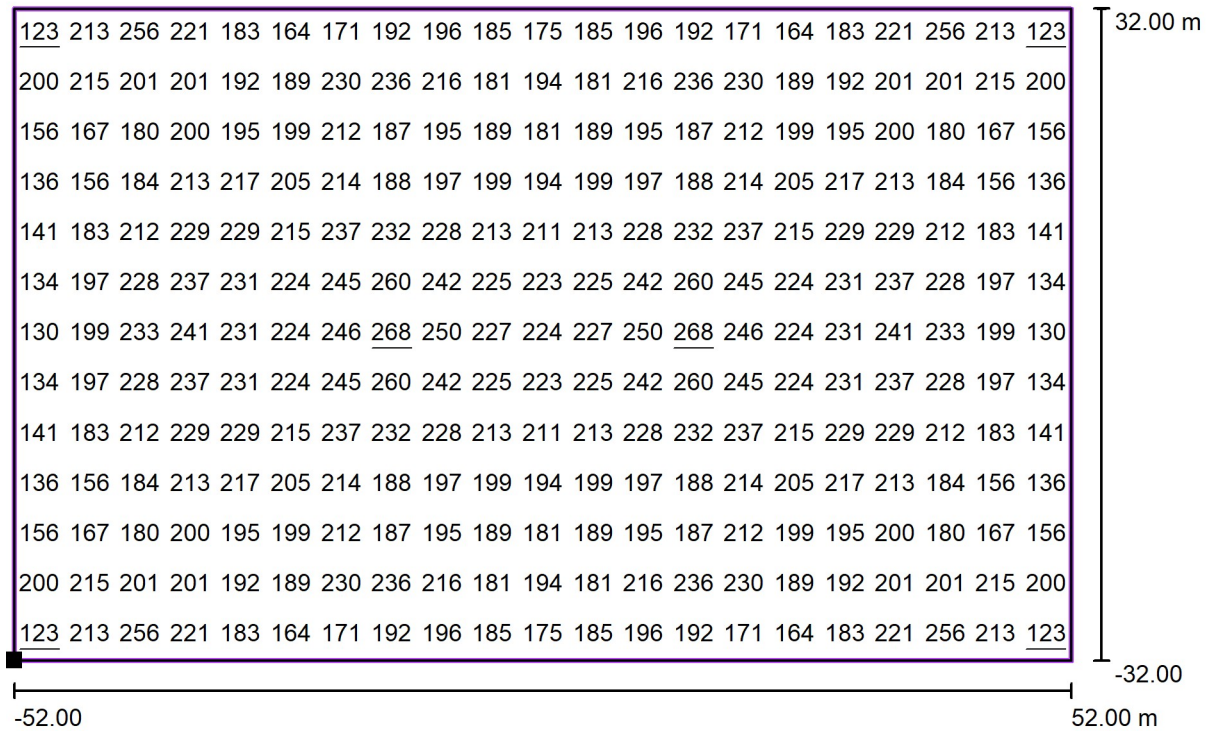
| No. | Type          | E <sub>av</sub> [lx] | E <sub>min</sub> [lx] | E <sub>max</sub> [lx] | u0   | E <sub>min</sub> / E <sub>max</sub> | E <sub>h m</sub> /E <sub>m</sub> | H [m] | Camera |
|-----|---------------|----------------------|-----------------------|-----------------------|------|-------------------------------------|----------------------------------|-------|--------|
| 1   | perpendicular | 203                  | 123                   | 268                   | 0.61 | 0.46                                | /                                | 0.000 | /      |

E<sub>h m</sub>/E<sub>m</sub> = Relationship between middle horizontal and vertical illuminance, H = Measuring Height



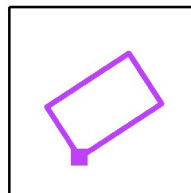
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## Exterior Scene 1 / General Sport Area 1 Calculation Grid (PA) / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 744

Position of surface in external scene:  
Marked point: (91.010 m, 83.750 m,  
0.000 m)



Grid: 21 x 13 Points

$E_{av}$  [lx]  
203

$E_{min}$  [lx]  
123

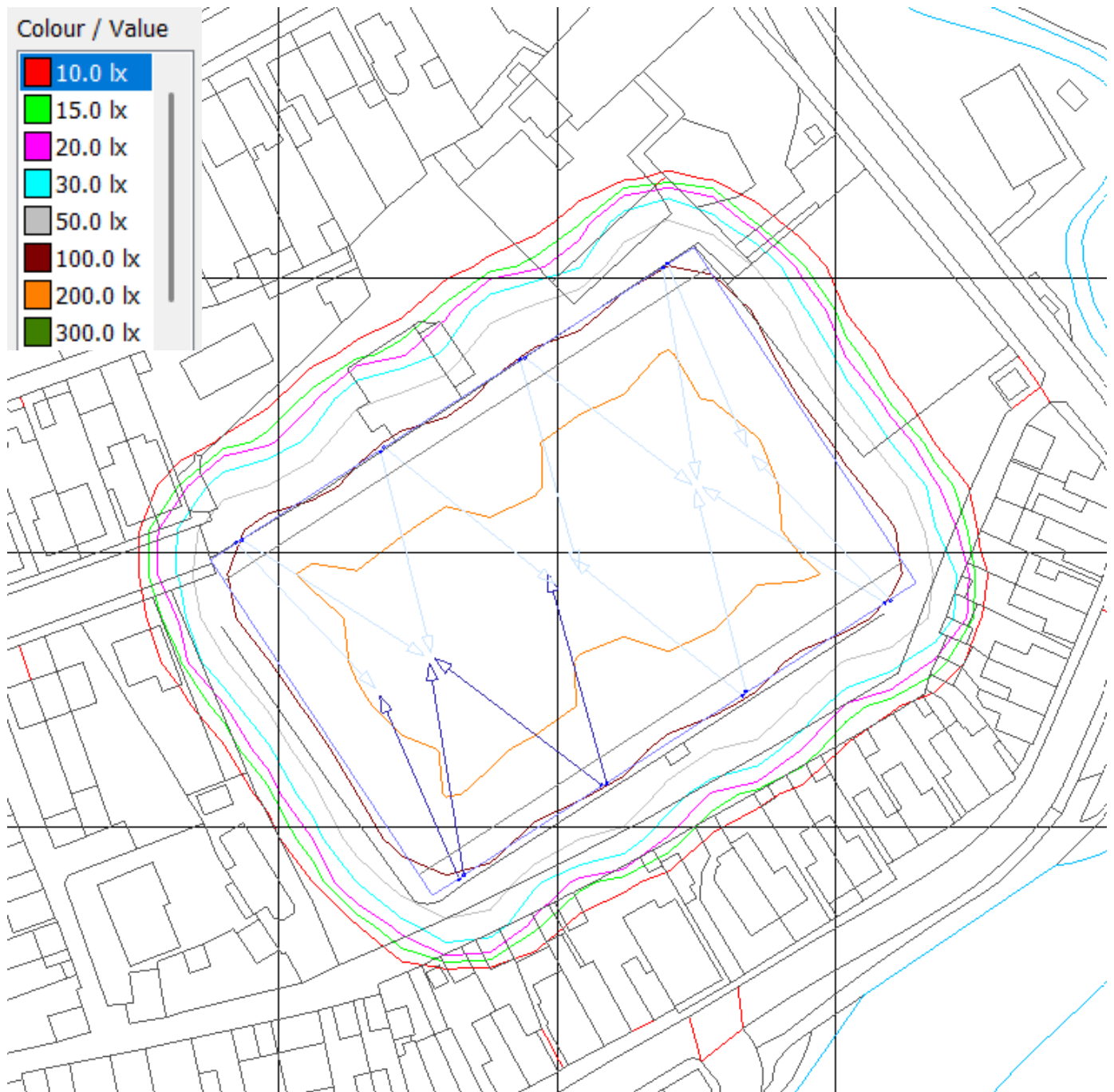
$E_{max}$  [lx]  
268

$u_0$   
0.61

$E_{min} / E_{max}$   
0.46



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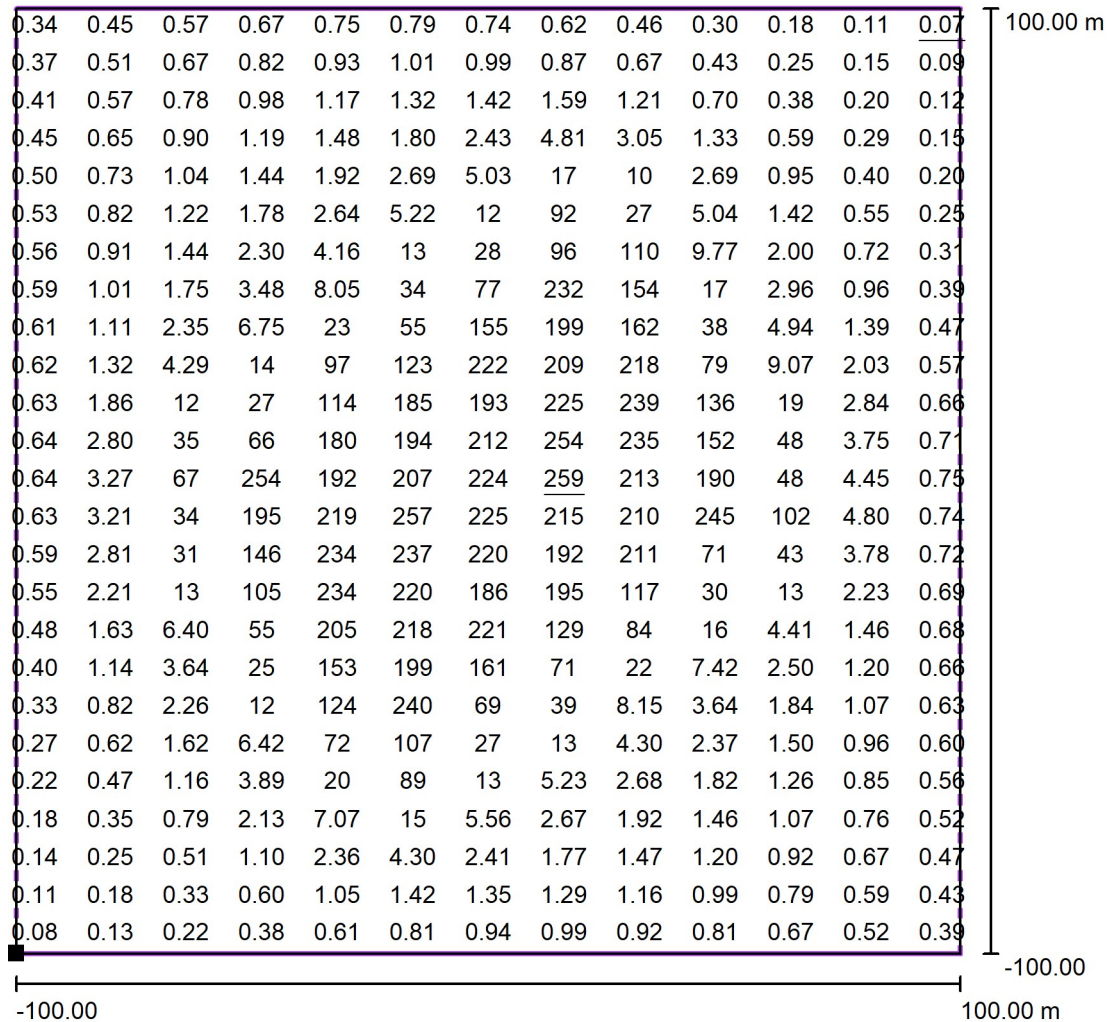
**Exterior Scene 1 / Calculation Grid 1 / Isolines (E, Perpendicular)**

Grid: 25 x 25 Points

 $E_{av}$  [lx]  
43 $E_{min}$  [lx]  
0.07 $E_{max}$  [lx]  
259u0  
0.00 $E_{min} / E_{max}$   
0.00

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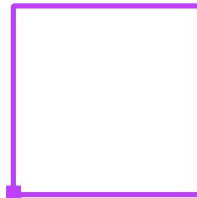
### Exterior Scene 1 / Calculation Grid 1 / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 1602

Not all calculated values could be displayed.

Position of surface in external scene:  
Marked point: (15.900 m, 42.500 m,  
0.000 m)



Grid: 25 x 25 Points

$E_{av}$  [lx]  
43

$E_{min}$  [lx]  
0.07

$E_{max}$  [lx]  
259

$u_0$   
0.00

$E_{min} / E_{max}$   
0.00