

Líbeznice - obnova VO u bytových domů

Designer rs

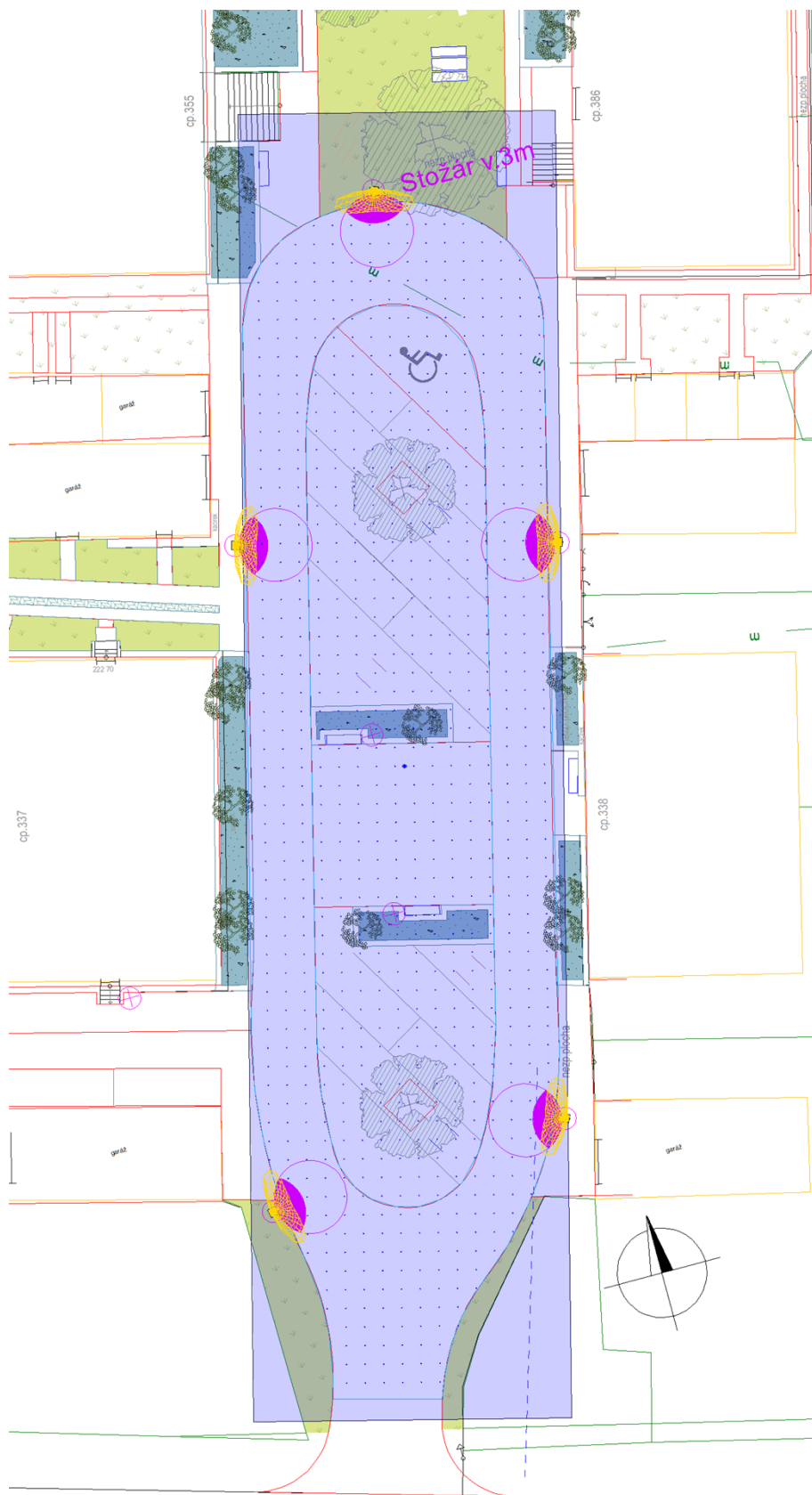
Study # 437 2023

Date 21.07.2023

Application Ulysse 3.5.9

1. Views

1.1. Půdorys



2. Fixtures

2.1. KIO LED 16 LEDs 500mA WW727 Deep shape PC 5118 Back light 370162

Type KIO LED

Reflector 5118

Source 16 LEDs 500mA WW727

Protector Deep shape PC

Source flux 3,594 klm

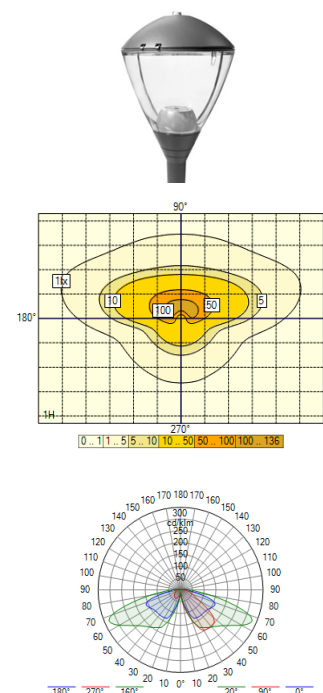
Luminaire wattage 25,8 W

MF 0,85

Matrix 370162

Luminaire flux 2,254 klm

Efficacy 87 lm/W



3. Results

3.1. Grid summary

Výpočetní plocha

P4 (IL : Min = 1,00 lux Ave = 5,00 lux)

1. Normal illuminance	Ave (A) (lx)	Min/Ave (%)	Min/Max (%)	Min (lx)	Max (lx)
Soustava VO	5,8	20	8	1,1	14,9



4. Power consumption

4.1. Soustava VO

Fixture	Current [mA]	Qty	Dimming	Power / Fixture	Total
KIO LED 16 LEDs 500mA WW727 Deep shape PC 5118 Back light 370162	500	6	100 %	26 W	156 W

Total 156 W

5. Soustava VO

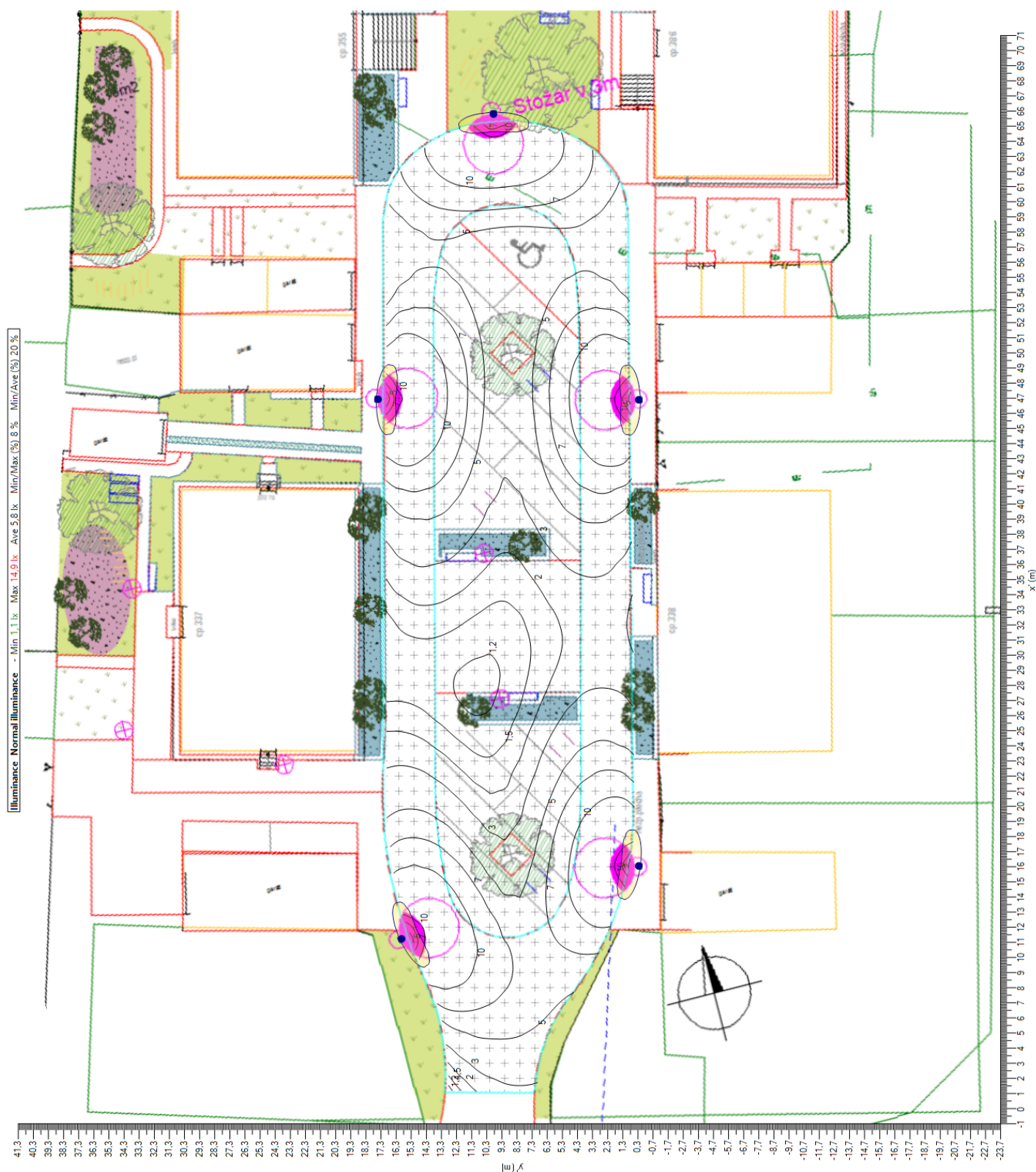
5.1. Matrix description

Ph. color	Description	Current [mA]	Source flux [klm]	Luminair e flux [klm]	Power [W]	Efficacy [lm/W]	MF	Height [m]	Fixture
	KIO LED 16 LEDs 500mA WW727 Deep shape PC 5118 Back light 370162	500	3,594	2,254	26,0	87	0,850	6 x 5,40	

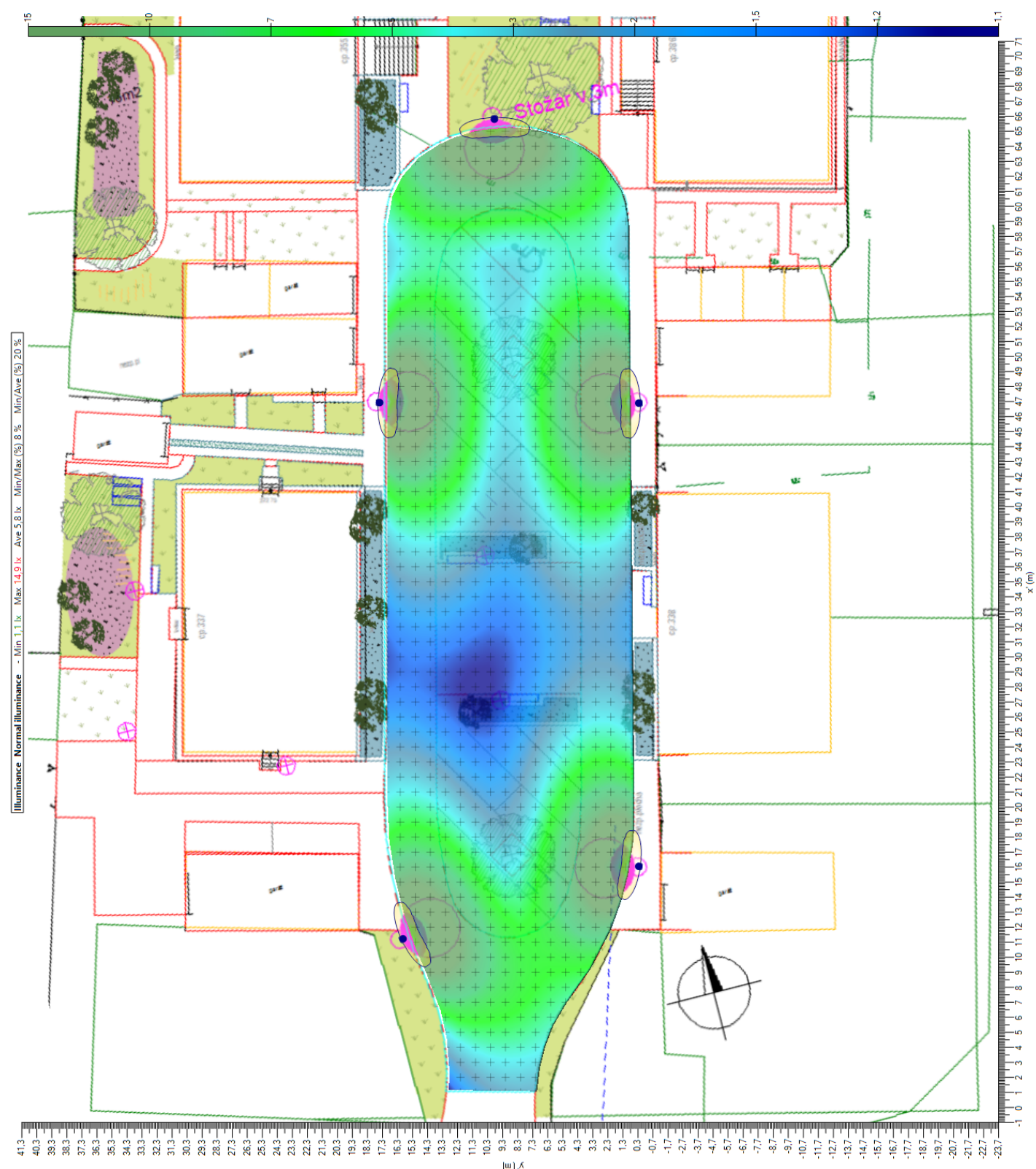
5.2. Luminaire positions

	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]
☒		1	-49,72	21,11	5,40	KIO LED 16 LEDs 500mA WW727 Deep shape PC 5118 Back light 370162	-	79,8	0,0	39,0	0,0	3,594	0,850	-49,72	21,11	0,00
☒		2	-42,39	56,09	5,40	KIO LED 16 LEDs 500mA WW727 Deep shape PC 5118 Back light 370162	-	106,4	0,0	39,0	0,0	3,594	0,850	-42,39	56,09	0,00
☒		3	-33,74	95,67	5,40	KIO LED 16 LEDs 500mA WW727 Deep shape PC 5118 Back light 370162	-	357,8	0,0	39,0	0,0	3,594	0,850	-33,74	95,67	0,00
☒		4	-33,32	21,91	5,40	KIO LED 16 LEDs 500mA WW727 Deep shape PC 5118 Back light 370162	-	292,2	0,0	39,0	0,0	3,594	0,850	-33,32	21,91	0,00
☒		5	-30,32	72,49	5,40	KIO LED 16 LEDs 500mA WW727 Deep shape PC 5118 Back light 370162	-	192,8	0,0	39,0	0,0	3,594	0,850	-30,32	72,49	0,00
☒		6	-25,69	51,79	5,40	KIO LED 16 LEDs 500mA WW727 Deep shape PC 5118 Back light 370162	-	282,7	0,0	39,0	0,0	3,594	0,850	-25,69	51,79	0,00

Isolevel



Shading



6. Grids

6.1. Výpočetní plocha

General

Type Grid rectangular XY

Use Exclusion Filtered

Enabled ☒

Colour 

Geometry

Origin X -37,16 m Y 6,32 m Z 0,00 m

Rotation X 0,0 ° Y 0,0 ° Z 75,7 °

Dimension Count X 71 Count Y 18

Spacing X 1,00 m Spacing Y 1,00 m

Size X 70,00 m Size Y 17,00 m