Ulysse 3

Schréder

Sportska hala - Kula

Designer : jtepsic

Study # :

Project # :

Date : 24/03/2016

Digitally signed by Zoltan Licenberger 309268-2702961810045
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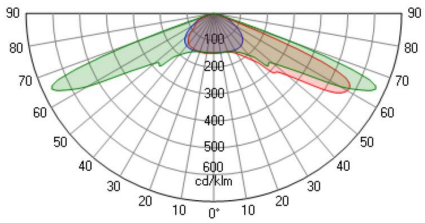
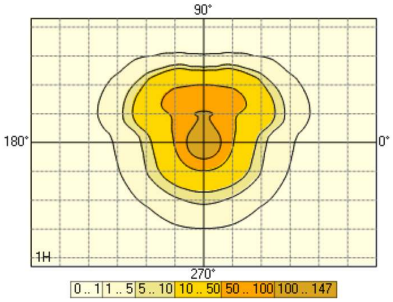
1. Fixtures

1.1. OMNIstar 128 LEDs 700mA NW Flat, Glass Extra Clear, Smooth 5121 337172



Type	OMNIstar	
Reflector	5121	
Source	128 LEDs 700mA NW	
Protector	Flat, Glass Extra Clear, Smooth	
Setting		
Source flux	35.8	klm
G-Class	4	

Luminaire wattage	285.0	W
Source wattage	285.0	W
Efficacy	106	lm/W
Luminaire flux	30.105	klm
MF	0.80	
Matrix	337172	

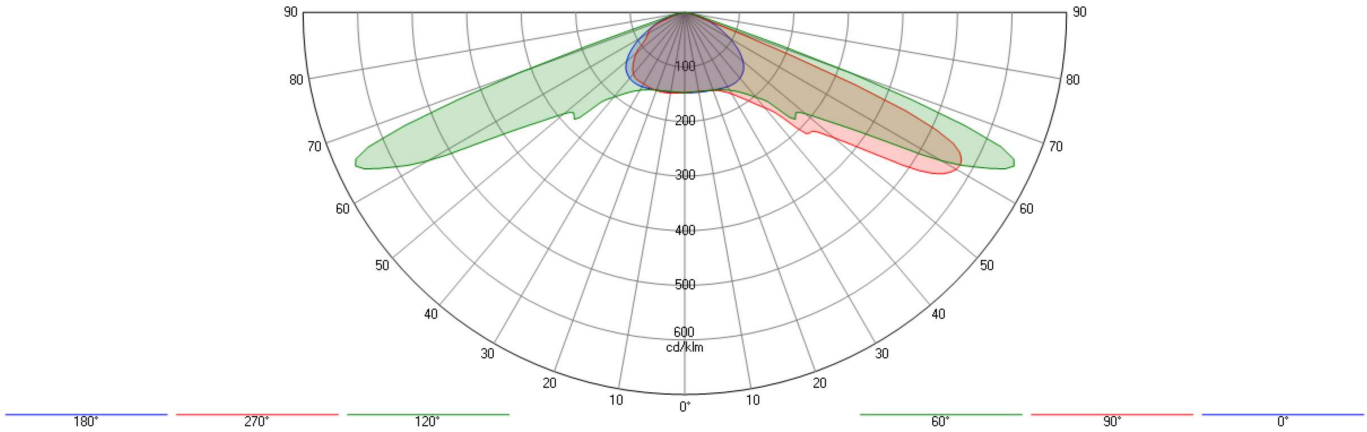


2. Photometric documents

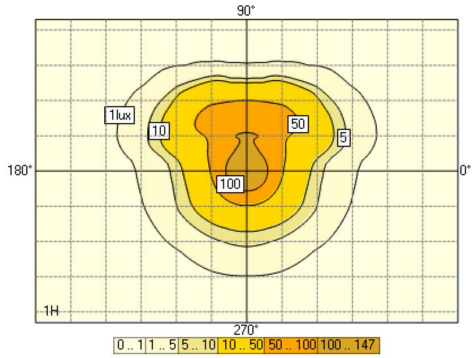
2.1. OMNIstar 128 LEDs 700mA NW Flat, Glass Extra Clear, Smooth 5121 337172

337172

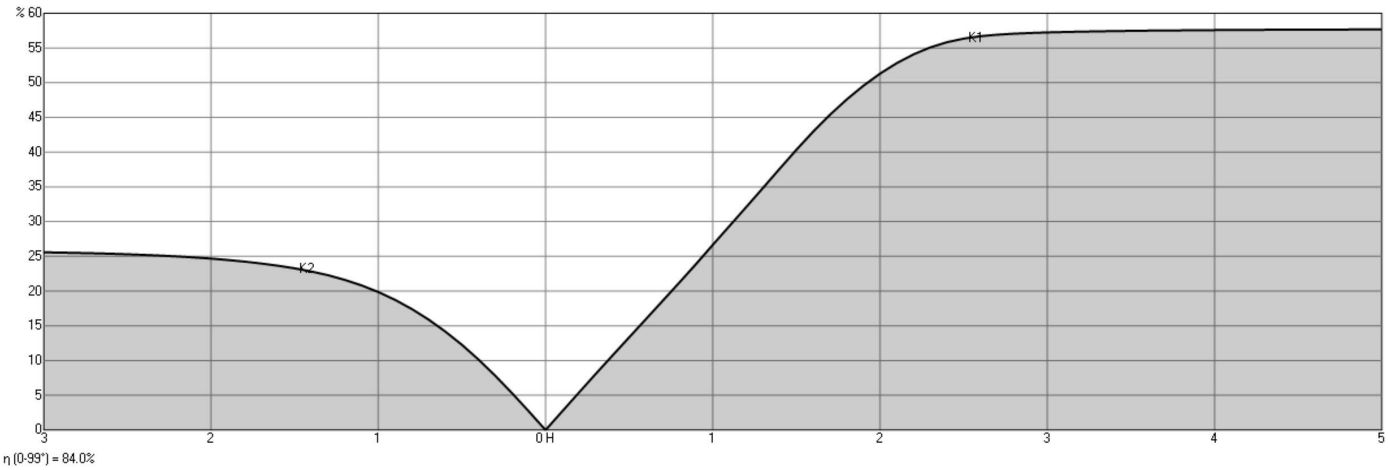
Polar/Cartesian diagram



Isolux



Utilization curve



3. Results

3.1. Grid summary

- Grid

1. Normal illuminance	Ave (A)(lux)	Min/Ave (%)	Min/Max (%)	Min (lux)	Max (lux)
200lx	219	65	57	142	247
500lx	529	74	65	391	597

4. 500lx

4.1. Matrix description

Ph. color	Matrix	Description	Source flux [klm]	Luminaire flux [klm]	Efficacy [lm/W]	MF	Height	Fixture
	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra Clear, Smooth 5121	35.840	30.105	106	0.800	18 x 9m30 18 x 9m50	

4.2. Luminaire positions

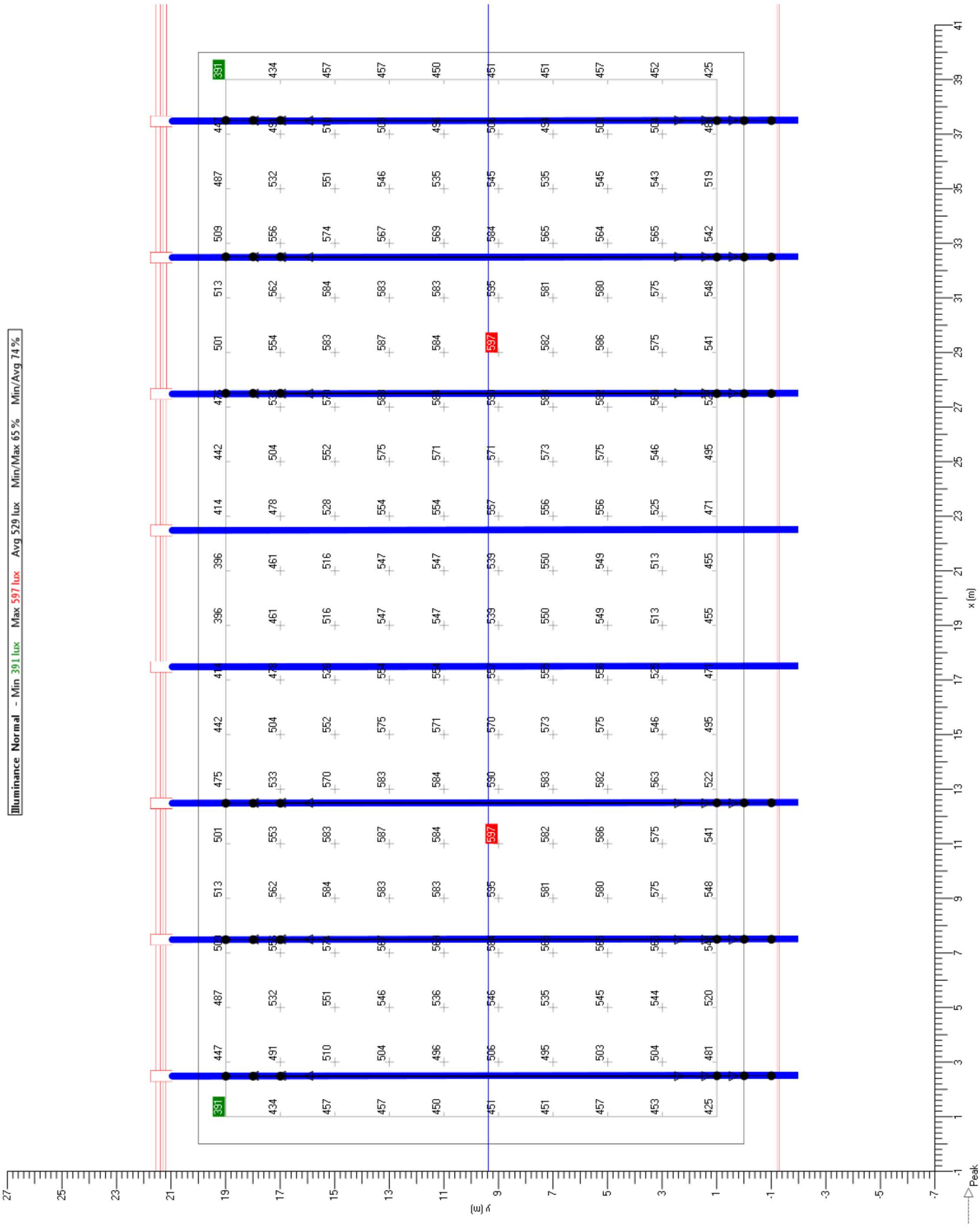
	N°	Position			Luminaire							Target		
		X [m]	Y [m]	Z [m]	Matrix	Description	Az [°]	Incl [°]	Rot [°]	Flux [klm]	MF	X [m]	Y [m]	_IblTargetZ
☑	1	2.48	17.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	2.48	17.00	0.00
☑	2	2.48	18.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	2.48	18.00	0.00
☑	3	2.48	19.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	2.48	19.00	0.00
☑	4	2.50	-1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	2.50	-1.00	0.00
☑	5	2.50	0.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	2.50	0.00	0.00
☑	6	2.50	1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	2.50	1.00	0.00
☑	7	7.48	17.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	7.48	17.00	0.00
☑	8	7.48	18.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	7.48	18.00	0.00
☑	9	7.48	19.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	7.48	19.00	0.00
☑	10	7.50	-1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	7.50	-1.00	0.00
☑	11	7.50	0.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	7.50	0.00	0.00
☑	12	7.50	1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	7.50	1.00	0.00
☑	13	12.48	17.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	12.48	17.00	0.00
☑	14	12.48	18.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	12.48	18.00	0.00
☑	15	12.48	19.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	12.48	19.00	0.00
☑	16	12.50	-1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	12.50	-1.00	0.00
☑	17	12.50	0.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	12.50	0.00	0.00
☑	18	12.50	1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	12.50	1.00	0.00
☑	19	27.49	-1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	27.49	-1.00	0.00
☑	20	27.49	0.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	27.49	0.00	0.00
☑	21	27.49	1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	27.49	1.00	0.00
☑	22	27.50	17.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	27.50	17.00	0.00
☑	23	27.50	18.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	27.50	18.00	0.00
☑	24	27.50	19.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	27.50	19.00	0.00
☑	25	32.49	-1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	32.49	-1.00	0.00
☑	26	32.49	0.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	32.49	0.00	0.00
☑	27	32.49	1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	32.49	1.00	0.00
☑	28	32.50	17.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	32.50	17.00	0.00
☑	29	32.50	18.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	32.50	18.00	0.00
☑	30	32.50	19.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	32.50	19.00	0.00
☑	31	37.49	-1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	37.49	-1.00	0.00

☑	32	37.49	0.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	37.49	0.00	0.00
☑	33	37.49	1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	37.49	1.00	0.00
☑	34	37.50	17.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	37.50	17.00	0.00
☑	35	37.50	18.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	37.50	18.00	0.00
☑	36	37.50	19.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	37.50	19.00	0.00

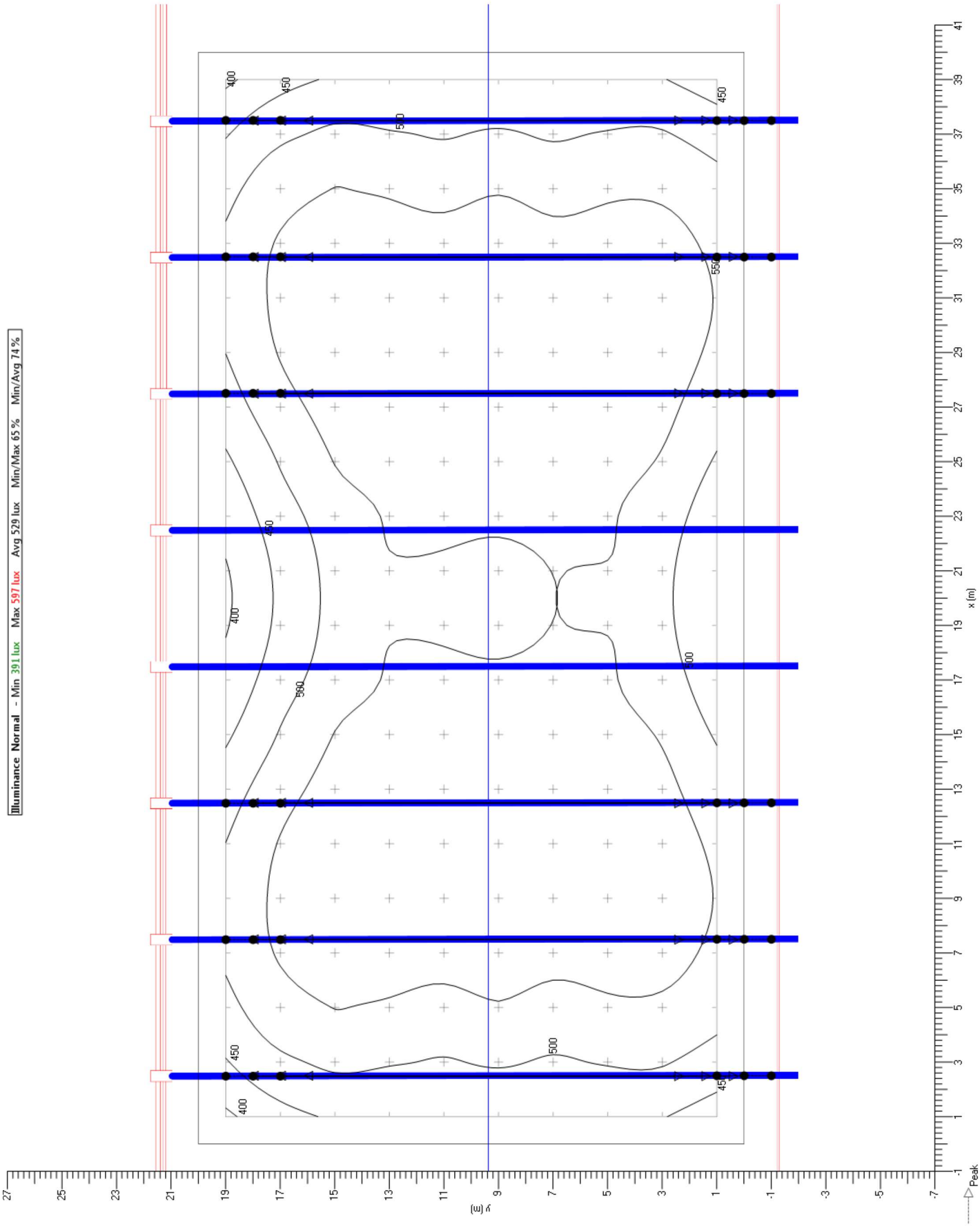
4.3. Luminaire groups

Linear															
	N°	Position			Luminaire					Dimension			Rotation		
		X [m]	Y [m]	Z [m]	Matrix	Az [°]	Incl [°]	Rot [°]	Dim [%]	Count	Spacing [m]	Size [m]	X [°]	Y [°]	Z [°]
☑	1	2.48	17.00	9.30	337172	180.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0
☑	2	2.48	18.00	9.30	337172	180.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0
☑	3	2.48	19.00	9.30	337172	180.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0
☑	4	2.50	-1.00	9.50	337172	0.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0
☑	5	2.50	0.00	9.50	337172	0.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0
☑	6	2.50	1.00	9.50	337172	0.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0
☑	7	27.49	-1.00	9.50	337172	0.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0
☑	8	27.49	0.00	9.50	337172	0.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0
☑	9	27.49	1.00	9.50	337172	0.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0
☑	10	27.50	17.00	9.30	337172	180.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0
☑	11	27.50	18.00	9.30	337172	180.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0
☑	12	27.50	19.00	9.30	337172	180.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0

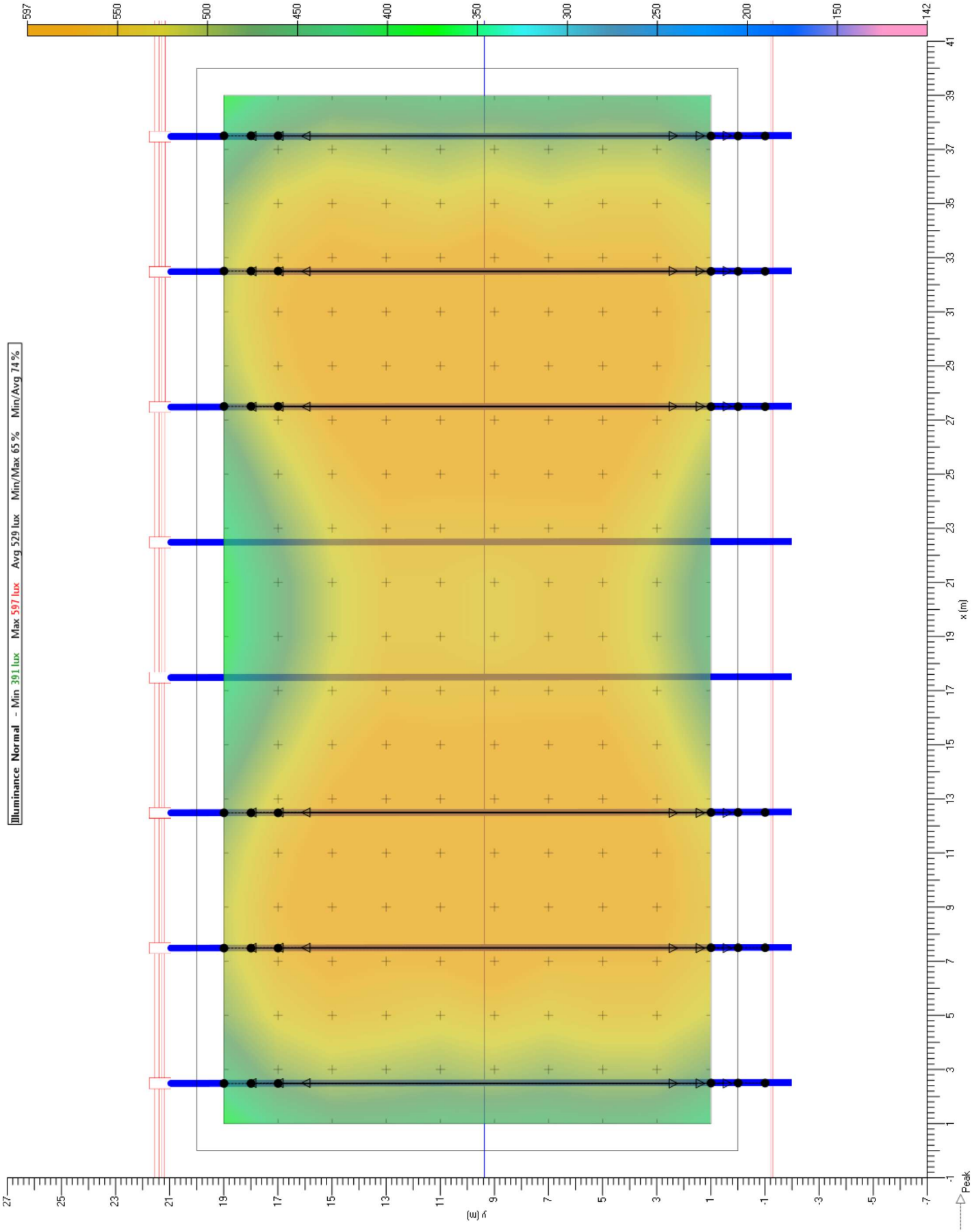
4.4. Grid - Normal - Values



4.5. Grid - Normal - Isolevel



4.6. Grid - Normal - Shading



5. 200lx

5.1. Matrix description

Ph. color	Matrix	Description	Source flux [klm]	Luminaire flux [klm]	Efficacy [lm/W]	MF	Height	Fixture
	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra Clear, Smooth 5121	35.840	30.105	106	0.800	8 x 9m30 8 x 9m50	

5.2. Luminaire positions

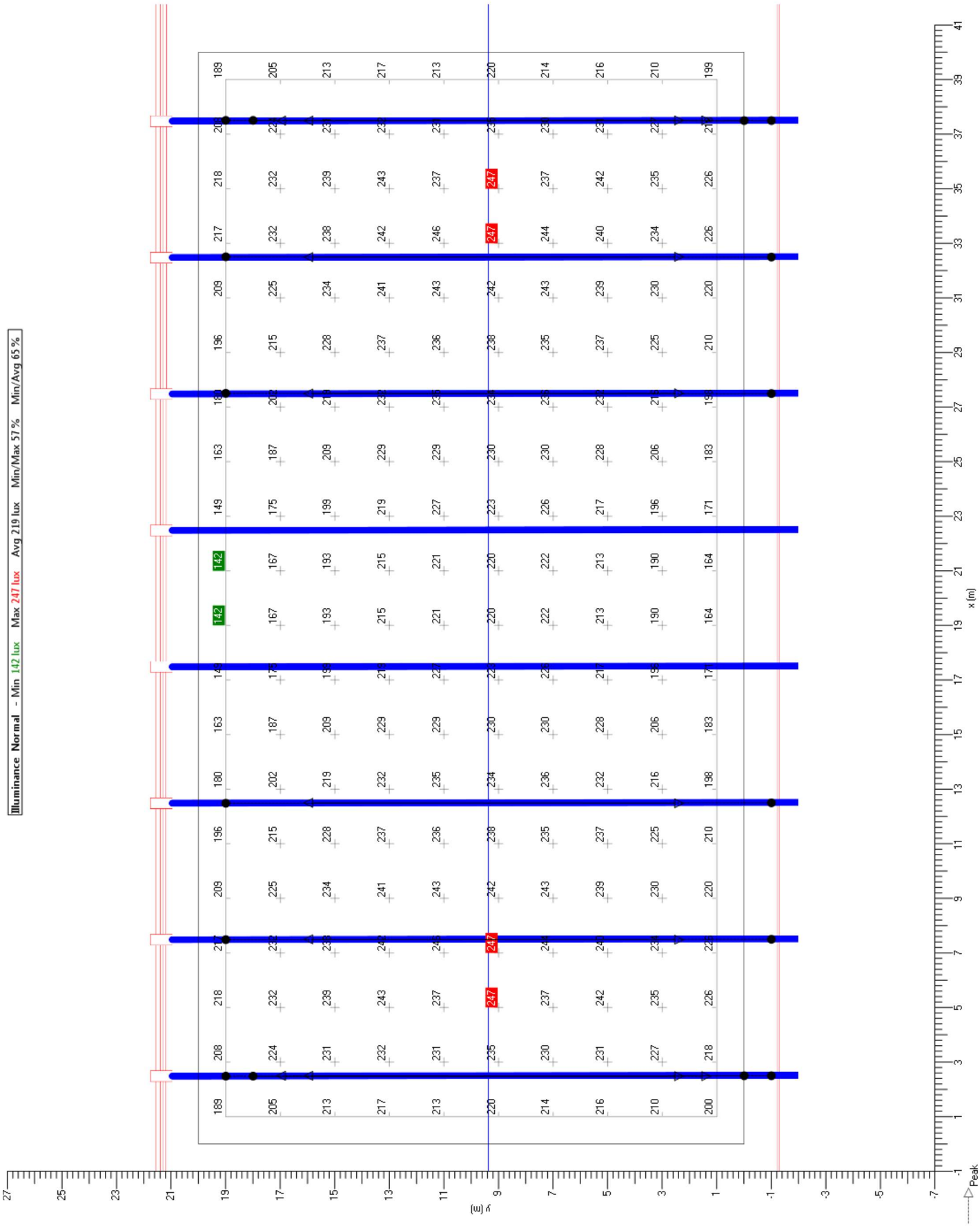
	N°	Position			Luminaire							Target		
		X [m]	Y [m]	Z [m]	Matrix	Description	Az [°]	Incl [°]	Rot [°]	Flux [klm]	MF	X [m]	Y [m]	_IblTargetZ
☑	1	2.48	18.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	2.48	18.00	0.00
☑	2	2.48	19.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	2.48	19.00	0.00
☑	3	2.50	-1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	2.50	-1.00	0.00
☑	4	2.50	0.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	2.50	0.00	0.00
☑	5	7.48	19.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	7.48	19.00	0.00
☑	6	7.50	-1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	7.50	-1.00	0.00
☑	7	12.48	19.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	12.48	19.00	0.00
☑	8	12.50	-1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	12.50	-1.00	0.00
☑	9	27.49	-1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	27.49	-1.00	0.00
☑	10	27.50	19.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	27.50	19.00	0.00
☑	11	32.49	-1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	32.49	-1.00	0.00
☑	12	32.50	19.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	32.50	19.00	0.00
☑	13	37.49	-1.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	37.49	-1.00	0.00
☑	14	37.49	0.00	9.50	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	0.0	0.0	0.0	35.840	0.800	37.49	0.00	0.00
☑	15	37.50	18.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	37.50	18.00	0.00
☑	16	37.50	19.00	9.30	337172	OMNIstar 128 LEDs 700mA NW Flat, Glass Extra ...	180.0	0.0	0.0	35.840	0.800	37.50	19.00	0.00

5.3. Luminaire groups

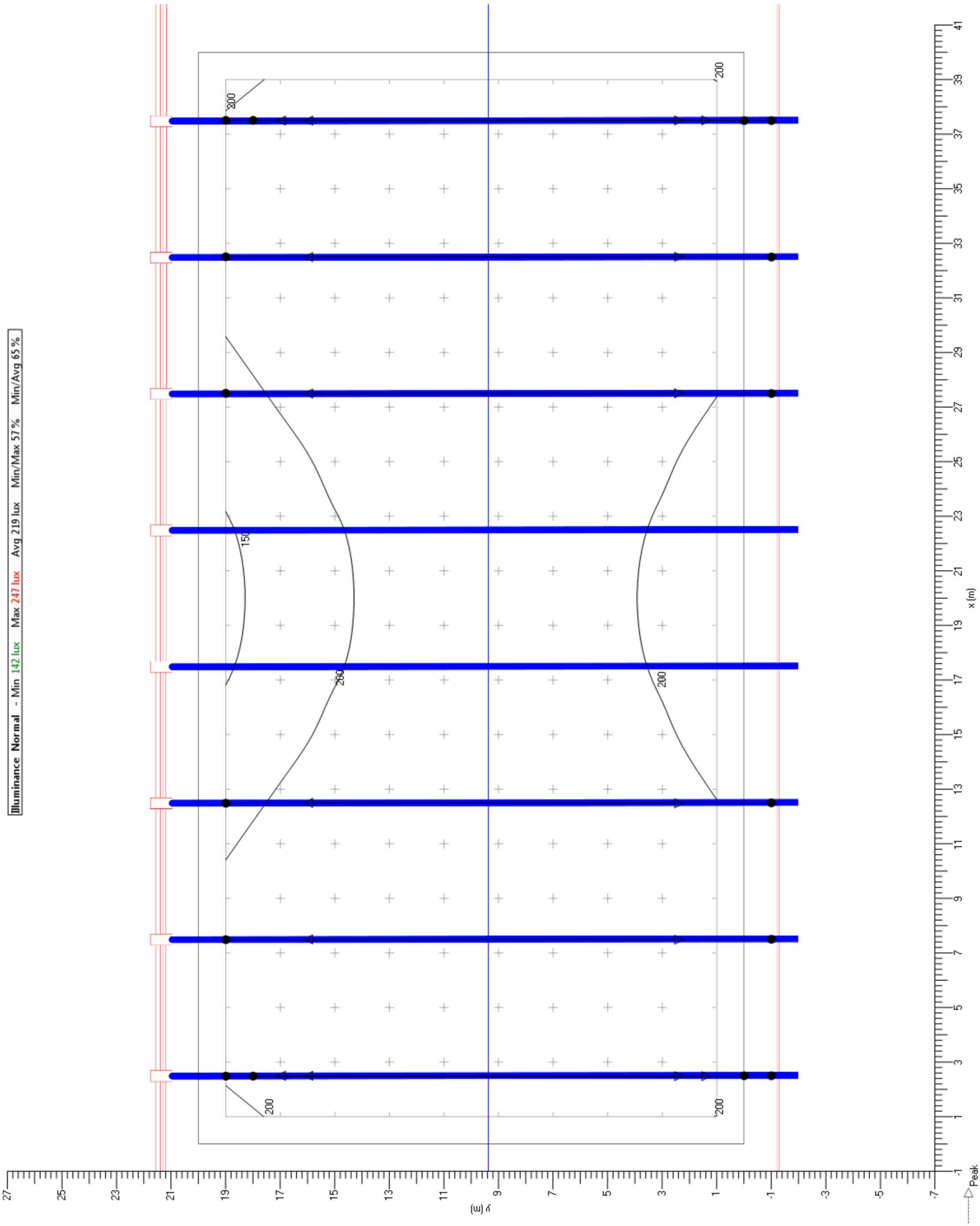
Linear															
	N°	Position			Luminaire					Dimension			Rotation		
		X [m]	Y [m]	Z [m]	Matrix	Az [°]	Incl [°]	Rot [°]	Dim [%]	Count	Spacing [m]	Size [m]	X [°]	Y [°]	Z [°]
☑	1	2.48	19.00	9.30	337172	180.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0
☑	2	2.50	-1.00	9.50	337172	0.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0
☑	3	27.49	-1.00	9.50	337172	0.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0
☑	4	27.50	19.00	9.30	337172	180.0	0.0	0.0	100	3	5.00	10.00	0.0	0.0	0.0

Single									
	N°	Position			Luminaire				
		X [m]	Y [m]	Z [m]	Matrix	Az [°]	Incl [°]	Rot [°]	Dim [%]
☑	1	2.48	18.00	9.30	337172	180.0	0.0	0.0	100
☑	2	2.50	0.00	9.50	337172	0.0	0.0	0.0	100
☑	3	37.49	0.00	9.50	337172	0.0	0.0	0.0	100
☑	4	37.50	18.00	9.30	337172	180.0	0.0	0.0	100

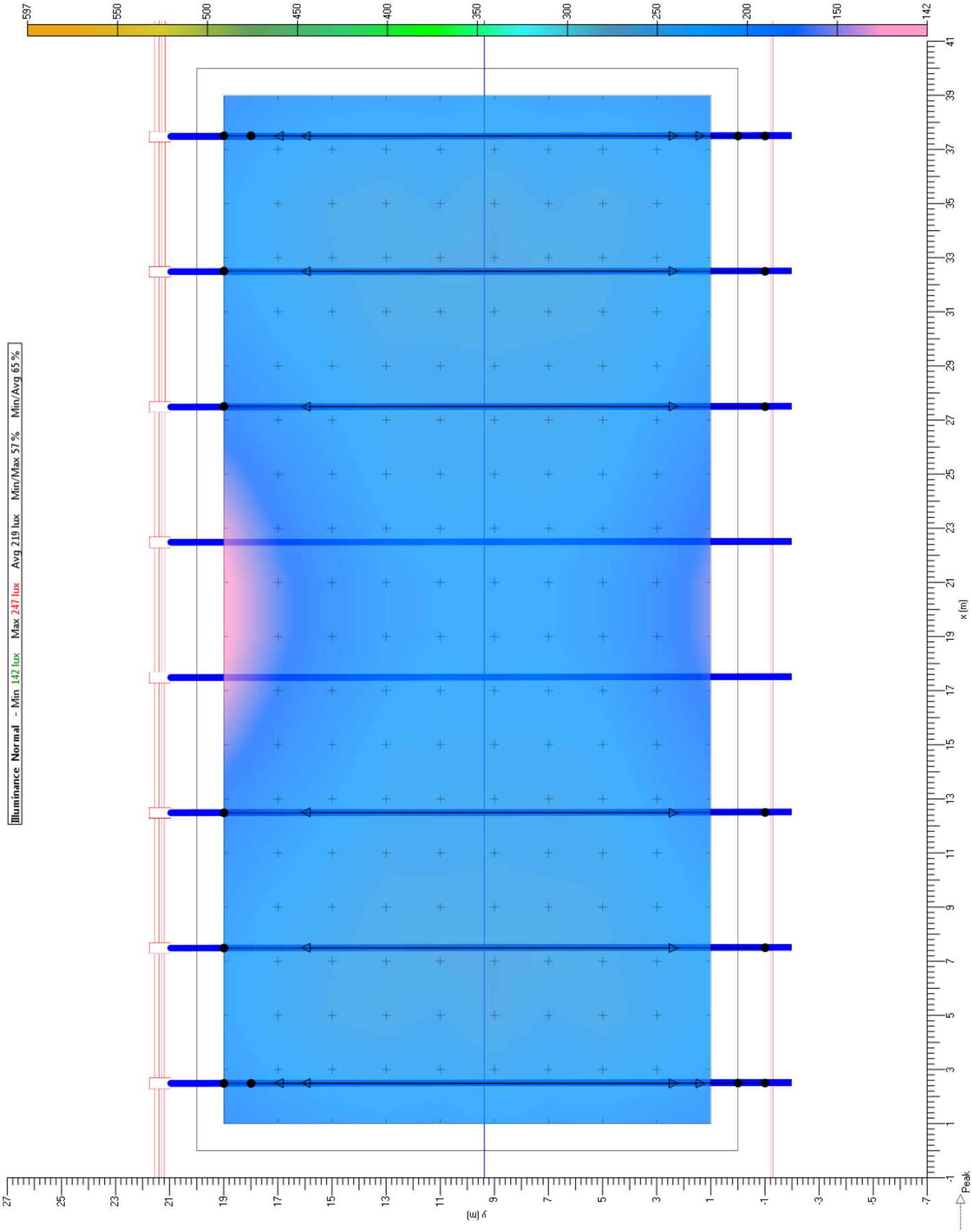
5.4. Grid - Normal - Values



5.5. Grid - Normal - Isolevel



5.6. Grid - Normal - Shading



6. Grids

6.1. Grid

General

Type : Grid rectangular XY | Use Exclusion : - | En : ☑ | Colour : ■

Geometry

Origin

X :	1.00	Y :	1.00	Z :	0.00	m

Rotation

X :	0.0	Y :	0.0	Z :	0.0	°

Dimension

Count X :	20	Count Y :	10	
Spacing X :	2.00	Spacing Y :	2.00	m
Size X :	38.00	Size Y :	18.00	m