

Český Krumlov - Šeříková, parkoviště

Designer rs

Study # 349 2023

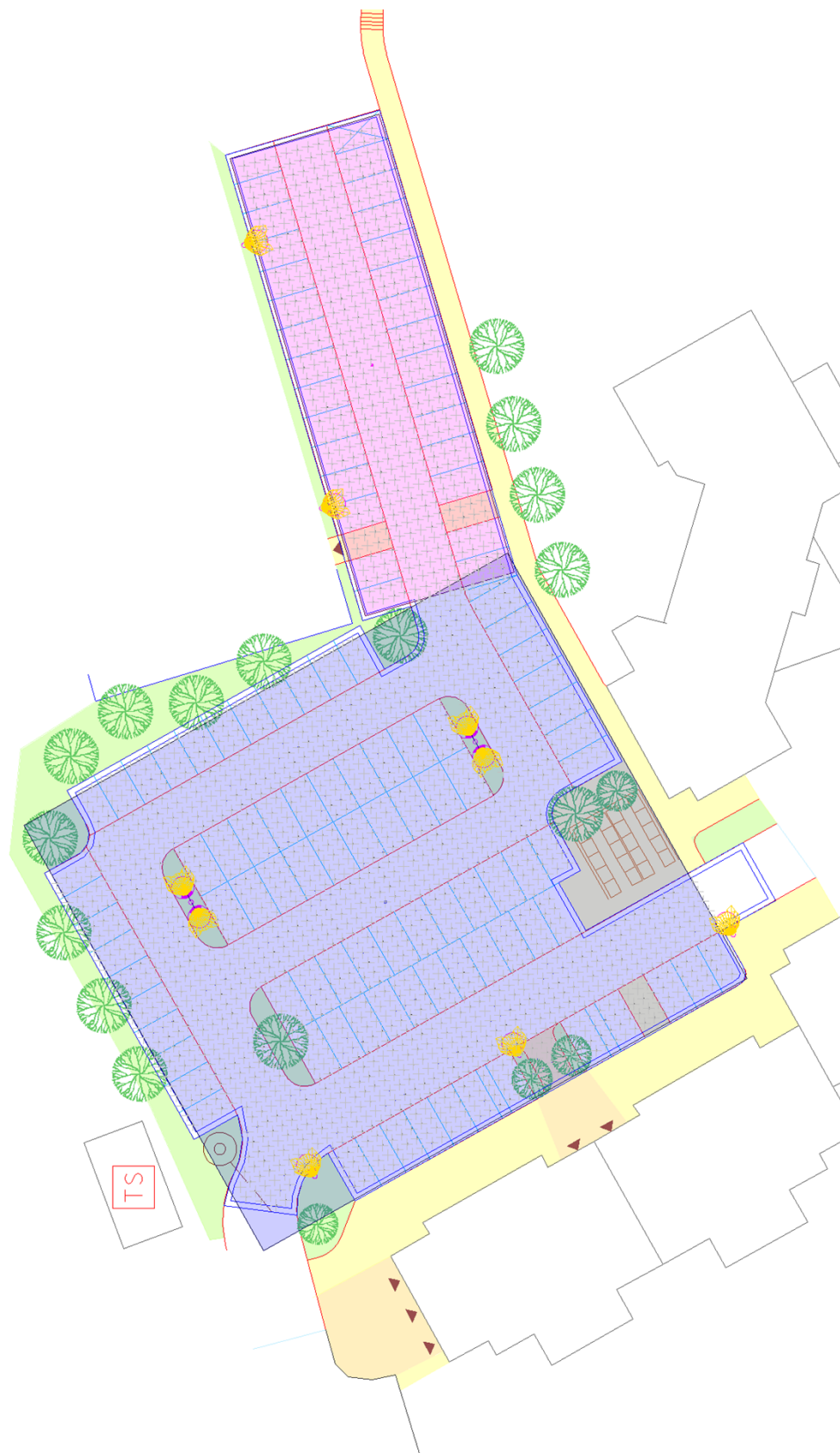
Date 24.05.2023

Application Ulysse 3.5.9

Description Předepsaná výška sloupů: 6 m

1. Views

1.1. Půdorys



2. Fixtures

2.1. TECEO S 20 LEDs 500mA WW727 Flat glass 5393 524532

Type TECEO S

Reflector 5393

Source 20 LEDs 500mA WW727

Protector Flat glass

Source flux 4,617 klm

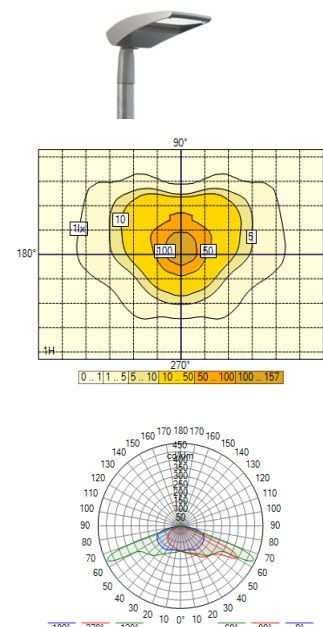
Luminaire wattage 32,1 W

MF 0,85

Matrix 524532

Luminaire flux 3,742 klm

Efficacy 117 lm/W



3. Results

3.1. Grid summary

Parkoviště A

Ref. č. 5.1.1 (IL : Ave = 5,00 lux Uo = 25 % GR : 50 %)

1. Normal illuminance

	Ave (A) (lx)	Min/Ave (%)	Min/Max (%)	Min (lx)	Max (lx)
Soustava VO	8,1	25	7	2,0	27,5



Parkoviště B

Ref. č. 5.9.1 Parkoviště (IL : Ave = 5,00 lux Uo = 25 % GR : 55 %)

1. Normal illuminance

	Ave (A) (lx)	Min/Ave (%)	Min/Max (%)	Min (lx)	Max (lx)
Soustava VO	6,1	30	11	1,8	17,2



3.2. Observer summary

Pozorovatelé A

Ref. č. 5.9.1 Parkoviště (IL : Ave = 5,00 lux Uo = 25 % GR : 55 %)

	GR
Soustava VO - Direction (0,0)	50
Soustava VO - Direction (180,0)	50
Soustava VO - Direction (270,0)	46
Soustava VO - Direction (90,0)	46

Pozorovatelé B

Ref. č. 5.9.1 Parkoviště (IL : Ave = 5,00 lux Uo = 25 % GR : 55 %)

	GR
Soustava VO - Direction (0,0)	36
Soustava VO - Direction (180,0)	45
Soustava VO - Direction (270,0)	0
Soustava VO - Direction (90,0)	50

4. Power consumption



4.1. Soustava VO

Fixture	Current [mA]	Qty	Dimming	Power / Fixture	Total
TECEO S 20 LEDs 500mA WW727 Flat glass 5393 524532	500	9	100 %	32 W	289 W










Total 289 W

5. Soustava VO

5.1. Matrix description

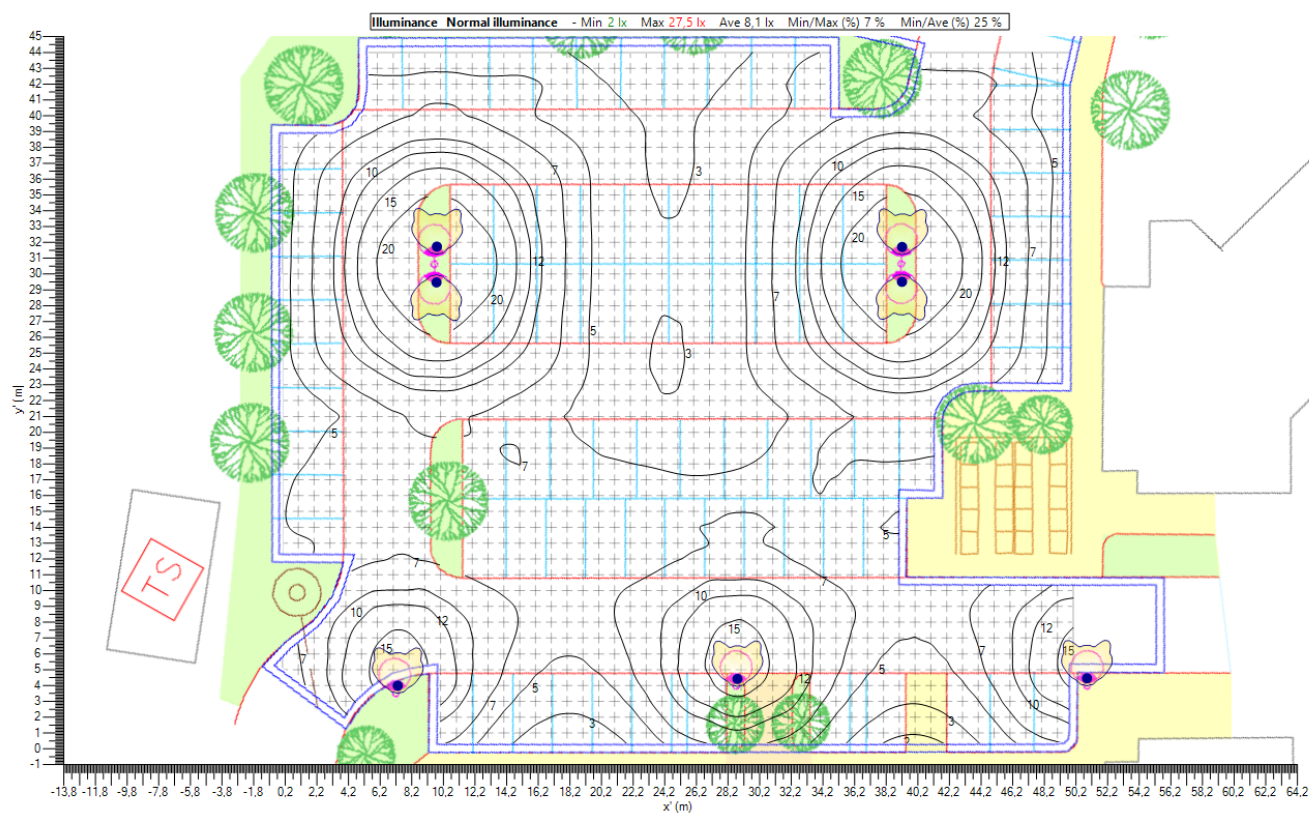
Ph. color	Description	Current [mA]	Source flux [klm]	Luminair e flux [klm]	Power [W]	Efficacy [lm/W]	MF	Height [m]	Fixture
	TECEO S 20 LEDs 500mA WW727 Flat glass 5393 524532	500	4,617	3,742	32,1	117	0,850	9 x 6,00	

5.2. Luminaire positions

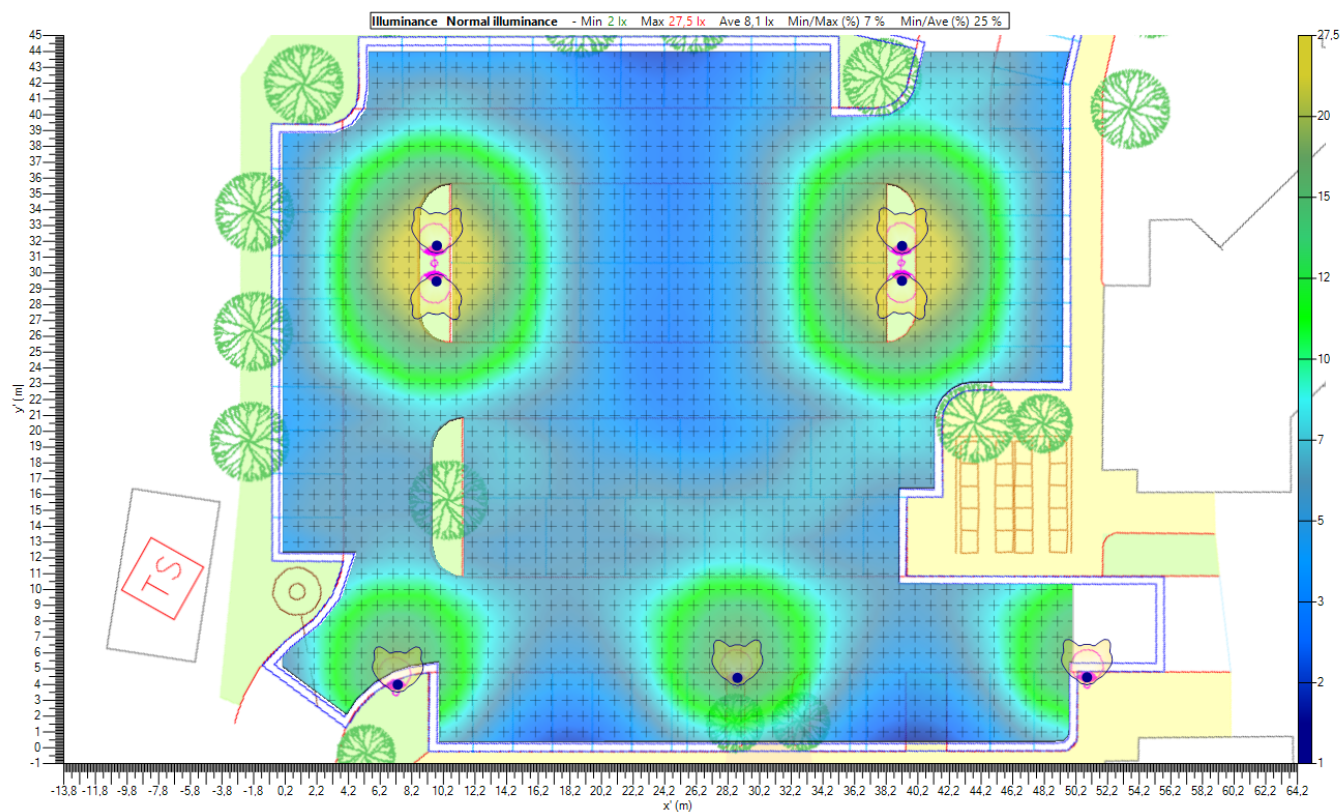
	Color	N°	Position			Luminaire								Target		
			X [m]	Y [m]	Z [m]	Name	Current [mA]	Az [°]	Incl [°]	Incl (Imax) [°]	Rot [°]	Flux [klm]	MF	X [m]	Y [m]	Z [m]
<input checked="" type="checkbox"/>		1	-24,92	50,82	6,00	TECEO S 20 LEDs 500mA WW727 Flat glass 5393 524532	-	60,8	0,0	61,0	0,0	4,617	0,850	-24,92	50,82	0,00
<input checked="" type="checkbox"/>		2	-14,01	32,32	6,00	TECEO S 20 LEDs 500mA WW727 Flat glass 5393 524532	-	60,4	0,0	61,0	0,0	4,617	0,850	-14,01	32,32	0,00
<input checked="" type="checkbox"/>		3	-3,13	13,07	6,00	TECEO S 20 LEDs 500mA WW727 Flat glass 5393 524532	-	60,4	0,0	61,0	0,0	4,617	0,850	-3,13	13,07	0,00
<input checked="" type="checkbox"/>		4	-1,51	61,19	6,00	TECEO S 20 LEDs 500mA WW727 Flat glass 5393 524532	-	241,7	0,0	61,0	0,0	4,617	0,850	-1,51	61,19	0,00
<input checked="" type="checkbox"/>		5	0,47	62,28	6,00	TECEO S 20 LEDs 500mA WW727 Flat glass 5393 524532	-	61,7	0,0	61,0	0,0	4,617	0,850	0,47	62,28	0,00
<input checked="" type="checkbox"/>		6	12,96	35,56	6,00	TECEO S 20 LEDs 500mA WW727 Flat glass 5393 524532	-	241,7	0,0	61,0	0,0	4,617	0,850	12,96	35,56	0,00
<input checked="" type="checkbox"/>		7	14,88	36,63	6,00	TECEO S 20 LEDs 500mA WW727 Flat glass 5393 524532	-	61,7	0,0	61,0	0,0	4,617	0,850	14,88	36,63	0,00
<input checked="" type="checkbox"/>		8	35,04	49,60	6,00	TECEO S 20 LEDs 500mA WW727 Flat glass 5393 524532	-	163,6	0,0	61,0	0,0	4,617	0,850	35,04	49,60	0,00
<input checked="" type="checkbox"/>		9	58,81	56,54	6,00	TECEO S 20 LEDs 500mA WW727 Flat glass 5393 524532	-	163,6	0,0	61,0	0,0	4,617	0,850	58,81	56,54	0,00

5.3. Parkoviště A - Normal

Isolevel

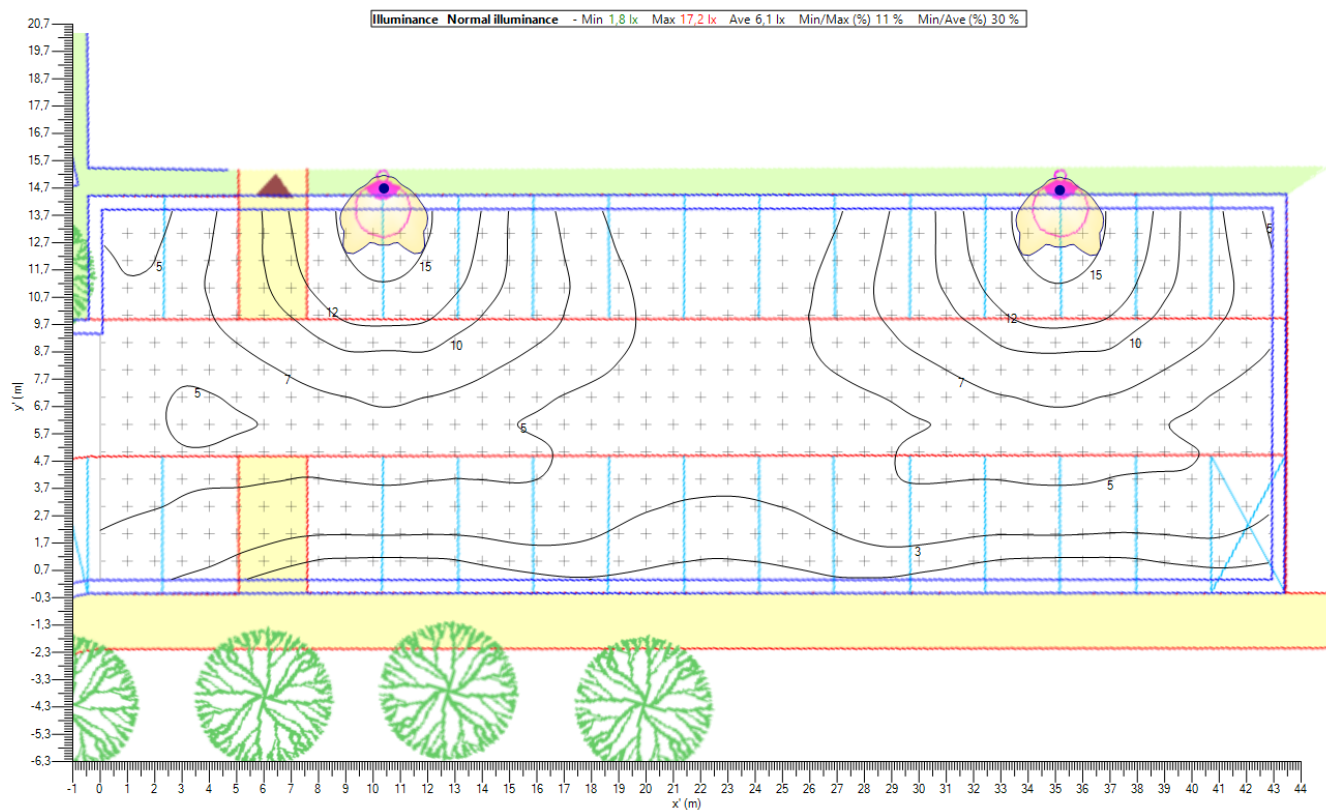


Shading

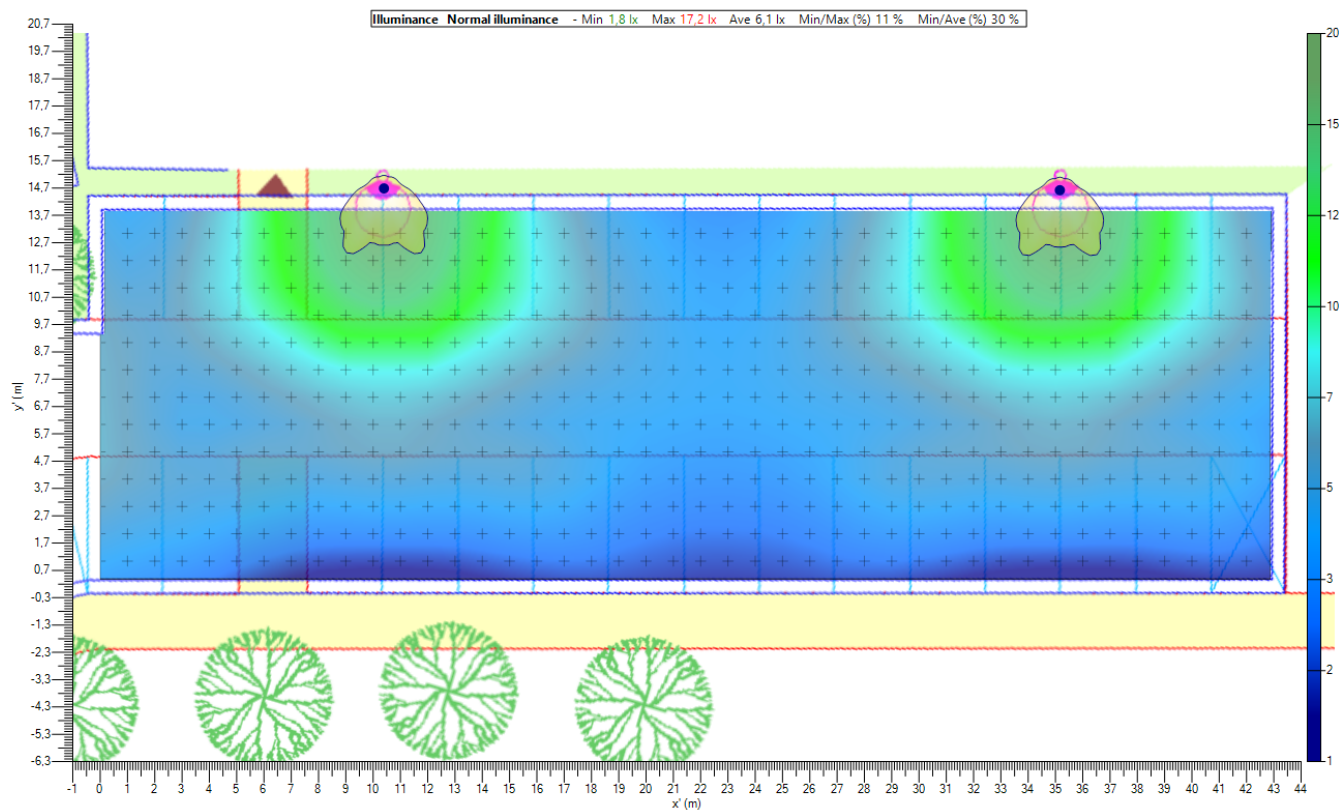


5.4. Parkoviště B - Normal

Isolevel



Shading



6. Grids

6.1. Parkoviště A

General

Type

Grid rectangular XY

Use Exclusion

Use exclusion

Enabled

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Colour

Geometry

Origin

X

-31,97 m

Y

55,21 m

Z

0,00 m

Rotation

X

0,0 °

Y

0,0 °

Z

299,4 °

Dimension

Count X

51

Count Y

45

Spacing X

1,00 m

Spacing Y

1,00 m

Size X

50,00 m

Size Y

44,00 m

6.2. Parkoviště B

General

Type

Grid rectangular XY

Use Exclusion

Use exclusion

Enabled

☒

Colour

Geometry

Origin

X

29,22 m

Y

32,61 m

Z

0,00 m

Rotation

X

0,0 °

Y

0,0 °

Z

16,4 °

Dimension

Count X

44

Count Y

15

Spacing X

1,00 m

Spacing Y

1,00 m

Size X

43,00 m

Size Y

14,00 m