

Ulysse 3

BARBATESTI-Iluminat rampa de incarcare Conpet

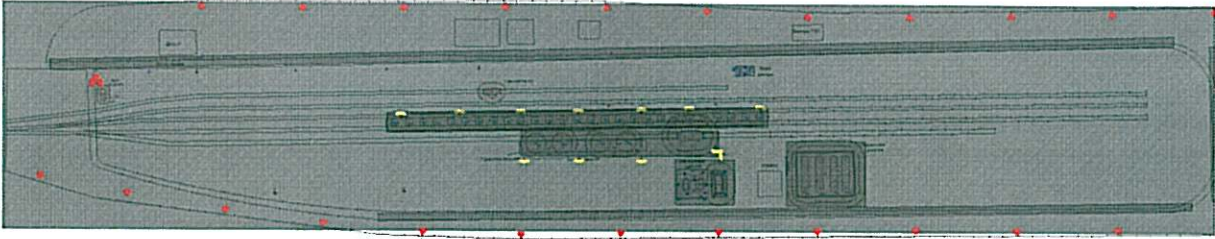
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1. Views

1.1. Snapshot item



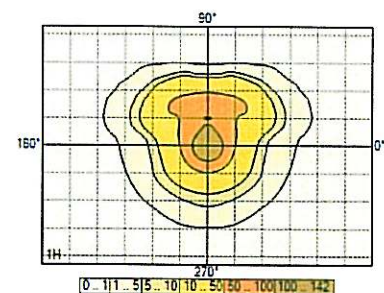
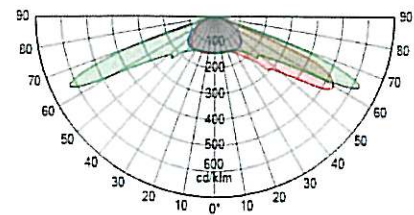
2. Fixtures

2.1. AMPERA MAXI 96 LEDs 700mA NW Flat, Glass Extra Clear, Smooth 5121 357112



Type	AMPERA MAXI
Reflector	5121
Source	96 LEDs 700mA NW
Protector	Flat, Glass Extra Clear, Smooth
Setting	
Source flux	26.7 klm
G-Class	4

Luminaire wattage	213.0 W
Source wattage	213.0 W
Efficacy	100 lm/W
Luminaire flux	21.369 klm
MF	0.85
Matrix	357112

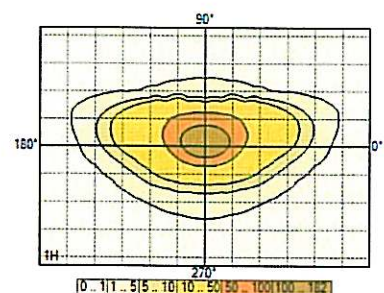
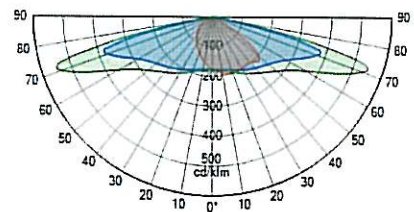


2.2. OMNISTAR 144 LEDs 1000mA NW Flat, Glass Extra Clear, Smooth 5118 364282



Type	OMNISTAR
Reflector	5118
Source	144 LEDs 1000mA NW
Protector	Flat, Glass Extra Clear, Smooth
Setting	
Source flux	52.5 klm
G-Class	3

Luminaire wattage	470.0 W
Source wattage	451.0 W
Efficacy	91 lm/W
Luminaire flux	42.833 klm
MF	0.85
Matrix	364282

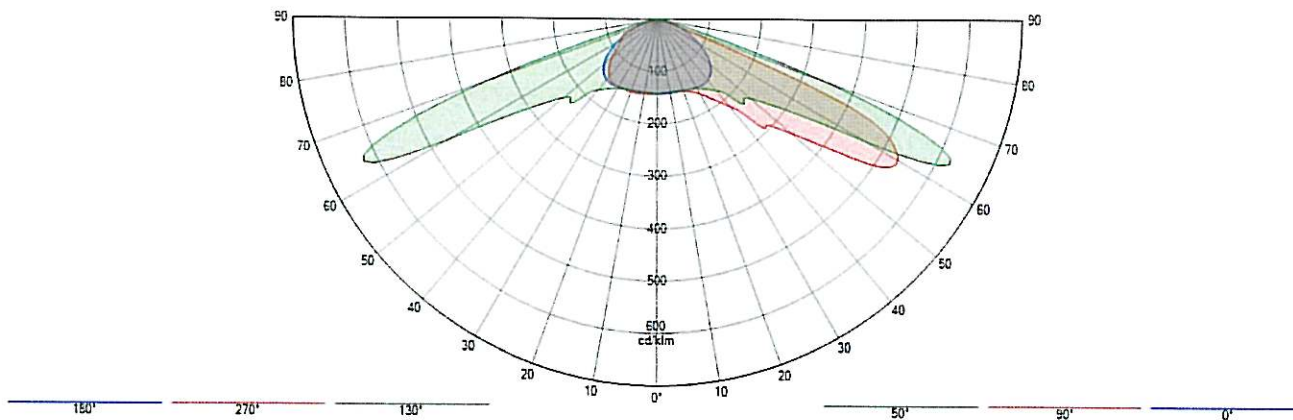


3. Photometric documents

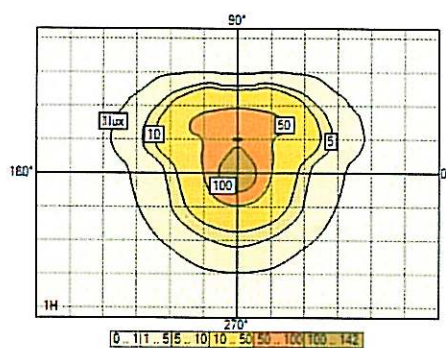
3.1. AMPERA MAXI 96 LEDs 700mA NW Flat, Glass Extra Clear, Smooth 5121 357112

357112

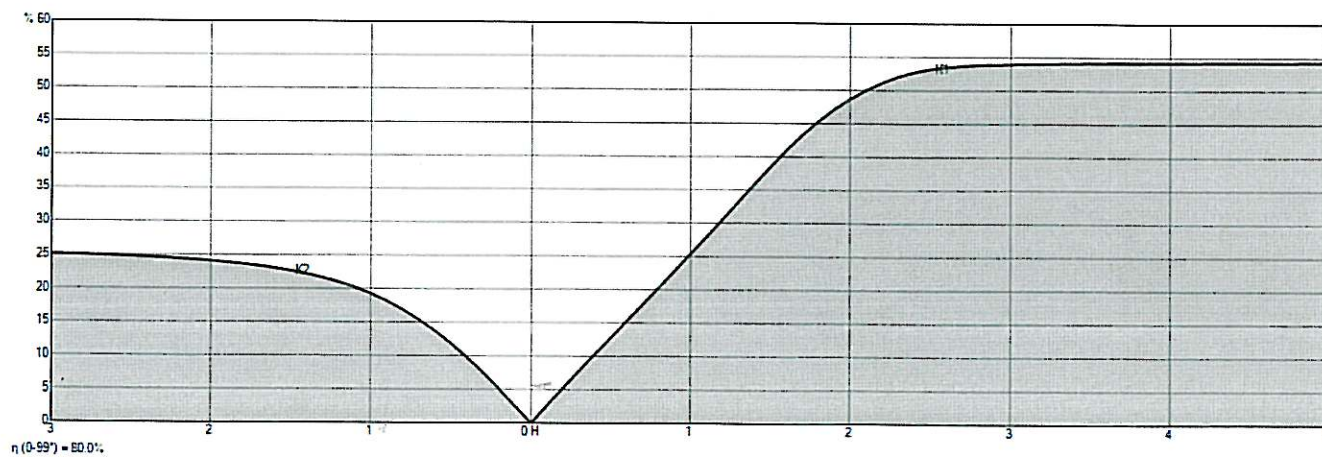
Polar/Cartesian diagram



Isolux



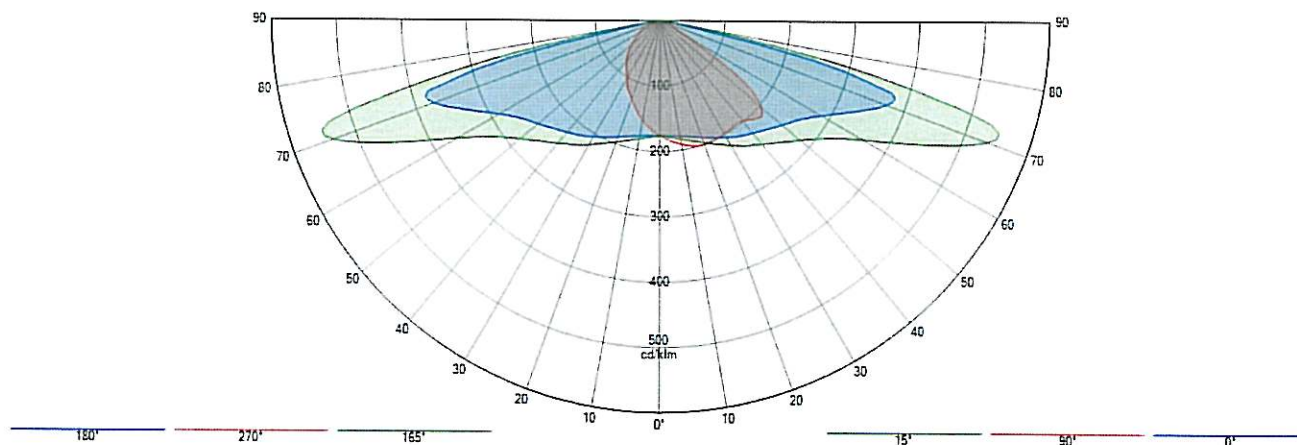
Utilization curve



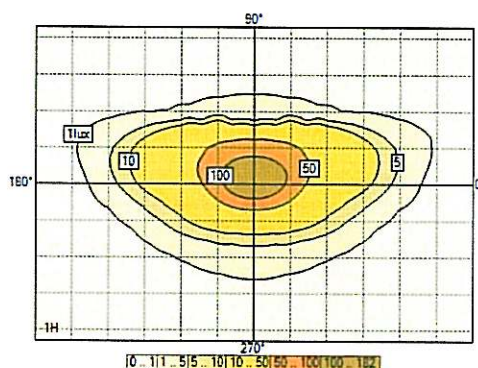
3.2. OMNISTAR 144 LEDs 1000mA NW Flat, Glass Extra Clear, Smooth 5118 364282

364282

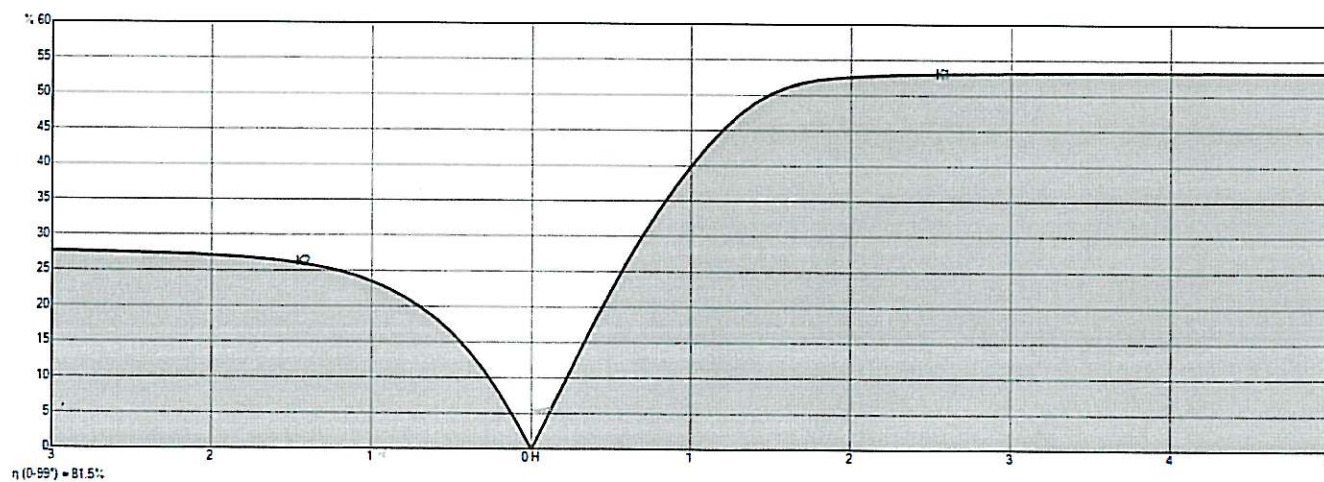
Polar/Cartesian diagram



Isolux



Utilization curve



4. Results

4.1. Grid summary

- Suprafata totala

1. Normal illuminance	Ave (A)(lux)	Min/Ave (%)	Min/Max (%)	Min (lux)	Max (lux)
Default	18.9	12	1	2.2	164.2

- Rampa incarcare titei

1. Normal illuminance	Ave (A)(lux)	Min/Ave (%)	Min/Max (%)	Min (lux)	Max (lux)
Default	116.4	40	16	46.7	294.6

- Rampa gazolina

1. Normal illuminance	Ave (A)(lux)	Min/Ave (%)	Min/Max (%)	Min (lux)	Max (lux)
Default	96.5	63	38	61.2	159.8

- Rezervoare gazolina

1. Normal illuminance	Ave (A)(lux)	Min/Ave (%)	Min/Max (%)	Min (lux)	Max (lux)
Default	11.3	65	24	7.3	31.1

- Statie pompe gazolina

1. Normal illuminance	Ave (A)(lux)	Min/Ave (%)	Min/Max (%)	Min (lux)	Max (lux)
Default	38.9	23	7	8.9	127.6

- Drum de acces

1. Normal illuminance	Ave (A)(lux)	Min/Ave (%)	Min/Max (%)	Min (lux)	Max (lux)
Default	10.2	63	9	6.4	69.2

- Drum de acces (1)

1. Normal illuminance	Ave (A)(lux)	Min/Ave (%)	Min/Max (%)	Min (lux)	Max (lux)
Default	11.6	38	17	4.4	25.3

- Drum de acces (2)

1. Normal illuminance	Ave (A)(lux)	Min/Ave (%)	Min/Max (%)	Min (lux)	Max (lux)
Default	22.7	52	32	11.8	37.2

Autoritatea Națională de Reglementare
în Domeniul Energiei

COȘAREANU MARIANA
CNP: 2661112182812

Verificator de proiecte/de instalații electrice
Autorizație nr. 526 / 2014

Valabilă până la data de : 16.05.2019

5. Summary power





5.1. Default

Fixture	Qty	Dimming	Power / Fixture	Total
AMPERA MAXI 96 LEDs 700mA NW Flat, Glass Extra Clear, Smooth 5121 357112	29	100 %	213 W	6177 W
OMNISTAR 144 LEDs 1000mA NW Flat, Glass Extra Clear, Smooth 5118 364282	12	100 %	470 W	5640 W

Total : 11817 W

6. Default

6.1. Matrix description

Ph. color	Matrix	Description	Source flux [klm]	Luminaire flux [klm]	Efficacy [lm/W]	MF	Height	Fixture
	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass Extra Clear, Smooth 5121	26.700	21.369	100	0.850	29 x 10m	
	364282	OMNISTAR 144 LEDs 1000mA NW Flat, Glass Extra Clear, Smooth 5118	52.531	42.833	91	0.850	12 x 10m	

6.2. Luminaire positions

	N°	Position			Matrix	Description	Luminaire					Target		
		X [m]	Y [m]	Z [m]			Az [°]	Incl [°]	Rot [°]	Flux [klm]	MF	X [m]	Y [m]	_lb/Ta rgetZ
<input checked="" type="checkbox"/>	1	3915.78	1473.99	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	30.0	15.0	0.0	26.700	0.850	3917.12	1476.31	0.00
<input checked="" type="checkbox"/>	2	3938.26	1512.25	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	270.0	15.0	0.0	26.700	0.850	3935.58	1512.25	0.00
<input checked="" type="checkbox"/>	3	3938.80	1513.31	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	0.0	15.0	0.0	26.700	0.850	3938.80	1515.99	0.00
<input checked="" type="checkbox"/>	4	3939.43	1512.19	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	90.0	15.0	0.0	26.700	0.850	3942.11	1512.19	0.00
<input checked="" type="checkbox"/>	5	3951.56	1467.05	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	0.0	15.0	0.0	26.700	0.850	3951.56	1469.73	0.00
<input checked="" type="checkbox"/>	6	3981.39	1544.49	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	180.0	15.0	0.0	26.700	0.850	3981.39	1541.81	0.00
<input checked="" type="checkbox"/>	7	3991.28	1460.55	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	0.0	15.0	0.0	26.700	0.850	3991.28	1463.23	0.00
<input checked="" type="checkbox"/>	8	4022.46	1544.06	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	180.0	15.0	0.0	26.700	0.850	4022.46	1541.38	0.00
<input checked="" type="checkbox"/>	9	4031.00	1455.39	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	0.0	15.0	0.0	26.700	0.850	4031.00	1458.07	0.00
<input checked="" type="checkbox"/>	10	4062.34	1501.04	10.00	364282	OMNISTAR 144 LEDs 1000mA NW Flat, Glass ...	180.0	15.0	0.0	52.531	0.850	4062.34	1498.36	0.00
<input checked="" type="checkbox"/>	11	4063.48	1544.23	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	180.0	15.0	0.0	26.700	0.850	4063.48	1541.55	0.00
<input checked="" type="checkbox"/>	12	4071.41	1451.96	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	0.0	15.0	0.0	26.700	0.850	4071.41	1454.63	0.00
<input checked="" type="checkbox"/>	13	4086.16	1501.99	10.00	364282	OMNISTAR 144 LEDs 1000mA NW Flat, Glass ...	180.0	15.0	0.0	52.531	0.850	4086.16	1499.31	0.00
<input checked="" type="checkbox"/>	14	4104.52	1544.58	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	180.0	15.0	0.0	26.700	0.850	4104.52	1541.90	0.00
<input checked="" type="checkbox"/>	15	4111.10	1502.38	10.00	364282	OMNISTAR 144 LEDs 1000mA NW Flat, Glass ...	180.0	15.0	0.0	52.531	0.850	4111.10	1499.70	0.00
<input checked="" type="checkbox"/>	16	4111.20	1450.89	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	0.0	15.0	0.0	26.700	0.850	4111.20	1453.57	0.00
<input checked="" type="checkbox"/>	17	4112.48	1481.01	10.00	364282	OMNISTAR 144 LEDs 1000mA NW Flat, Glass ...	0.0	15.0	0.0	52.531	0.850	4112.48	1483.69	0.00
<input checked="" type="checkbox"/>	18	4134.21	1502.73	10.00	364282	OMNISTAR 144 LEDs 1000mA NW Flat, Glass ...	180.0	15.0	0.0	52.531	0.850	4134.21	1500.05	0.00
<input checked="" type="checkbox"/>	19	4134.68	1481.26	10.00	364282	OMNISTAR 144 LEDs 1000mA NW Flat, Glass ...	0.0	15.0	0.0	52.531	0.850	4134.68	1483.94	0.00
<input checked="" type="checkbox"/>	20	4145.54	1544.47	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	180.0	15.0	0.0	26.700	0.850	4145.54	1541.79	0.00
<input checked="" type="checkbox"/>	21	4151.38	1451.57	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	0.0	15.0	0.0	26.700	0.850	4151.38	1454.25	0.00
<input checked="" type="checkbox"/>	22	4160.00	1503.24	10.00	364282	OMNISTAR 144 LEDs 1000mA NW Flat, Glass ...	180.0	15.0	0.0	52.531	0.850	4160.00	1500.56	0.00
<input checked="" type="checkbox"/>	23	4160.01	1481.20	10.00	364282	OMNISTAR 144 LEDs 1000mA NW Flat, Glass ...	0.0	15.0	0.0	52.531	0.850	4160.01	1483.87	0.00
<input checked="" type="checkbox"/>	24	4179.32	1503.82	10.00	364282	OMNISTAR 144 LEDs 1000mA NW Flat, Glass ...	180.0	15.0	0.0	52.531	0.850	4179.32	1501.14	0.00
<input checked="" type="checkbox"/>	25	4186.48	1543.09	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	180.0	15.0	0.0	26.700	0.850	4186.48	1540.41	0.00
<input checked="" type="checkbox"/>	26	4190.48	1485.40	10.00	364282	OMNISTAR 144 LEDs 1000mA NW Flat, Glass ...	0.0	15.0	0.0	52.531	0.850	4190.48	1488.08	0.00
<input checked="" type="checkbox"/>	27	4191.41	1452.11	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	0.0	15.0	0.0	26.700	0.850	4191.41	1454.79	0.00

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✓	28	4191.74	1484.50	10.00	364282	OMNISTAR 144 LEDs 1000mA NW Flat, Glass ...	90.0	15.0	0.0	52.531	0.850	4194.42	1484.50	0.00
✓	29	4208.10	1504.24	10.00	364282	OMNISTAR 144 LEDs 1000mA NW Flat, Glass ...	180.0	15.0	0.0	52.531	0.850	4208.10	1501.56	0.00
✓	30	4227.59	1541.12	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	180.0	15.0	0.0	26.700	0.850	4227.59	1538.44	0.00
✓	31	4231.54	1452.69	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	0.0	15.0	0.0	26.700	0.850	4231.54	1455.37	0.00
✓	32	4268.69	1541.05	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	180.0	15.0	0.0	26.700	0.850	4268.69	1538.37	0.00
✓	33	4271.38	1453.22	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	0.0	15.0	0.0	26.700	0.850	4271.38	1455.90	0.00
✓	34	4309.86	1541.82	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	180.0	15.0	0.0	26.700	0.850	4309.86	1539.14	0.00
✓	35	4312.41	1453.19	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	0.0	15.0	0.0	26.700	0.850	4312.41	1455.87	0.00
✓	36	4350.97	1542.70	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	180.0	15.0	0.0	26.700	0.850	4350.97	1540.03	0.00
✓	37	4353.46	1453.59	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	0.0	15.0	0.0	26.700	0.850	4353.46	1456.27	0.00
✓	38	4392.39	1543.66	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	180.0	15.0	0.0	26.700	0.850	4392.39	1540.98	0.00
✓	39	4394.42	1512.57	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	270.0	5.0	0.0	26.700	0.850	4393.54	1512.57	0.00
✓	40	4394.48	1454.19	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	0.0	15.0	0.0	26.700	0.850	4394.48	1456.87	0.00
✓	41	4394.81	1482.60	10.00	357112	AMPERA MAXI 96 LEDs 700mA NW Flat, Glass ...	270.0	5.0	0.0	26.700	0.850	4393.94	1482.60	0.00



6.3. Luminaire groups

Single									
	N°	Position			Luminaire				
		X [m]	Y [m]	Z [m]	Matrix	Az [°]	Incl [°]	Rot [°]	Dim [%]
✓	1	3915.78	1473.99	10.00	357112	30.0	15.0	0.0	100
✓	2	3938.26	1512.25	10.00	357112	270.0	15.0	0.0	100
✓	3	3938.80	1513.31	10.00	357112	0.0	15.0	0.0	100
✓	4	3939.43	1512.19	10.00	357112	90.0	15.0	0.0	100
✓	5	3951.56	1467.05	10.00	357112	0.0	15.0	0.0	100
✓	6	3981.39	1544.49	10.00	357112	180.0	15.0	0.0	100
✓	7	3991.28	1460.55	10.00	357112	0.0	15.0	0.0	100
✓	8	4022.46	1544.06	10.00	357112	180.0	15.0	0.0	100
✓	9	4031.00	1455.39	10.00	357112	0.0	15.0	0.0	100
✓	10	4062.34	1501.04	10.00	364282	180.0	15.0	0.0	100
✓	11	4063.48	1544.23	10.00	357112	180.0	15.0	0.0	100
✓	12	4071.41	1451.96	10.00	357112	0.0	15.0	0.0	100
✓	13	4086.16	1501.99	10.00	364282	180.0	15.0	0.0	100
✓	14	4104.52	1544.58	10.00	357112	180.0	15.0	0.0	100
✓	15	4111.10	1502.38	10.00	364282	180.0	15.0	0.0	100
✓	16	4111.20	1450.89	10.00	357112	0.0	15.0	0.0	100
✓	17	4112.48	1481.01	10.00	364282	0.0	15.0	0.0	100
✓	18	4134.21	1502.73	10.00	364282	180.0	15.0	0.0	100
✓	19	4134.68	1481.26	10.00	364282	0.0	15.0	0.0	100
✓	20	4145.54	1544.47	10.00	357112	180.0	15.0	0.0	100

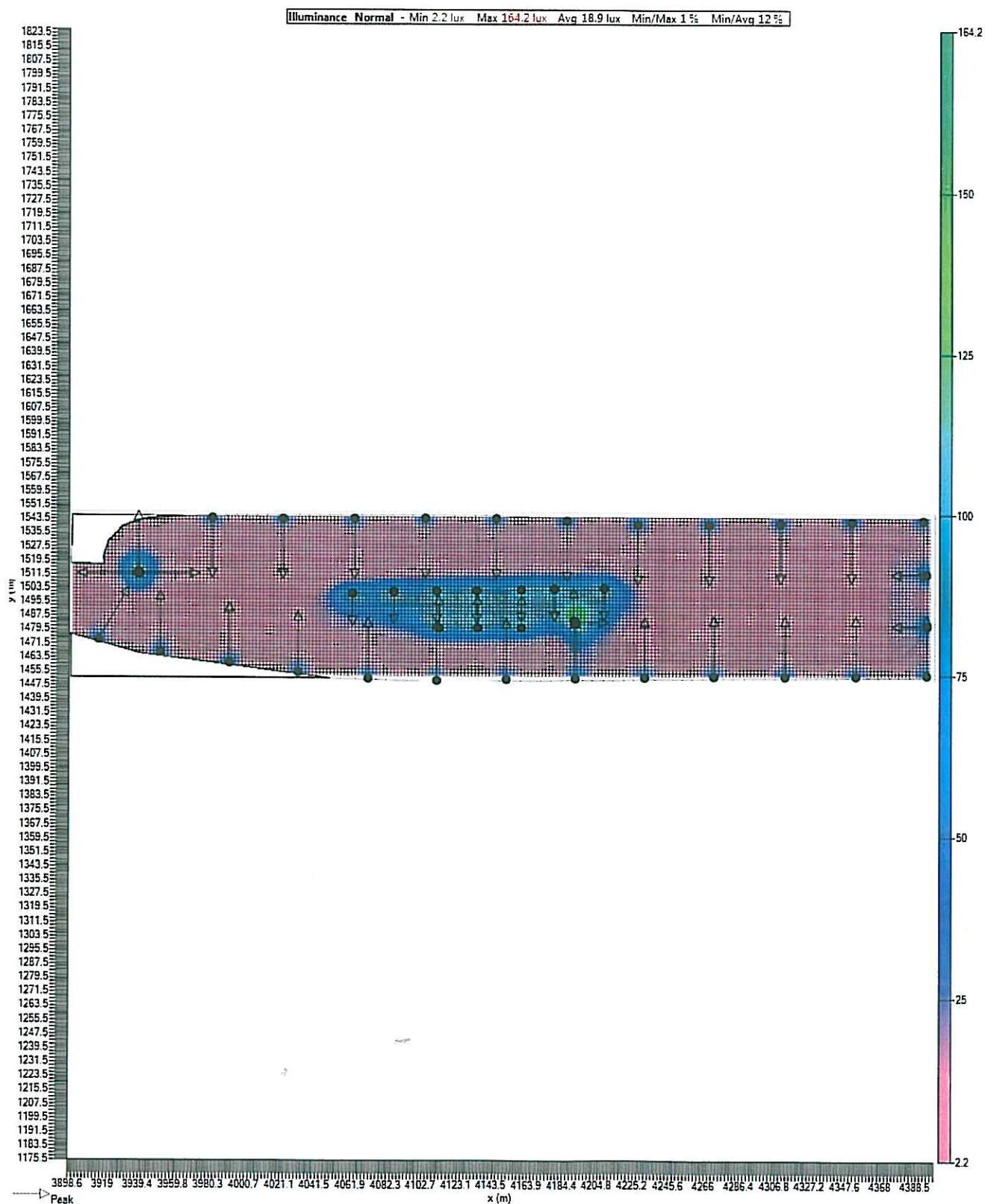
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<input checked="" type="checkbox"/>	21	4151.38	1451.57	10.00	357112	0.0	15.0	0.0	100
<input checked="" type="checkbox"/>	22	4160.00	1503.24	10.00	364282	180.0	15.0	0.0	100
<input checked="" type="checkbox"/>	23	4160.01	1481.20	10.00	364282	0.0	15.0	0.0	100
<input checked="" type="checkbox"/>	24	4179.32	1503.82	10.00	364282	180.0	15.0	0.0	100
<input checked="" type="checkbox"/>	25	4186.48	1543.09	10.00	357112	180.0	15.0	0.0	100
<input checked="" type="checkbox"/>	26	4190.48	1485.40	10.00	364282	0.0	15.0	0.0	100
<input checked="" type="checkbox"/>	27	4191.41	1452.11	10.00	357112	0.0	15.0	0.0	100
<input checked="" type="checkbox"/>	28	4191.74	1484.50	10.00	364282	90.0	15.0	0.0	100
<input checked="" type="checkbox"/>	29	4208.10	1504.24	10.00	364282	180.0	15.0	0.0	100
<input checked="" type="checkbox"/>	30	4227.59	1541.12	10.00	357112	180.0	15.0	0.0	100
<input checked="" type="checkbox"/>	31	4231.54	1452.69	10.00	357112	0.0	15.0	0.0	100
<input checked="" type="checkbox"/>	32	4268.69	1541.05	10.00	357112	180.0	15.0	0.0	100
<input checked="" type="checkbox"/>	33	4271.38	1453.22	10.00	357112	0.0	15.0	0.0	100
<input checked="" type="checkbox"/>	34	4309.86	1541.82	10.00	357112	180.0	15.0	0.0	100
<input checked="" type="checkbox"/>	35	4312.41	1453.19	10.00	357112	0.0	15.0	0.0	100
<input checked="" type="checkbox"/>	36	4350.97	1542.70	10.00	357112	180.0	15.0	0.0	100
<input checked="" type="checkbox"/>	37	4353.46	1453.59	10.00	357112	0.0	15.0	0.0	100
<input checked="" type="checkbox"/>	38	4392.39	1543.66	10.00	357112	180.0	15.0	0.0	100
<input checked="" type="checkbox"/>	39	4394.42	1512.57	10.00	357112	270.0	5.0	0.0	100
<input checked="" type="checkbox"/>	40	4394.48	1454.19	10.00	357112	0.0	15.0	0.0	100
<input checked="" type="checkbox"/>	41	4394.81	1482.60	10.00	357112	270.0	5.0	0.0	100



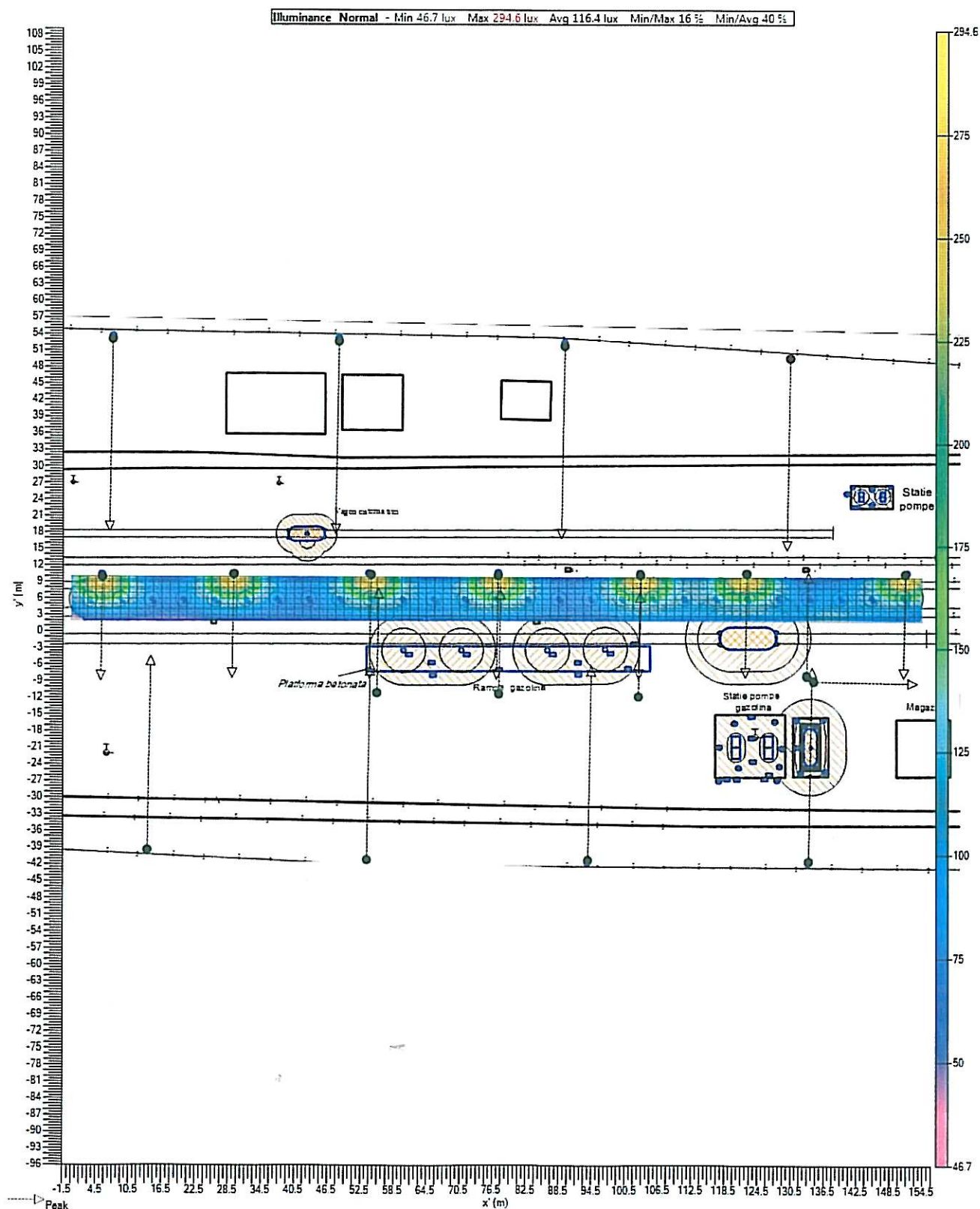
6.4. Suprafata totala - Normal illuminance

Shading



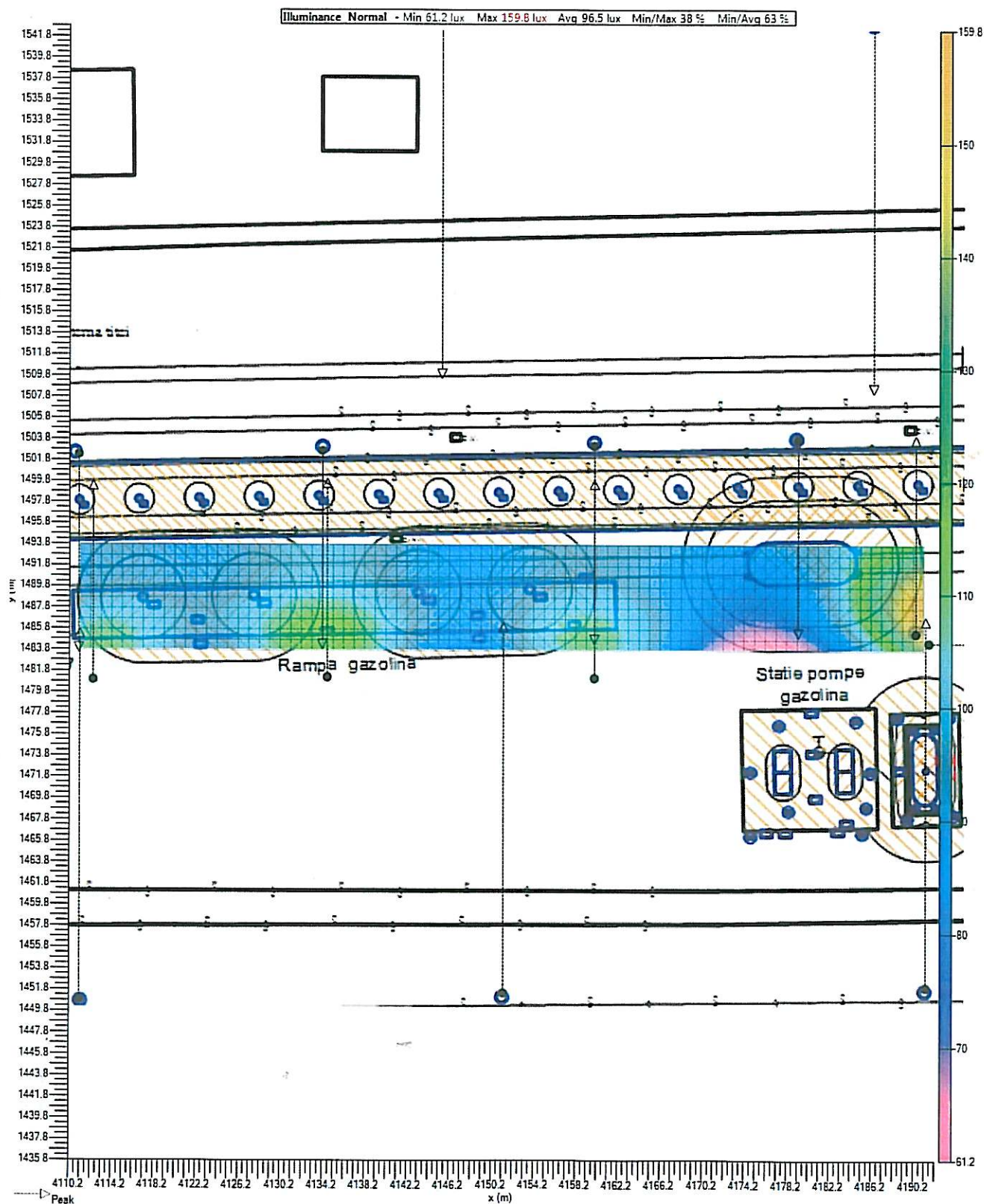
6.5. Rampa incarcare titei - Normal illuminance

Shading



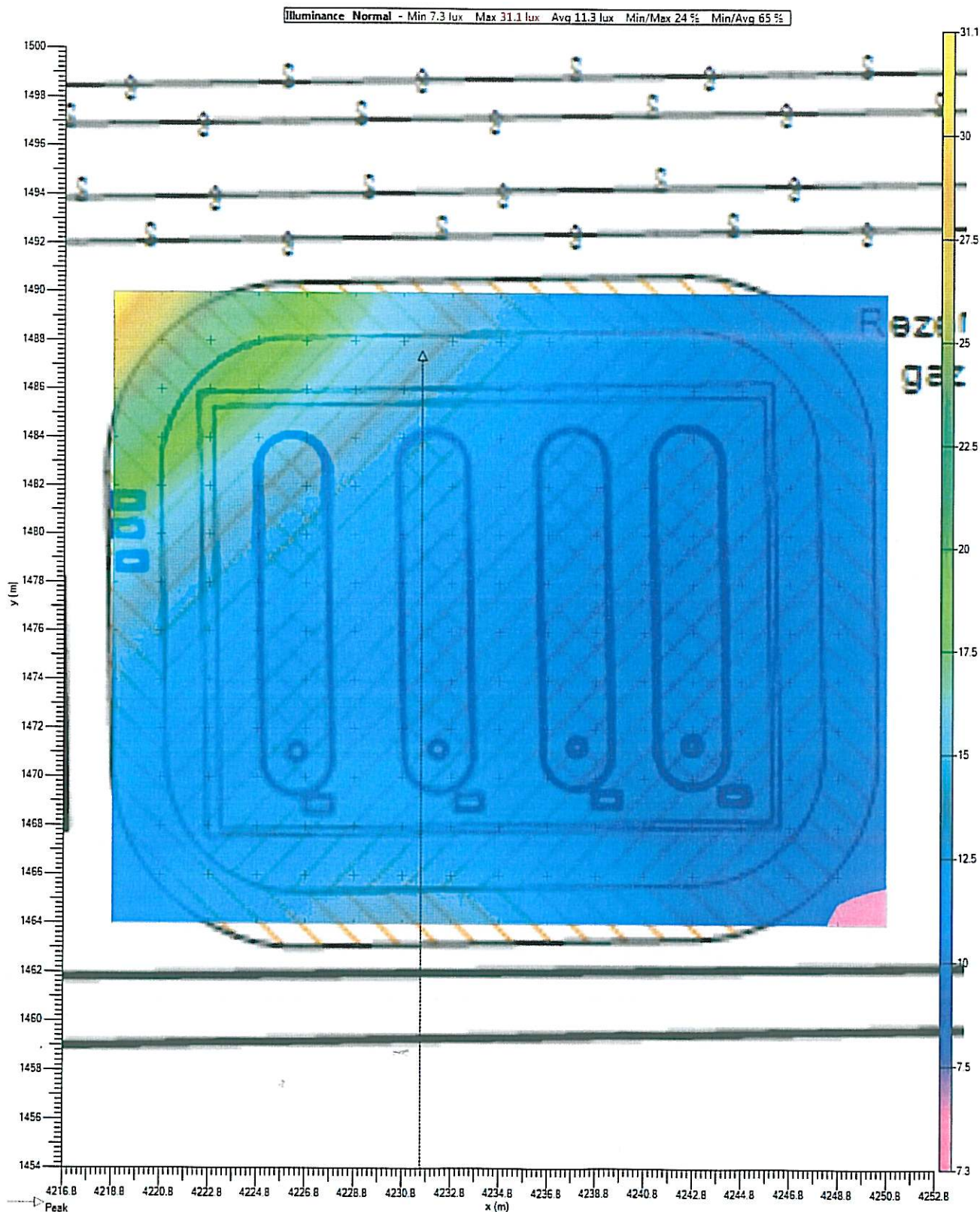
6.6. Rampa gazolina - Normal illuminance

Shading



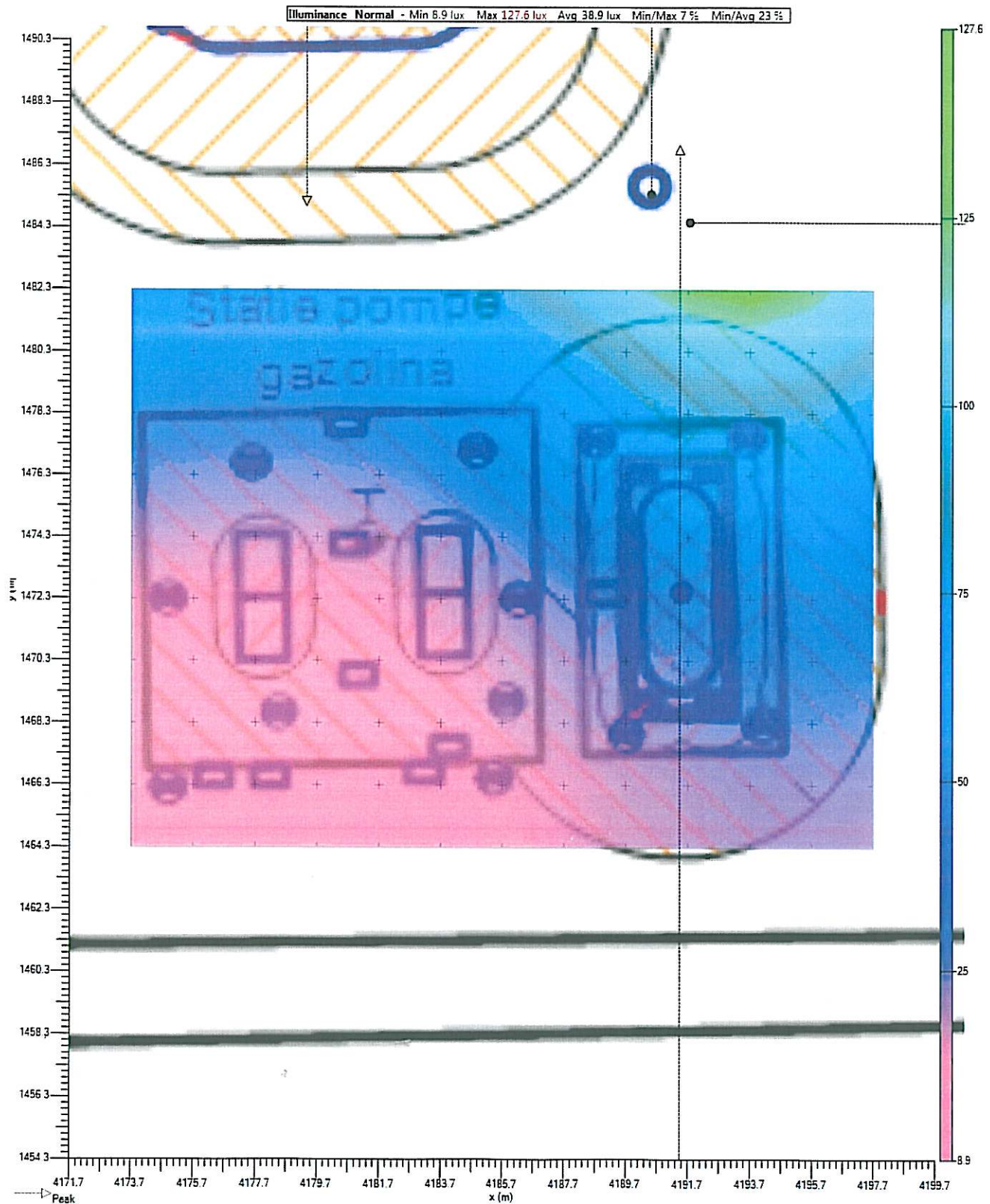
6.7. Rezervoare gazolina - Normal illuminance

Shading



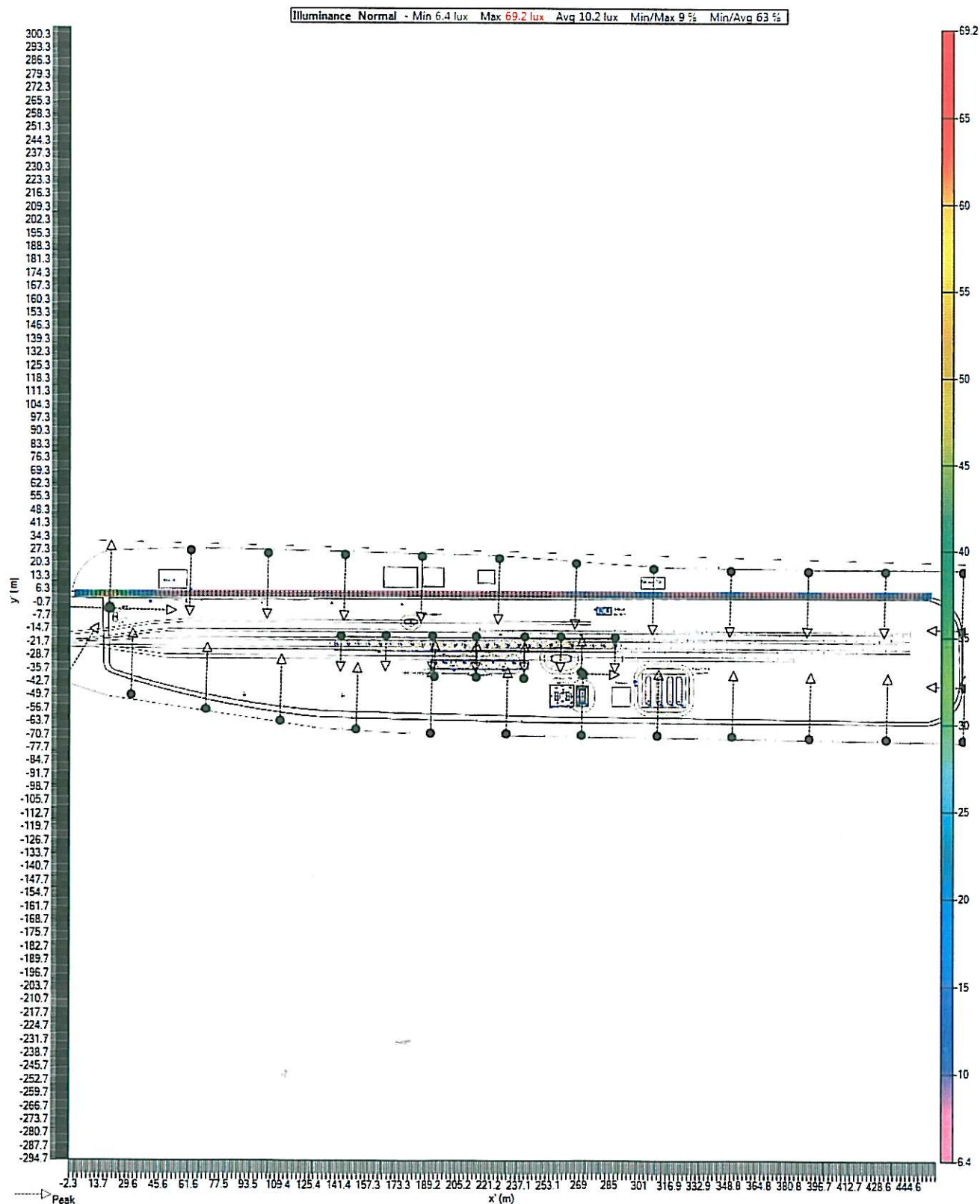
6.8. Statie pompe gazolina - Normal illuminance

Shading



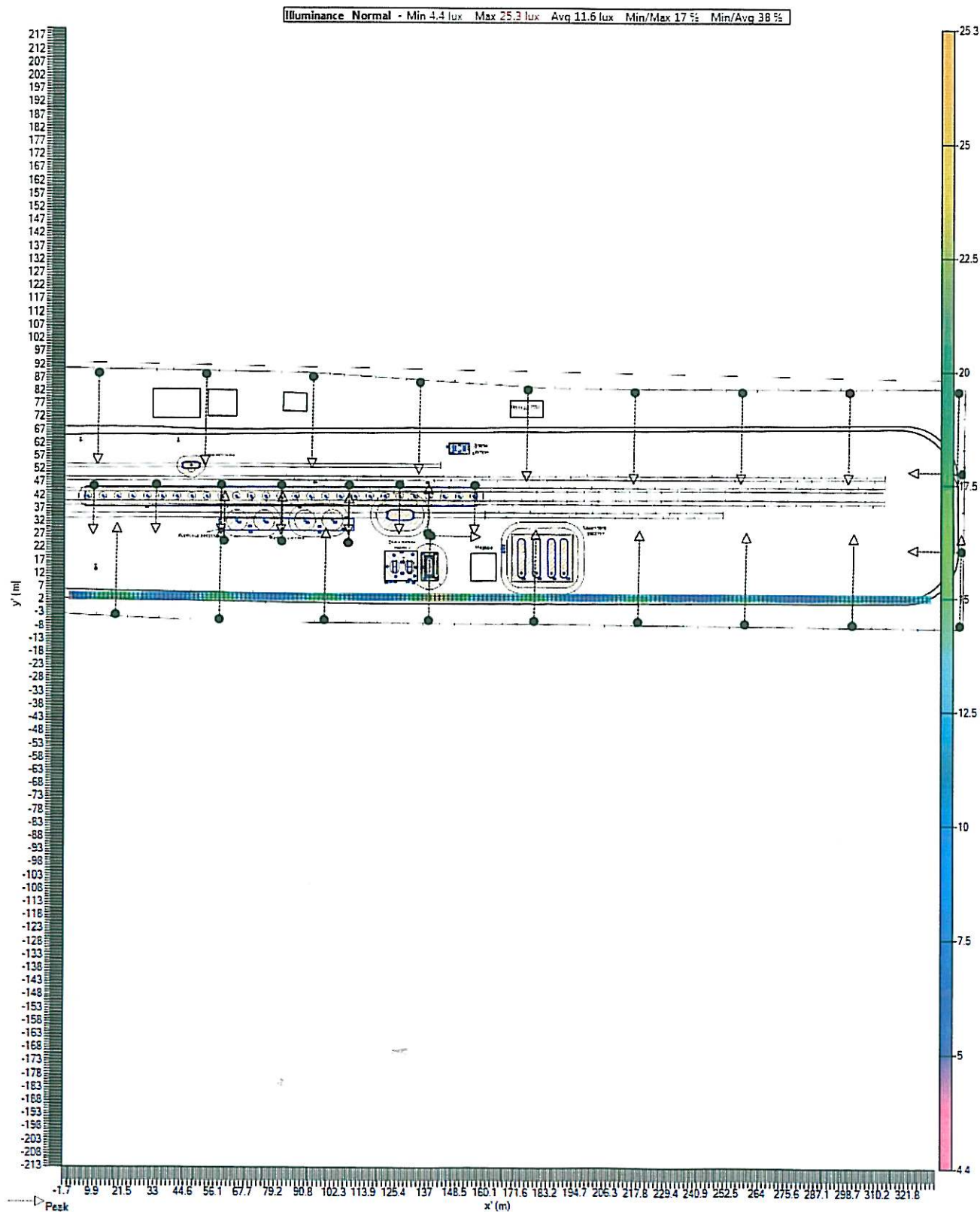
6.9. Drum de acces - Normal illuminance

Shading



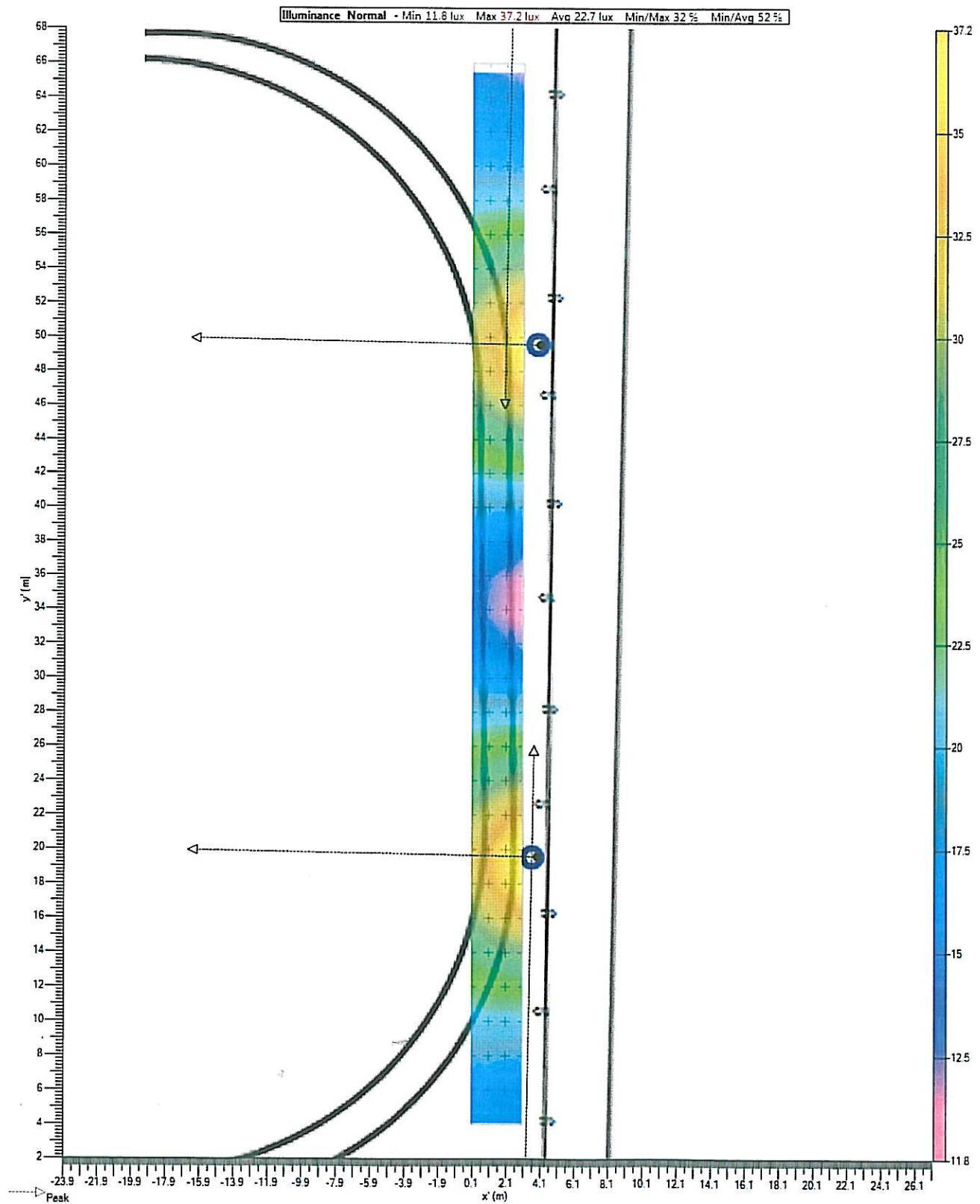
6.10. Drum de acces (1) - Normal illuminance

Shading



6.11. Drum de acces (2) - Normal illuminance

Shading



7. Grids

7.1. Suprafata totala

General

Type :Grid rectangular XY

Use Exclusion : Use exclusion

En : ☒

Colour :

Geometry

Origin

X : Y : Z : m

Rotation

X : Y : Z : °

Dimension

Count X : Count Y :
 Spacing X : Spacing Y : m
 Size X : Size Y : m

7.2. Rampa incarcare titei

General

Type :Grid rectangular XY

Use Exclusion : -

En : ☒

Colour :

Geometry

Origin

X : Y : Z : m

Rotation

X : Y : Z : °

Dimension

Count X : Count Y :
 Spacing X : Spacing Y : m
 Size X : Size Y : m



7.3. Rampa gazolina

General

Type :Grid rectangular XY

Use Exclusion : -

En : ☒

Colour : ■

Geometry

Origin

X: Y: Z: m

Rotation

X: Y: Z: °

Dimension

Count X: Count Y:
 Spacing X: Spacing Y: m
 Size X: Size Y: m

7.4. Rezervoare gazolina

General

Type :Grid rectangular XY

Use Exclusion : -

En : ☒

Colour : ■

Geometry

Origin

X: Y: Z: m

Rotation

X: Y: Z: °

Dimension

Count X: Count Y:
 Spacing X: Spacing Y: m
 Size X: Size Y: m



7.5. Statie pompe gasolina

General

Type :Grid rectangular XY

Use Exclusion : -

En : ☒

Colour : ■

Geometry

Origin

X : Y : Z : m

Rotation

X : Y : Z : °

Dimension

Count X : Count Y :
 Spacing X : Spacing Y : m
 Size X : Size Y : m

7.6. Drum de acces

General

Type :Grid rectangular XY

Use Exclusion : -

En : ☒

Colour : ■

Geometry

Origin

X : Y : Z : m

Rotation

X : Y : Z : °

Dimension

Count X : Count Y :
 Spacing X : Spacing Y : m
 Size X : Size Y : m

Autoritatea Națională de Reglementare
în Domeniul Energiei

COȘAREANU MARIANA

CNP: 2661112182812

COȘAREANU
Verificator de proiecte de instalații electrice

Autorizație nr. 526 / 2014

Valabilă până la data de : 16.05.2019

7.7. Drum de acces (1)

General

Type :Grid rectangular XY

Use Exclusion : -

En : ☒

Colour : 

Geometry

Origin

X : 4053.50

Y : 1457.06

Z : 0.00 m

Rotation

X : 0.0

Y : 0.0

Z : 1.0 °

Dimension

Count X : 201

Count Y : 4

Spacing X : 1.65

Spacing Y : 1.00 m

Size X : 330.00

Size Y : 3.00 m

7.8. Drum de acces (2)

General

Type :Grid rectangular XY

Use Exclusion : -

En : ☒

Colour : 

Geometry

Origin

X : 4391.23

Y : 1466.95

Z : 0.00 m

Rotation

X : 0.0

Y : 0.0

Z : 1.0 °

Dimension

Count X : 4

Count Y : 32

Spacing X : 1.00

Spacing Y : 2.00 m

Size X : 3.00

Size Y : 62.00 m

