

Osvětlení hřiště pro malou kopanou - sportovní areál Bedřichov u Jihlavy

Osvětlení hřiště pro nejvyšší ligu malé kopané včetně televizních přenosů

Požadavky:

$E_h \text{ ave} \geq 1200 \text{ lux}$

$U_{1h} \geq 0,50$

$U_{2h} \geq 0,70$

$E_v \text{ ave} \geq 700 \text{ lux}$

$E_v \text{ min} \geq 350 \text{ lux}$

$U_{1v} \geq 0,40$

$U_{2v} \geq 0,50$

Datum: 17.06.2024

Zpracovatel: Jan Winkler

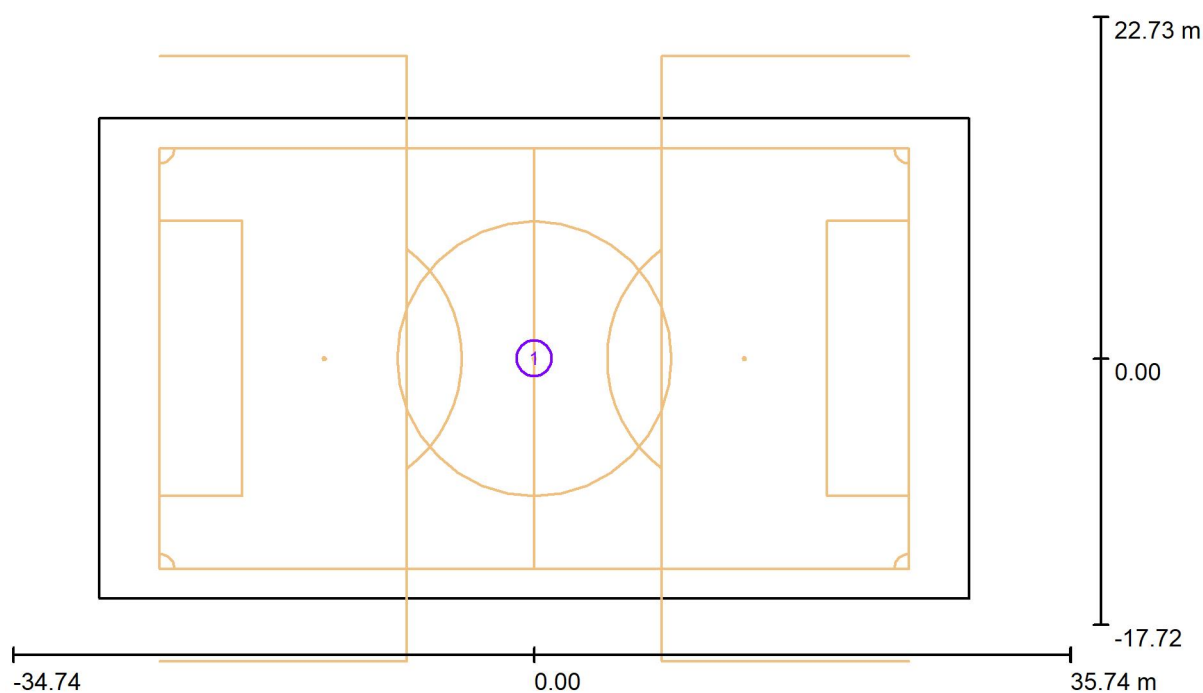
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Osvětlení hřiště pro malou kopanou - sportovní areál Bedřichov u Ji...

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SO-03 - Hřiště pro malou kopanou / Sportoviště (situační plán)

Měřítko 1 : 504

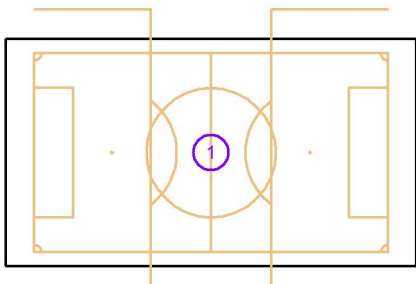
Kusovník sportovišť

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1	1	Fotbalové hřiště

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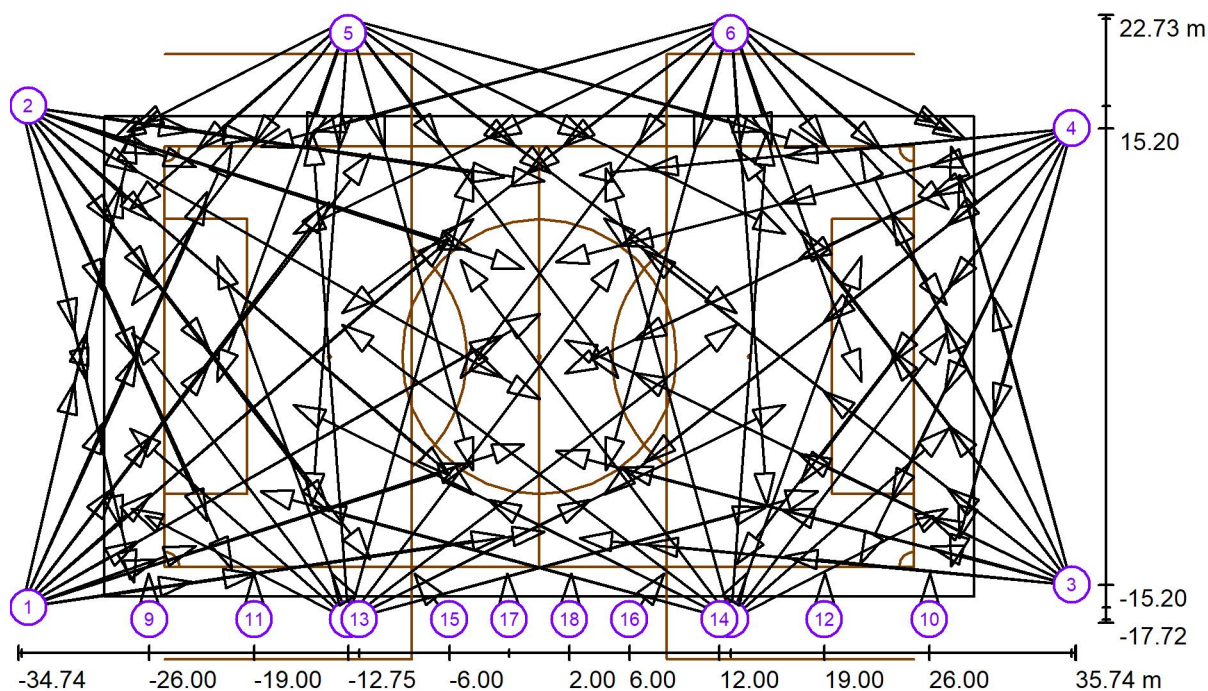
SO-03 - Hřiště pro malou kopanou / Sportoviště (seznam souřadnic)

Fotbalové hřiště



Č.	Pozice [m]			Velikost Hlavní plocha [m]		Velikost Celková plocha [m]		Rotace [°]		
	X	Y	Z	D	Š	D	Š	X	Y	Z
1	0.000	0.000	0.000	50.000	28.000	58.000	32.000	0.0	0.0	0.0

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SO-03 - Hřiště pro malou kopanou / Sportovní svítidla (seznam souřadnic)

Měřítko 1 : 504

Seznam sportovních svítidel

Svítidlo	Index	Pozice [m]			Osvětlovací bod [m]			Osvětlovací úhel [°]	Vyrovnání	Sloup
		X	Y	Z	X	Y	Z			
LED HIGH MAST HM250HE2H-CS D20	1	-34.500	-16.700	22.000	-27.024	15.048	0.000	34.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	1	-34.500	-16.700	22.000	-20.519	14.158	0.000	33.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	1	-34.500	-16.700	22.000	-11.267	13.503	0.000	30.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	1	-34.500	-16.700	22.000	-4.408	9.179	0.000	29.0	(C 90, G IMax)	/

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SO-03 - Hřiště pro malou kopanou / Sportovní svítidla (seznam souřadnic)**Seznam sportovních svítidel**

Svítidlo	Index	Pozice [m]			Osvětlovací bod [m]			Osvětlovací úhel [°]	Vyrovnání	Sloup
		X	Y	Z	X	Y	Z			
LED HIGH MAST HM250HE2H-CS D20	1	-34.500	-16.700	22.000	0.046	2.840	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	1	-34.500	-16.700	22.000	0.347	-11.676	0.000	32.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	1	-34.500	-16.700	22.000	-1.008	-5.843	0.000	32.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	2	-34.500	16.700	22.000	-27.024	-15.048	0.000	34.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	2	-34.500	16.700	22.000	-20.519	-14.158	0.000	33.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	2	-34.500	16.700	22.000	-11.267	-13.503	0.000	30.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	2	-34.500	16.700	22.000	-4.408	-9.179	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	2	-34.500	16.700	22.000	0.046	-2.840	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	2	-34.500	16.700	22.000	0.347	11.676	0.000	32.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	2	-34.500	16.700	22.000	-1.008	5.843	0.000	32.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	1	-34.500	-16.700	22.000	-30.200	1.600	0.000	49.5	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	1	-34.500	-16.700	22.000	-27.900	11.400	0.000	37.3	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	1	-34.500	-16.700	22.000	-14.025	10.290	0.000	33.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	1	-34.500	-16.700	22.000	-6.000	7.900	0.000	30.3	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	1	-34.500	-16.700	22.000	-2.500	1.400	0.000	30.9	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	1	-34.500	-16.700	22.000	-2.367	-11.955	0.000	34.1	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	1	-34.500	-16.700	22.000	-4.570	-7.141	0.000	35.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	1	-34.500	-16.700	22.000	-22.146	10.945	0.000	36.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	2	-34.500	16.700	22.000	-30.200	-1.600	0.000	49.5	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	2	-34.500	16.700	22.000	-27.900	-11.400	0.000	37.3	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	2	-34.500	16.700	22.000	-14.025	-10.290	0.000	33.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	2	-34.500	16.700	22.000	-6.000	-7.900	0.000	30.3	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	2	-34.500	16.700	22.000	-2.500	-1.400	0.000	30.9	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	2	-34.500	16.700	22.000	-2.367	11.955	0.000	34.1	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	2	-34.500	16.700	22.000	-4.570	7.141	0.000	35.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	2	-34.500	16.700	22.000	-22.146	-10.945	0.000	36.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	1	-34.500	-16.700	22.000	-18.900	-14.500	0.000	54.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	1	-34.500	-16.700	22.000	-26.772	0.212	0.000	49.8	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	1	-34.500	-16.700	22.000	-22.058	-0.500	0.000	47.1	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	1	-34.500	-16.700	22.000	-25.900	-9.100	0.000	62.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	1	-34.500	-16.700	22.000	-31.000	-1.700	0.000	55.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	1	-34.500	-16.700	22.000	-23.200	-15.000	0.000	62.6	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	2	-34.500	16.700	22.000	-18.900	14.500	0.000	54.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	2	-34.500	16.700	22.000	-26.772	-0.212	0.000	49.8	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	2	-34.500	16.700	22.000	-22.058	0.500	0.000	47.1	(C 90, G IMax)	/

LED HIGH MAST
HM250HE2H-CS D40

2 -34.500 16.700 22.000 -25.900 9.100 0.000

62.4 (C 90, G IMax) /

DIALux 4.13 by DIAL GmbH

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SO-03 - Hřiště pro malou kopanou / Sportovní svítidla (seznam souřadnic)**Seznam sportovních svítidel**

Svítidlo	Index	Pozice [m]			Osvětlovací bod [m]			Osvětlovací úhel [°]	Vyrovnání	Sloup
		X	Y	Z	X	Y	Z			
LED HIGH MAST HM250HE2H-CS D40	2	-34.500	16.700	22.000	-31.000	1.700	0.000	55.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	2	-34.500	16.700	22.000	-23.200	15.000	0.000	62.6	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	1	-34.500	-16.700	22.000	-25.840	-5.300	0.000	56.9	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	1	-34.500	-16.700	22.000	-29.000	-4.321	0.000	58.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	1	-34.500	-16.700	22.000	-28.343	-8.733	0.000	65.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	1	-34.500	-16.700	22.000	-26.800	-12.300	0.000	68.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	2	-34.500	16.700	22.000	-25.840	5.300	0.000	56.9	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	2	-34.500	16.700	22.000	-29.000	4.321	0.000	58.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	2	-34.500	16.700	22.000	-28.343	8.733	0.000	65.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	2	-34.500	16.700	22.000	-26.800	12.300	0.000	68.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	3	35.500	-15.200	22.000	27.457	13.993	0.000	36.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	3	35.500	-15.200	22.000	21.385	13.786	0.000	34.3	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	3	35.500	-15.200	22.000	13.131	13.787	0.000	31.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	3	35.500	-15.200	22.000	2.700	-12.100	0.000	33.7	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	3	35.500	-15.200	22.000	4.300	9.200	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	3	35.500	-15.200	22.000	1.708	1.103	0.000	30.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	3	35.500	-15.200	22.000	1.100	-6.300	0.000	31.8	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	4	35.500	15.200	22.000	27.457	-13.993	0.000	36.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	4	35.500	15.200	22.000	21.385	-13.786	0.000	34.3	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	4	35.500	15.200	22.000	13.131	-13.787	0.000	31.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	4	35.500	15.200	22.000	2.700	12.100	0.000	33.7	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	4	35.500	15.200	22.000	4.300	-9.200	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	4	35.500	15.200	22.000	1.708	-1.103	0.000	30.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	4	35.500	15.200	22.000	1.100	6.300	0.000	31.8	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	3	35.500	-15.200	22.000	7.000	7.054	0.000	31.3	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	3	35.500	-15.200	22.000	7.100	-12.500	0.000	37.6	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	3	35.500	-15.200	22.000	23.482	9.600	0.000	38.6	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	3	35.500	-15.200	22.000	28.000	12.100	0.000	37.8	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	3	35.500	-15.200	22.000	17.400	8.400	0.000	36.5	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	3	35.500	-15.200	22.000	6.300	-1.100	0.000	34.2	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	3	35.500	-15.200	22.000	5.400	-7.400	0.000	35.3	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	4	35.500	15.200	22.000	7.000	-7.054	0.000	31.3	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	4	35.500	15.200	22.000	7.100	12.500	0.000	37.6	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	4	35.500	15.200	22.000	23.482	-9.600	0.000	38.6	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	4	35.500	15.200	22.000	28.000	-12.100	0.000	37.8	(C 90, G IMax)	/

LED HIGH MAST
HM250HE2H-CS D20

4

35.500

15.200

22.000

17.400

-8.400

0.000

36.5

(C 90, G IMax) /

DIALux 4.13 by DIAL GmbH

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		X	Y	Z	X	Y	Z			
LED HIGH MAST HM250HE2H-CS D20	4	35.500	15.200	22.000	6.300	1.100	0.000	34.2	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	4	35.500	15.200	22.000	5.400	7.400	0.000	35.3	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	3	35.500	-15.200	22.000	30.296	3.913	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	3	35.500	-15.200	22.000	27.005	2.418	0.000	48.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	3	35.500	-15.200	22.000	23.403	0.486	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	3	35.500	-15.200	22.000	18.943	-2.312	0.000	46.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	3	35.500	-15.200	22.000	16.400	-13.300	0.000	48.9	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	3	35.500	-15.200	22.000	17.276	-6.475	0.000	47.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	3	35.500	-15.200	22.000	16.178	-10.242	0.000	47.8	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	4	35.500	15.200	22.000	30.296	-3.913	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	4	35.500	15.200	22.000	27.005	-2.418	0.000	48.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	4	35.500	15.200	22.000	23.403	-0.486	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	4	35.500	15.200	22.000	18.943	2.312	0.000	46.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	4	35.500	15.200	22.000	16.400	13.300	0.000	48.9	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	4	35.500	15.200	22.000	17.276	6.475	0.000	47.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	4	35.500	15.200	22.000	16.178	10.242	0.000	47.8	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	5	-12.750	22.500	18.000	5.260	-1.439	0.000	31.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	5	-12.750	22.500	18.000	-27.141	3.435	0.000	37.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	5	-12.750	22.500	18.000	-27.292	9.807	0.000	43.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	5	-12.750	22.500	18.000	-27.186	15.133	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	5	-12.750	22.500	18.000	15.070	15.027	0.000	32.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	5	-12.750	22.500	18.000	3.399	14.550	0.000	45.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	5	-12.750	22.500	18.000	-27.186	15.133	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	5	-12.750	22.500	18.000	-15.166	-9.883	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	5	-12.750	22.500	18.000	16.404	8.198	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	5	-12.750	22.500	18.000	-21.466	-1.684	0.000	35.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	5	-12.750	22.500	18.000	13.138	2.896	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	5	-12.750	22.500	18.000	18.585	13.979	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	5	-12.750	22.500	18.000	-4.456	-7.554	0.000	30.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	6	12.750	22.500	18.000	-5.260	-1.439	0.000	31.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	6	12.750	22.500	18.000	27.141	3.435	0.000	37.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	6	12.750	22.500	18.000	27.292	9.807	0.000	43.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	6	12.750	22.500	18.000	27.186	15.133	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	6	12.750	22.500	18.000	-15.070	15.027	0.000	32.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	6	12.750	22.500	18.000	-3.399	14.550	0.000	45.0	(C 90, G IMax)	/

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SO-03 - Hřiště pro malou kopanou / Sportovní svítidla (seznam souřadnic)**Seznam sportovních svítidel**

Svítidlo	Index	Pozice [m]			Osvětlovací bod [m]			Osvětlovací úhel [°]	Vyrovnání	Sloup
		X	Y	Z	X	Y	Z			
LED HIGH MAST HM250HE2H-CS D20	6	12.750	22.500	18.000	15.166	-9.883	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	6	12.750	22.500	18.000	-16.404	8.198	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	6	12.750	22.500	18.000	21.466	-1.684	0.000	35.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	6	12.750	22.500	18.000	-13.138	2.896	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	6	12.750	22.500	18.000	-18.585	13.979	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	6	12.750	22.500	18.000	4.456	-7.554	0.000	30.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	7	-12.750	-17.500	18.000	5.260	6.439	0.000	31.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	7	-12.750	-17.500	18.000	-27.141	1.565	0.000	37.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	7	-12.750	-17.500	18.000	-27.292	-4.807	0.000	43.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	7	-12.750	-17.500	18.000	-27.186	-10.133	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	7	-12.750	-17.500	18.000	15.070	-10.027	0.000	32.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	7	-12.750	-17.500	18.000	3.399	-9.550	0.000	45.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	7	-12.750	-17.500	18.000	-27.186	-10.133	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	7	-12.750	-17.500	18.000	-15.166	14.883	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	7	-12.750	-17.500	18.000	16.404	-3.198	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	7	-12.750	-17.500	18.000	-21.466	6.684	0.000	35.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	7	-12.750	-17.500	18.000	13.138	2.104	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	7	-12.750	-17.500	18.000	18.585	-8.979	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	7	-12.750	-17.500	18.000	-4.456	12.554	0.000	30.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	8	12.750	-17.500	18.000	-5.260	6.439	0.000	31.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	8	12.750	-17.500	18.000	27.141	1.565	0.000	37.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	8	12.750	-17.500	18.000	27.292	-4.807	0.000	43.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	8	12.750	-17.500	18.000	27.186	-10.133	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	8	12.750	-17.500	18.000	-15.070	-10.027	0.000	32.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	8	12.750	-17.500	18.000	-3.399	-9.550	0.000	45.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	8	12.750	-17.500	18.000	27.186	-10.133	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	8	12.750	-17.500	18.000	15.166	14.883	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	8	12.750	-17.500	18.000	-16.404	-3.198	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	8	12.750	-17.500	18.000	21.466	6.684	0.000	35.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	8	12.750	-17.500	18.000	-13.138	2.104	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	8	12.750	-17.500	18.000	-18.585	-8.979	0.000	29.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D20	8	12.750	-17.500	18.000	4.456	12.554	0.000	30.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	5	-12.750	22.500	18.000	0.800	12.200	0.000	46.6	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	5	-12.750	22.500	18.000	-19.134	14.000	0.000	59.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	5	-12.750	22.500	18.000	-22.810	13.800	0.000	53.5	(C 90, G IMax)	/

LED HIGH MAST
HM250HE2H-CS D40

5 -12.750 22.500 18.000 -28.400 14.500 0.000

45.7 (C 90, G IMax) /

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SO-03 - Hřiště pro malou kopanou / Sportovní svítidla (seznam souřadnic)

Seznam sportovních svítidel

Svítidlo	Index	Pozice [m]			Osvětlovací bod [m]			Osvětlovací úhel [°]	Vyrovnání	Sloup
		X	Y	Z	X	Y	Z			
LED HIGH MAST HM250HE2H-CS D40	5	-12.750	22.500	18.000	-1.589	14.000	0.000	52.1	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	5	-12.750	22.500	18.000	-15.500	14.100	0.000	63.8	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	5	-12.750	22.500	18.000	-13.325	13.900	0.000	64.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	5	-12.750	22.500	18.000	-10.321	13.900	0.000	63.6	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	5	-12.750	22.500	18.000	-28.400	14.500	0.000	45.7	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	5	-12.750	22.500	18.000	-6.600	14.100	0.000	60.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	6	12.750	22.500	18.000	-0.800	12.200	0.000	46.6	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	6	12.750	22.500	18.000	19.134	14.000	0.000	59.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	6	12.750	22.500	18.000	22.810	13.800	0.000	53.5	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	6	12.750	22.500	18.000	28.400	14.500	0.000	45.7	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	6	12.750	22.500	18.000	1.589	14.000	0.000	52.1	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	6	12.750	22.500	18.000	15.500	14.100	0.000	63.8	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	6	12.750	22.500	18.000	13.325	13.900	0.000	64.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	6	12.750	22.500	18.000	10.321	13.900	0.000	63.6	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	6	12.750	22.500	18.000	28.400	14.500	0.000	45.7	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	6	12.750	22.500	18.000	6.600	14.100	0.000	60.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	3	35.500	-15.200	22.000	27.200	-8.756	0.000	64.5	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	3	35.500	-15.200	22.000	27.300	-4.600	0.000	58.7	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	4	35.500	15.200	22.000	27.200	8.756	0.000	64.5	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D40	4	35.500	15.200	22.000	27.300	4.600	0.000	58.7	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	3	35.500	-15.200	8.000	26.100	-10.703	0.000	37.5	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	3	35.500	-15.200	8.000	26.100	-12.649	0.000	39.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	4	35.500	15.200	8.000	26.100	10.703	0.000	37.5	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	4	35.500	15.200	8.000	26.100	12.649	0.000	39.4	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	1	-34.500	-16.700	8.000	-25.500	-13.500	0.000	39.9	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	1	-34.500	-16.700	8.000	-22.900	-12.603	0.000	33.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	2	-34.500	16.700	8.000	-25.500	13.500	0.000	39.9	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	2	-34.500	16.700	8.000	-22.900	12.603	0.000	33.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	9	-26.000	-17.500	3.400	-26.030	-14.439	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	10	26.000	-17.500	3.400	26.030	-14.439	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	11	-19.000	-17.500	3.400	-19.030	-14.439	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	12	19.000	-17.500	3.400	19.030	-14.439	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	13	-12.000	-17.500	3.400	-13.848	-14.439	0.000	43.6	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	14	12.000	-17.500	3.400	13.848	-14.439	0.000	43.6	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	15	-6.000	-17.500	3.400	-8.344	-14.439	0.000	41.4	(C 90, G IMax)	/

LED HIGH MAST
HM250HE2H-CS D60

16	6.000	-17.500	3.400	8.344	-14.439	0.000
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41.4 (C 90, G IMax) /

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Strana 10

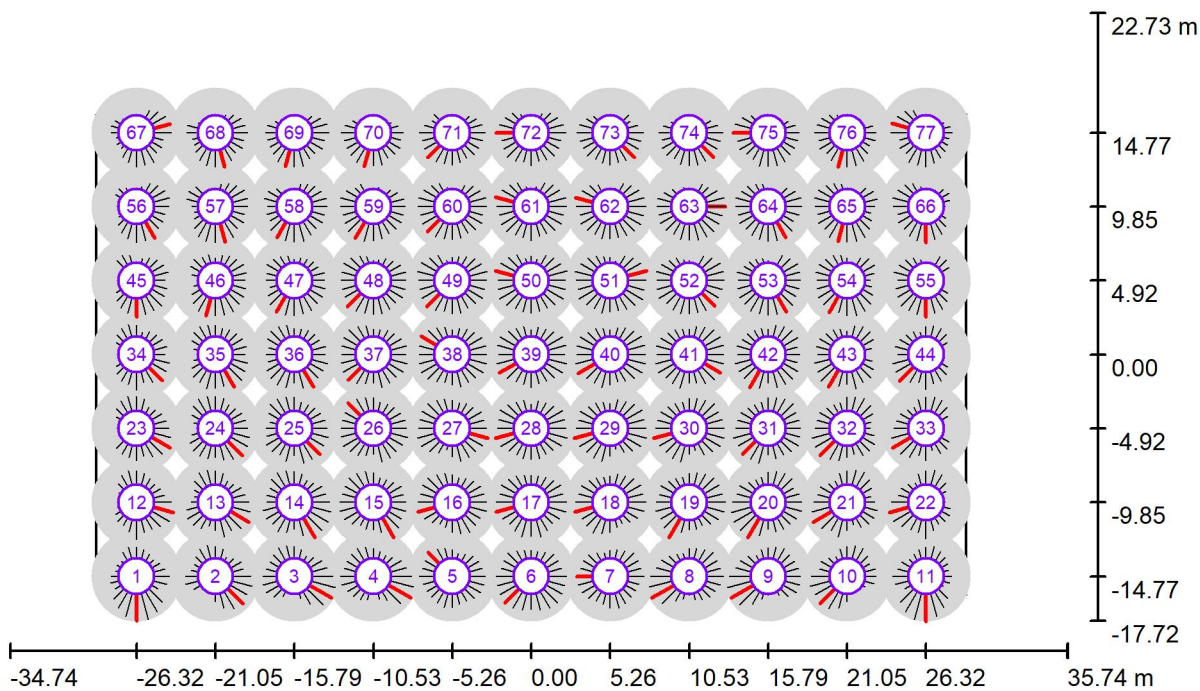
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SO-03 - Hřiště pro malou kopanou / Sportovní svítidla (seznam souřadnic)**Seznam sportovních svítidel**

Svítidlo	Index	Pozice [m]			Osvětlovací bod [m]			Osvětlovací úhel [°]	Vyrovnání	Sloup
		X	Y	Z	X	Y	Z			
LED HIGH MAST HM250HE2H-CS D60	17	-2.000	-17.500	3.400	-2.123	-14.439	0.000	48.0	(C 90, G IMax)	/
LED HIGH MAST HM250HE2H-CS D60	18	2.000	-17.500	3.400	2.123	-14.439	0.000	48.0	(C 90, G IMax)	/

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SO-03 - Hřiště pro malou kopanou / Pozorovatel GR (přehled výsledků)



Měřítko 1 : 504

Seznam výpočtových bodů GR

Č.	Označení	Pozice [m]			Start	Rozsah zorného úhlu [°]		Sklon	Max
		X	Y	Z		Konec	Délka kroku		
1	GR Observer 62	-26.316	-14.769	1.600	0.0	360.0	15.0	-2.0	43 ²⁾
2	GR Observer 63	-21.053	-14.769	1.600	0.0	360.0	15.0	-2.0	37 ²⁾
3	GR Observer 64	-15.789	-14.769	1.600	0.0	360.0	15.0	-2.0	42 ²⁾
4	GR Observer 65	-10.526	-14.769	1.600	0.0	360.0	15.0	-2.0	42 ²⁾

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SO-03 - Hřiště pro malou kopanou / Pozorovatel GR (přehled výsledků)

Seznam výpočtových bodů GR

Č.	Označení	Pozice [m]			Rozsah zorného úhlu [°]				Max
		X	Y	Z	Start	Konec	Délka kroku	Sklon	
5	GR Observer 66	-5.263	-14.769	1.600	0.0	360.0	15.0	-2.0	33 ²⁾
6	GR Observer 67	0.000	-14.769	1.600	0.0	360.0	15.0	-2.0	36 ²⁾
7	GR Observer 68	5.263	-14.769	1.600	0.0	360.0	15.0	-2.0	33 ²⁾
8	GR Observer 69	10.526	-14.769	1.600	0.0	360.0	15.0	-2.0	42 ²⁾
9	GR Observer 70	15.789	-14.769	1.600	0.0	360.0	15.0	-2.0	42 ²⁾
10	GR Observer 71	21.053	-14.769	1.600	0.0	360.0	15.0	-2.0	37 ²⁾
11	GR Observer 72	26.316	-14.769	1.600	0.0	360.0	15.0	-2.0	44 ²⁾
12	GR Observer 81	-26.316	-9.846	1.600	0.0	360.0	15.0	-2.0	37 ²⁾
13	GR Observer 82	-21.053	-9.846	1.600	0.0	360.0	15.0	-2.0	38 ²⁾
14	GR Observer 83	-15.789	-9.846	1.600	0.0	360.0	15.0	-2.0	39 ²⁾
15	GR Observer 84	-10.526	-9.846	1.600	0.0	360.0	15.0	-2.0	39 ²⁾
16	GR Observer 85	-5.263	-9.846	1.600	0.0	360.0	15.0	-2.0	34 ²⁾
17	GR Observer 86	0.000	-9.846	1.600	0.0	360.0	15.0	-2.0	36 ²⁾
18	GR Observer 87	5.263	-9.846	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
19	GR Observer 88	10.526	-9.846	1.600	0.0	360.0	15.0	-2.0	39 ²⁾
20	GR Observer 89	15.789	-9.846	1.600	0.0	360.0	15.0	-2.0	39 ²⁾
21	GR Observer 90	21.053	-9.846	1.600	0.0	360.0	15.0	-2.0	38 ²⁾
22	GR Observer 91	26.316	-9.846	1.600	0.0	360.0	15.0	-2.0	37 ²⁾
23	GR Observer 100	-26.316	-4.923	1.600	0.0	360.0	15.0	-2.0	37 ²⁾
24	GR Observer 101	-21.053	-4.923	1.600	0.0	360.0	15.0	-2.0	37 ²⁾
25	GR Observer 102	-15.789	-4.923	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
26	GR Observer 103	-10.526	-4.923	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
27	GR Observer 104	-5.263	-4.923	1.600	0.0	360.0	15.0	-2.0	36 ²⁾
28	GR Observer 105	0.000	-4.923	1.600	0.0	360.0	15.0	-2.0	36 ²⁾
29	GR Observer 106	5.263	-4.923	1.600	0.0	360.0	15.0	-2.0	36 ²⁾
30	GR Observer 107	10.526	-4.923	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
31	GR Observer 108	15.789	-4.923	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
32	GR Observer 109	21.053	-4.923	1.600	0.0	360.0	15.0	-2.0	37 ²⁾
33	GR Observer 110	26.316	-4.923	1.600	0.0	360.0	15.0	-2.0	38 ²⁾
34	GR Observer 119	-26.316	0.000	1.600	0.0	360.0	15.0	-2.0	36 ²⁾
35	GR Observer 120	-21.053	0.000	1.600	0.0	360.0	15.0	-2.0	36 ²⁾
36	GR Observer 121	-15.789	0.000	1.600	0.0	360.0	15.0	-2.0	36 ²⁾
37	GR Observer 122	-10.526	0.000	1.600	0.0	360.0	15.0	-2.0	34 ²⁾
38	GR Observer 123	-5.263	0.000	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
39	GR Observer 124	0.000	0.000	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
40	GR Observer 125	5.263	0.000	1.600	0.0	360.0	15.0	-2.0	36 ²⁾

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SO-03 - Hřiště pro malou kopanou / Pozorovatel GR (přehled výsledků)

Seznam výpočtových bodů GR

Č.	Označení	Pozice [m]			Rozsah zorného úhlu [°]				Max
		X	Y	Z	Start	Konec	Délka kroku	Sklon	
41	GR Observer 126	10.526	0.000	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
42	GR Observer 127	15.789	0.000	1.600	0.0	360.0	15.0	-2.0	36 ²⁾
43	GR Observer 128	21.053	0.000	1.600	0.0	360.0	15.0	-2.0	36 ²⁾
44	GR Observer 129	26.316	0.000	1.600	0.0	360.0	15.0	-2.0	36 ²⁾
45	GR Observer 138	-26.316	4.923	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
46	GR Observer 139	-21.053	4.923	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
47	GR Observer 140	-15.789	4.923	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
48	GR Observer 141	-10.526	4.923	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
49	GR Observer 142	-5.263	4.923	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
50	GR Observer 143	0.000	4.923	1.600	0.0	360.0	15.0	-2.0	36 ²⁾
51	GR Observer 144	5.263	4.923	1.600	0.0	360.0	15.0	-2.0	36 ²⁾
52	GR Observer 145	10.526	4.923	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
53	GR Observer 146	15.789	4.923	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
54	GR Observer 147	21.053	4.923	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
55	GR Observer 148	26.316	4.923	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
56	GR Observer 157	-26.316	9.846	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
57	GR Observer 158	-21.053	9.846	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
58	GR Observer 159	-15.789	9.846	1.600	0.0	360.0	15.0	-2.0	34 ²⁾
59	GR Observer 160	-10.526	9.846	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
60	GR Observer 161	-5.263	9.846	1.600	0.0	360.0	15.0	-2.0	34 ²⁾
61	GR Observer 162	0.000	9.846	1.600	0.0	360.0	15.0	-2.0	36 ²⁾
62	GR Observer 163	5.263	9.846	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
63	GR Observer 164	10.526	9.846	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
64	GR Observer 165	15.789	9.846	1.600	0.0	360.0	15.0	-2.0	34 ²⁾
65	GR Observer 166	21.053	9.846	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
66	GR Observer 167	26.316	9.846	1.600	0.0	360.0	15.0	-2.0	35 ²⁾
67	GR Observer 176	-26.316	14.769	1.600	0.0	360.0	15.0	-2.0	34 ²⁾
68	GR Observer 177	-21.053	14.769	1.600	0.0	360.0	15.0	-2.0	34 ²⁾
69	GR Observer 178	-15.789	14.769	1.600	0.0	360.0	15.0	-2.0	34 ²⁾
70	GR Observer 179	-10.526	14.769	1.600	0.0	360.0	15.0	-2.0	34 ²⁾
71	GR Observer 180	-5.263	14.769	1.600	0.0	360.0	15.0	-2.0	34 ²⁾
72	GR Observer 181	0.000	14.769	1.600	0.0	360.0	15.0	-2.0	34 ²⁾
73	GR Observer 182	5.263	14.769	1.600	0.0	360.0	15.0	-2.0	33 ²⁾
74	GR Observer 183	10.526	14.769	1.600	0.0	360.0	15.0	-2.0	33 ²⁾
75	GR Observer 184	15.789	14.769	1.600	0.0	360.0	15.0	-2.0	34 ²⁾
76	GR Observer 185	21.053	14.769	1.600	0.0	360.0	15.0	-2.0	34 ²⁾

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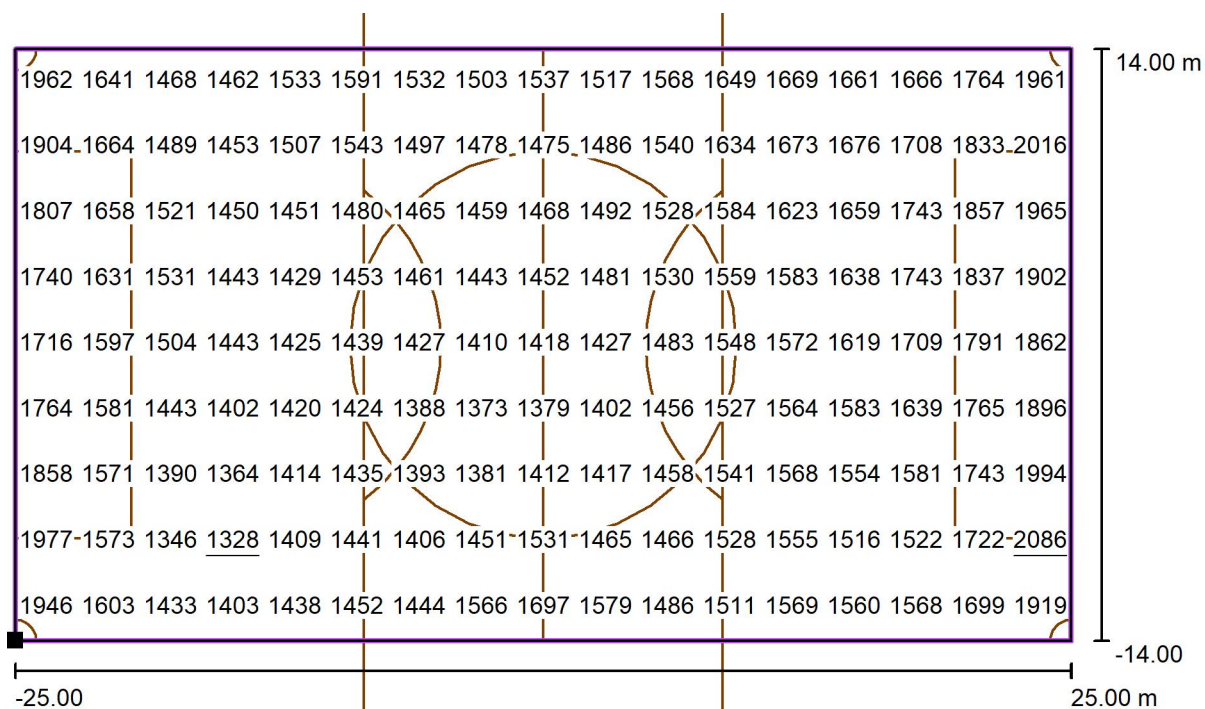
SO-03 - Hřiště pro malou kopanou / Pozorovatel GR (přehled výsledků)**Seznam výpočtových bodů GR**

Č.	Označení	Pozice [m]			Rozsah zorného úhlu [°]				Max
		X	Y	Z	Start	Konec	Délka kroku	Sklon	
77	GR Observer 186	26.316	14.769	1.600	0.0	360.0	15.0	-2.0	34 ²⁾

2) Vypočítaný ekvivalentní závojevý jas okolního prostředí vychází z předpokladu dokonale rozptýleného odrazu v prostředí (podle EN 12464-2).

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SO-03 - Hřiště pro malou kopanou / Soccer Field 1 Calculation Grid (PA) / Hodnotový graf (E, horizontálně)



Hodnoty v Lux, Měřítko 1 : 358

Poloha plochy ve venkovní scéně:

Označený bod: (-25.000 m, -14.000 m, 0.000 m)



Rastr: 17 x 9 Body

E_m [lx]
1575

E_{min} [lx]
1328

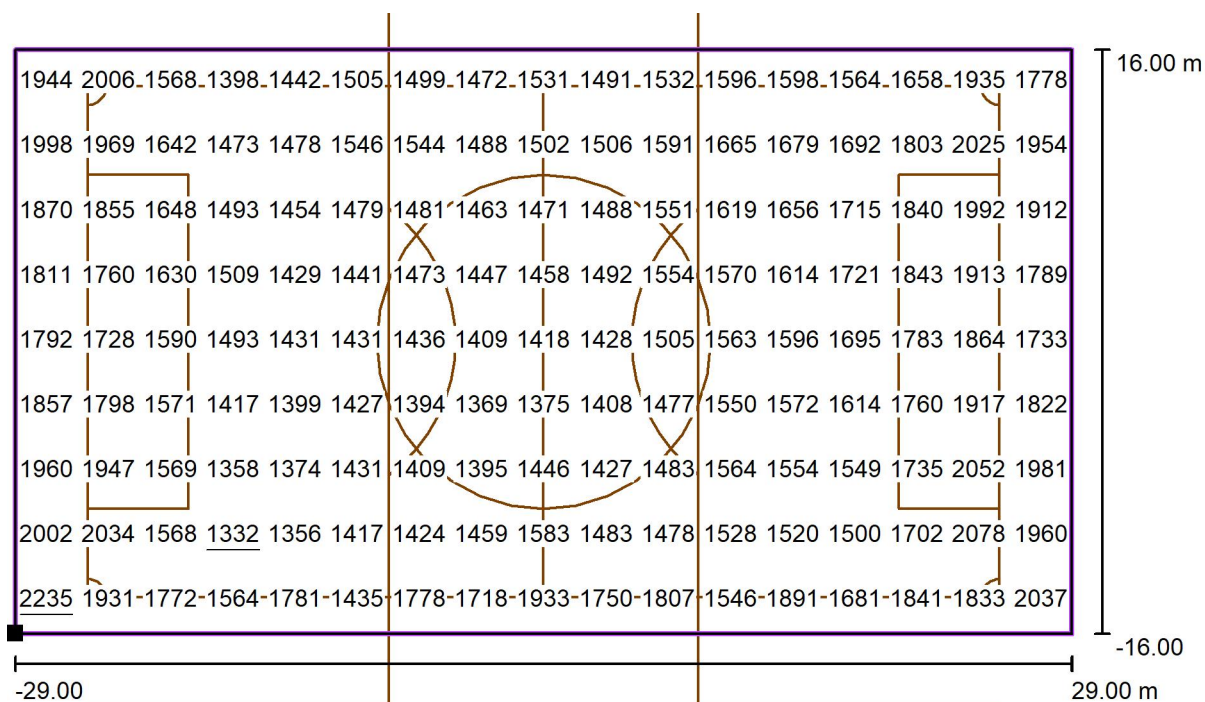
E_{max} [lx]
2086

E_{min} / E_m
0.84

E_{min} / E_{max}
0.64

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SO-03 - Hřiště pro malou kopanou / Soccer Field 1 Calculation Grid (TA) / Hodnotový graf (E, horizontálně)



Hodnoty v Lux, Měřítko 1 : 415

Poloha plochy ve venkovní scéně:

Označený bod: (-29.000 m, -16.000 m, 0.000 m)



Rastr: 17 x 9 Body

E_m [lx]
1636

E_{min} [lx]
1332

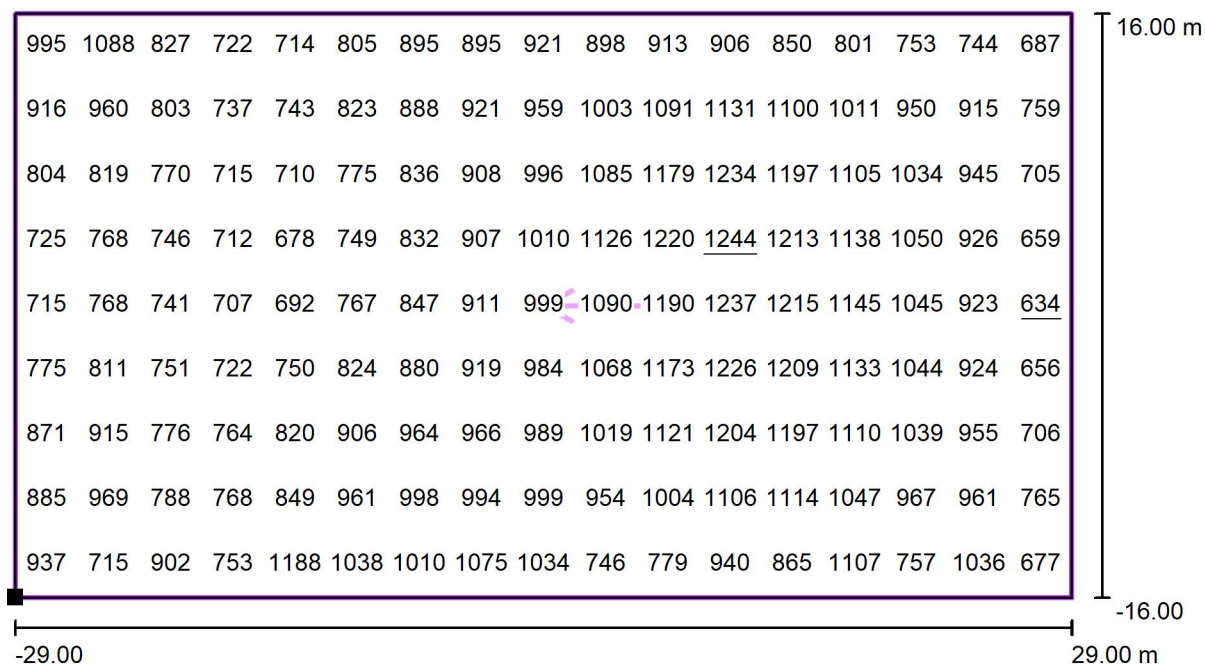
E_{max} [lx]
2235

E_{min} / E_m
0.81

E_{min} / E_{max}
0.60

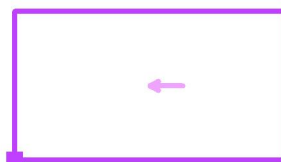
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SO-03 - Hřiště pro malou kopanou / Soccer Field 1 Calculation Grid (TA) / Hodnotový graf (E, vertikálně)



Hodnoty v Lux, Měřítko 1 : 415

Poloha plochy ve venkovní scéně:
 Označený bod: (-29.000 m, -16.000 m, 0.000 m)



Rastr: 17 x 9 Body

E_m [lx]
922

E_{min} [lx]
634

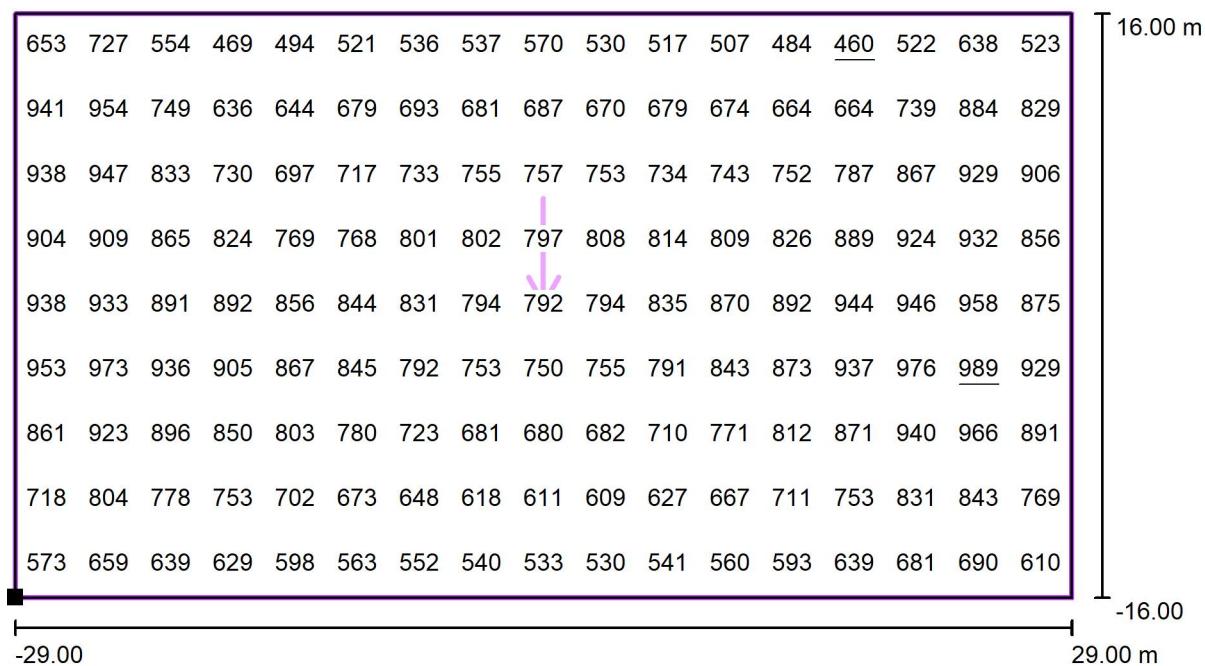
E_{max} [lx]
1244

E_{min} / E_m
0.69

E_{min} / E_{max}
0.51

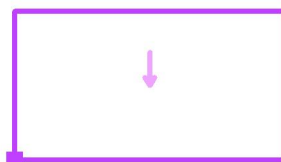
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SO-03 - Hřiště pro malou kopanou / Soccer Field 1 Calculation Grid (TA) / Hodnotový graf (E, vertikálně)



Hodnoty v Lux, Měřítko 1 : 415

Poloha plochy ve venkovní scéně:
 Označený bod: (-29.000 m, -
 16.000 m, 0.000 m)



Rastr: 17 x 9 Body

E_m [lx]
754

E_{min} [lx]
460

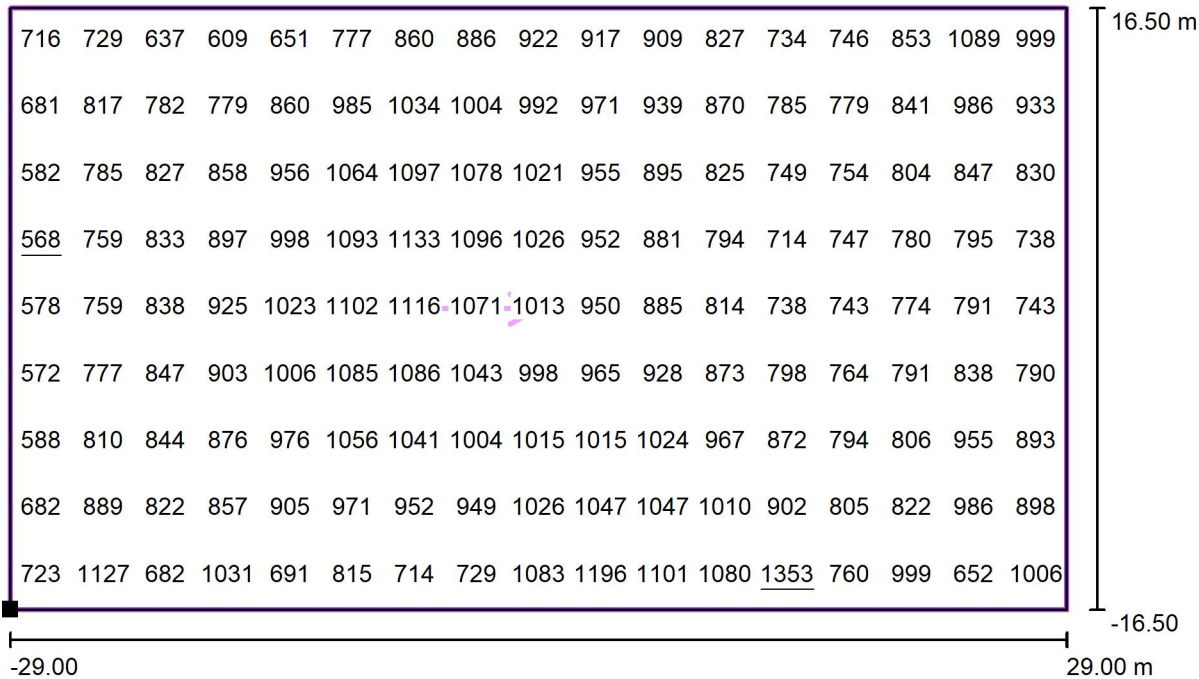
E_{max} [lx]
989

E_{min} / E_m
0.61

E_{min} / E_{max}
0.47

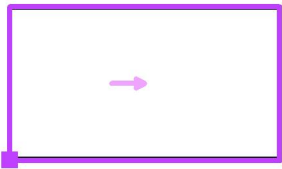
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SO-03 - Hřiště pro malou kopanou / Soccer Field 1 Calculation Grid (TA) / Hodnotový graf (E, vertikálně)



Hodnoty v Lux, Měřítko 1 : 415

Poloha plochy ve venkovní scéně:
Označený bod: (-29.000 m, -
16.500 m, 0.000 m)

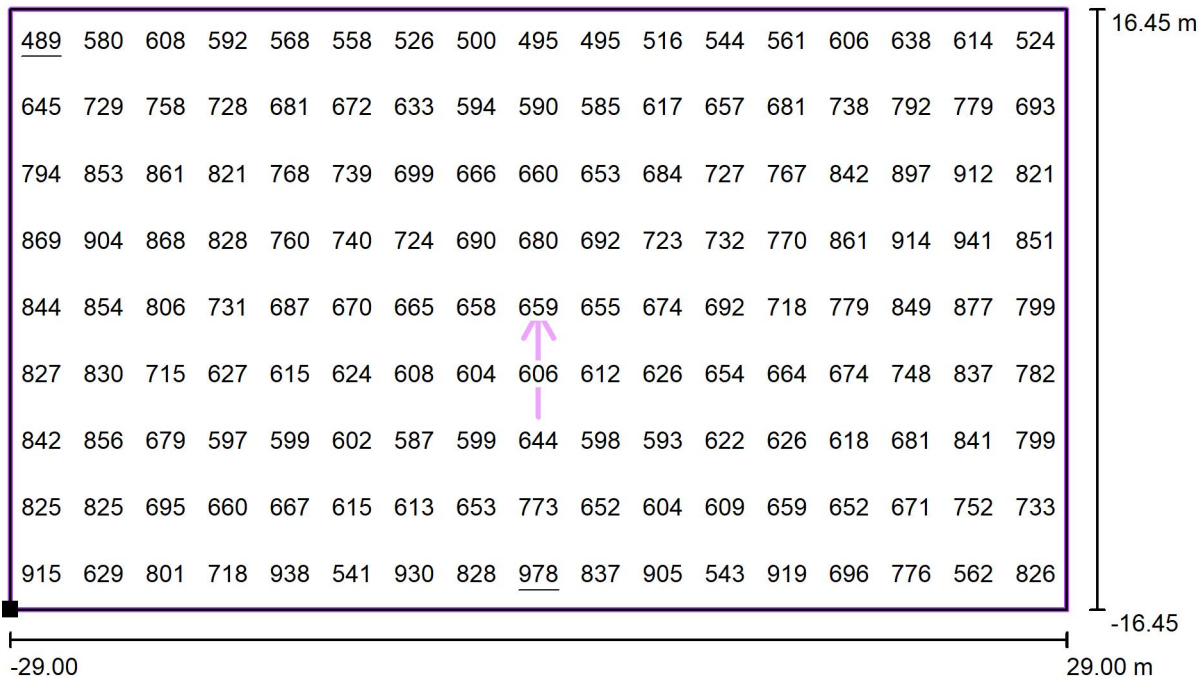


Rastr: 17 x 9 Body

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
885	568	1353	0.64	0.42

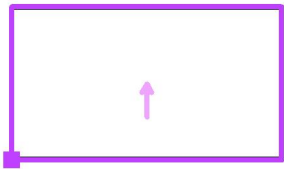
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SO-03 - Hřiště pro malou kopanou / Soccer Field 1 Calculation Grid (TA) / Hodnotový graf (E, vertikálně)



Hodnoty v Lux, Měřítko 1 : 415

Poloha plochy ve venkovní scéně:
Označený bod: (-29.000 m, -
16.450 m, 0.000 m)

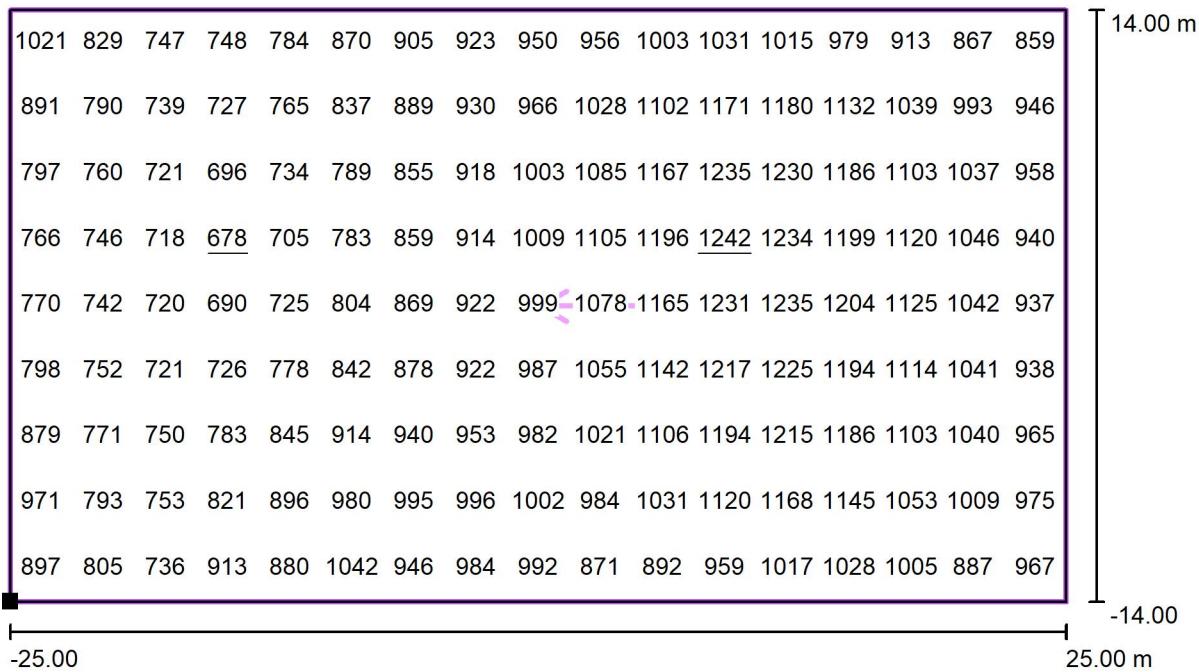


Rastr: 17 x 9 Body

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
708	489	978	0.69	0.50

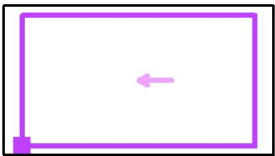
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SO-03 - Hřiště pro malou kopanou / Soccer Field 1 Calculation Grid (PA) / Hodnotový graf (E, vertikálně)



Hodnoty v Lux, Měřítko 1 : 358

Poloha plochy ve venkovní scéně:
Označený bod: (-25.000 m, -
14.000 m, 0.000 m)

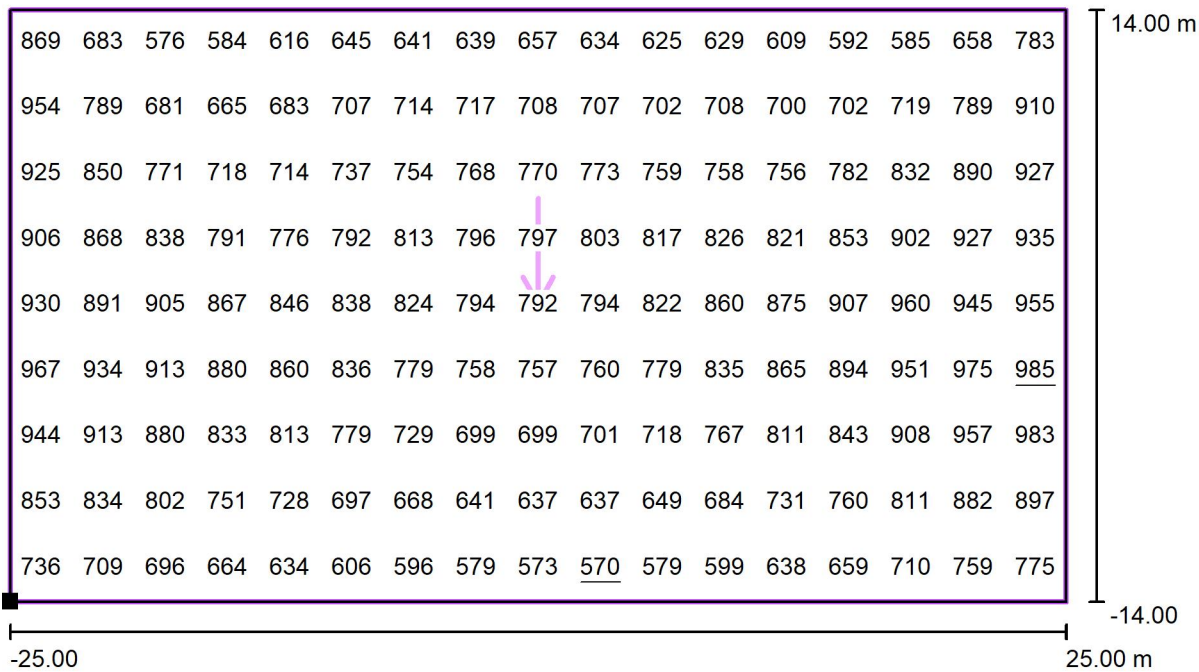


Rastr: 17 x 9 Body

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
953	678	1242	0.71	0.55

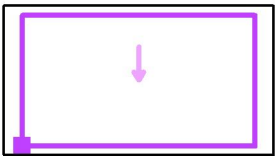
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SO-03 - Hřiště pro malou kopanou / Soccer Field 1 Calculation Grid (PA) / Hodnotový graf (E, vertikálně)



Hodnoty v Lux, Měřítko 1 : 358

Poloha plochy ve venkovní scéně:
Označený bod: (-25.000 m, -14.000 m, 0.000 m)

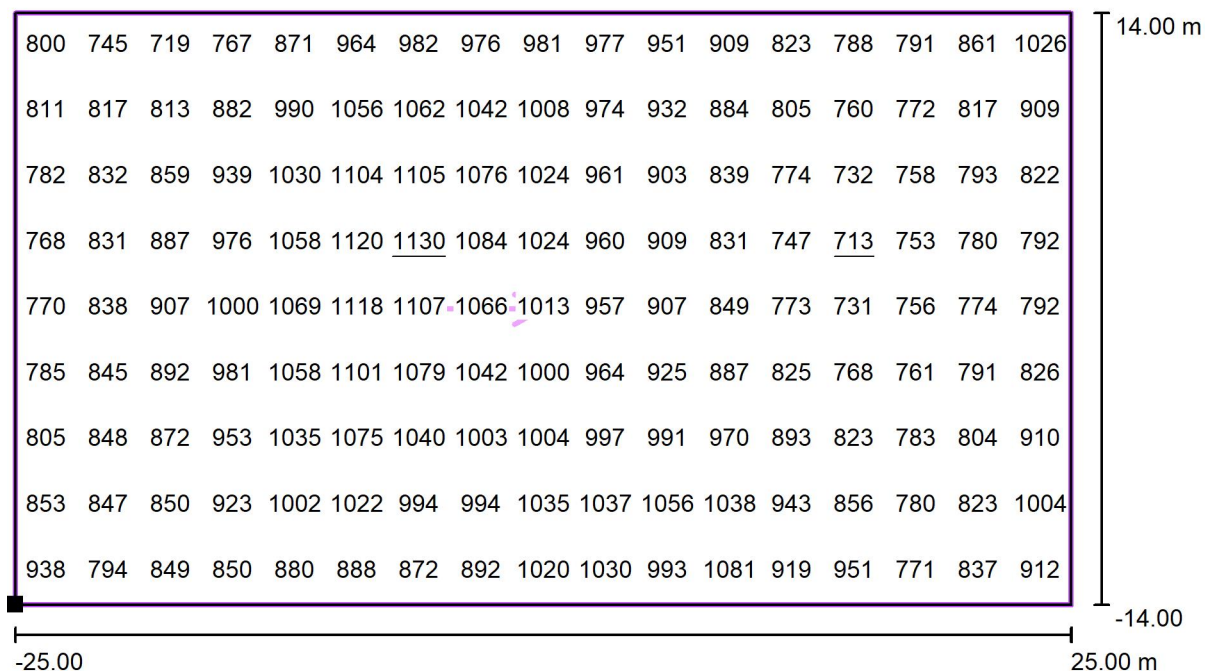


Rastr: 17 x 9 Body

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
775	570	985	0.74	0.58

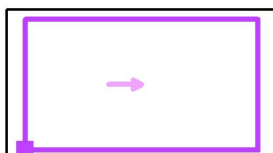
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SO-03 - Hřiště pro malou kopanou / Soccer Field 1 Calculation Grid (PA) / Hodnotový graf (E, vertikálně)



Hodnoty v Lux, Měřítko 1 : 358

Poloha plochy ve venkovní scéně:
 Označený bod: (-25.000 m, -
 14.000 m, 0.000 m)



Rastr: 17 x 9 Body

E_m [lx]
910

E_{min} [lx]
713

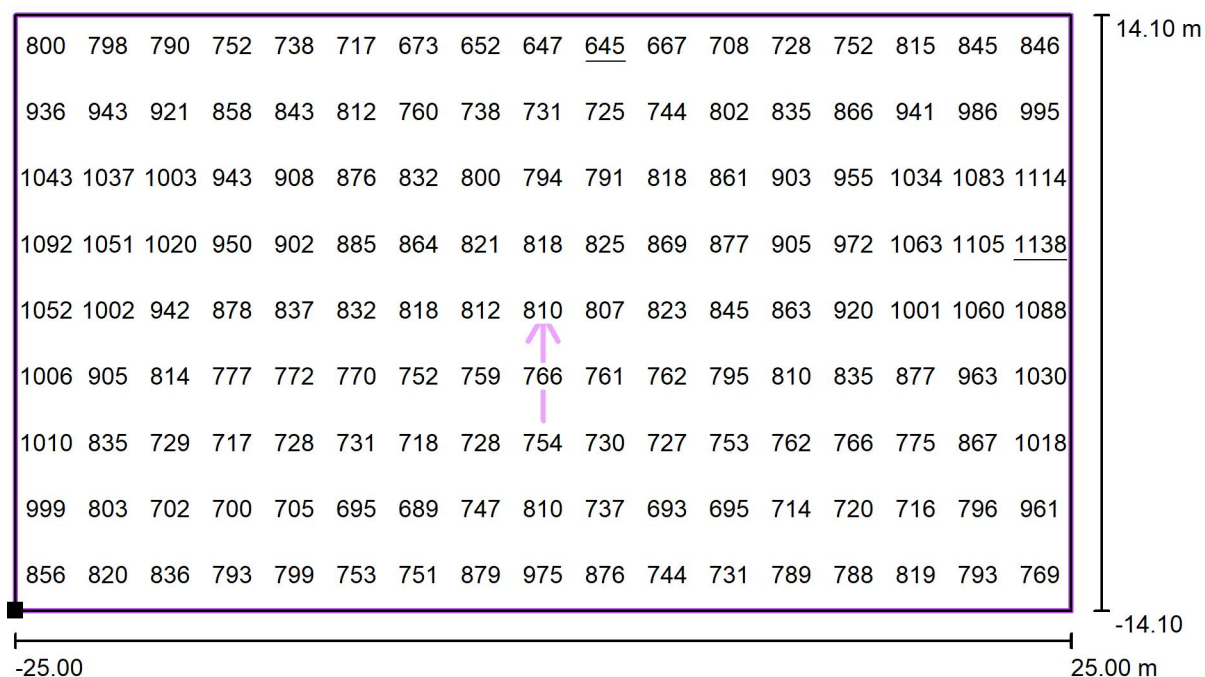
E_{max} [lx]
1130

E_{min} / E_m
0.78

E_{min} / E_{max}
0.63

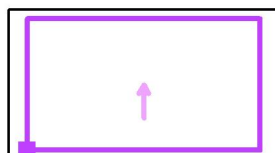
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SO-03 - Hřiště pro malou kopanou / Soccer Field 1 Calculation Grid (PA) / Hodnotový graf (E, vertikálně)



Hodnoty v Lux, Měřítko 1 : 358

Poloha plochy ve venkovní scéně:
 Označený bod: (-25.000 m, -
 14.100 m, 0.000 m)



Rastr: 17 x 9 Body

E_m [lx]
840

E_{min} [lx]
645

E_{max} [lx]
1138

E_{min} / E_m
0.77

E_{min} / E_{max}
0.57