

Cahul

Installation :

Project number : S-A34MD0-24112666

Customer :

Processed by :

Date : 14.03.2024

The following values are based on precise calculations performed on calibrated lamps and luminaires, and their configurations, whereby gradual, unavoidable deviations can occur in practice. All guarantee claims are excluded for the specified data.

This exclusion of liability applies irrespective of the legal grounds for both damages and consequential damages suffered by users and third parties.

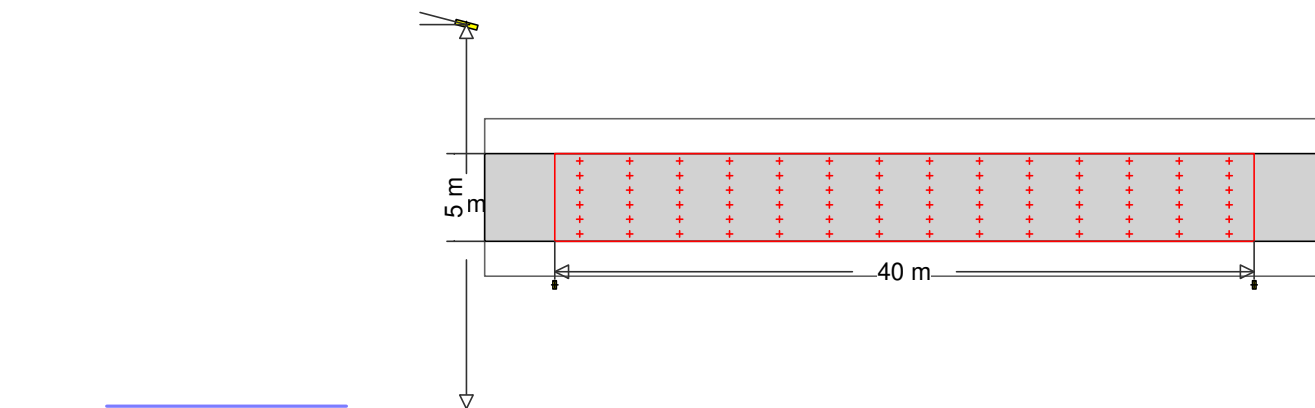
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



1 1. Alexandru Lipcan

1.1 Summary, 1. Alexandru Lipcan

1.1.1 Result overview, 1. Alexandru Lipcan



LUG LIGHT FACTORY

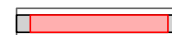
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot. centre)	: 8.00 m
Overhang	: -2.50 m	Tilt	: 15.00 °
Abs. position	: -2.50 m	Glare index class	: D3
Load/km	: 750 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 40m x 5m (14 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.49 cd/m ²	0.54	0.70	8	0.58
1:(y=1.25)	0.45 cd/m ²	0.55	0.57	13	0.80
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 40m x 5m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
8.23 lx	3.40 lx	0.41	0.18

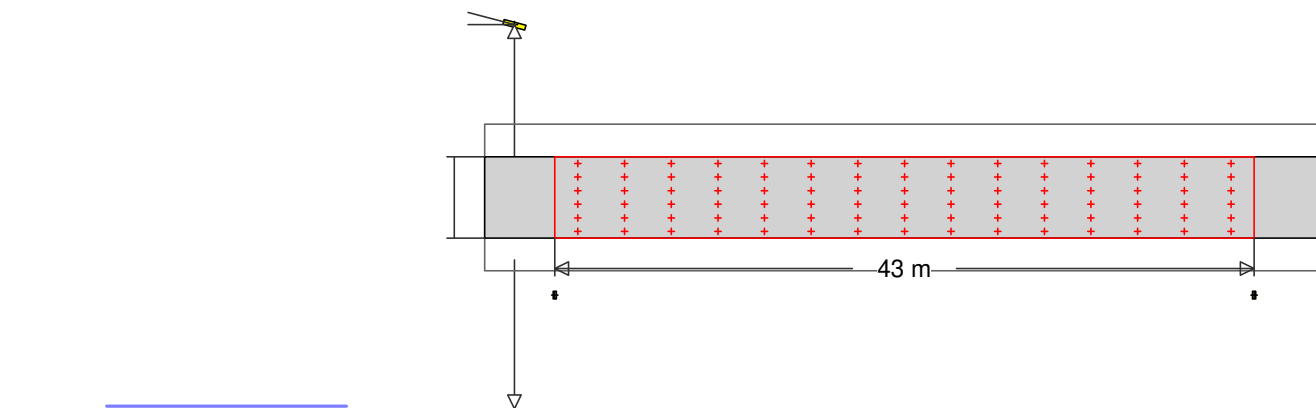
Object : Cahul
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 Date : 14.03.2024



2. Dorobantilor

2.1 Summary, 2. Dorobantilor

2.1.1 Result overview, 2. Dorobantilor



LUG LIGHT FACTORY

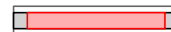
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 43.00 m	Height (phot centre)	: 8.00 m
Overhang	: -3.50 m	Tilt	: 15.00 °
Abs. position	: -3.50 m	Glare index class	: D3
Load/km	: 698 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 43m x 5m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.38 cd/m ²	0.51	0.71	8	0.50
1:(y=1.25)	0.36 cd/m ²	0.52	0.52	14	1.01
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 43m x 5m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.87 lx	2.57 lx	0.37	0.14

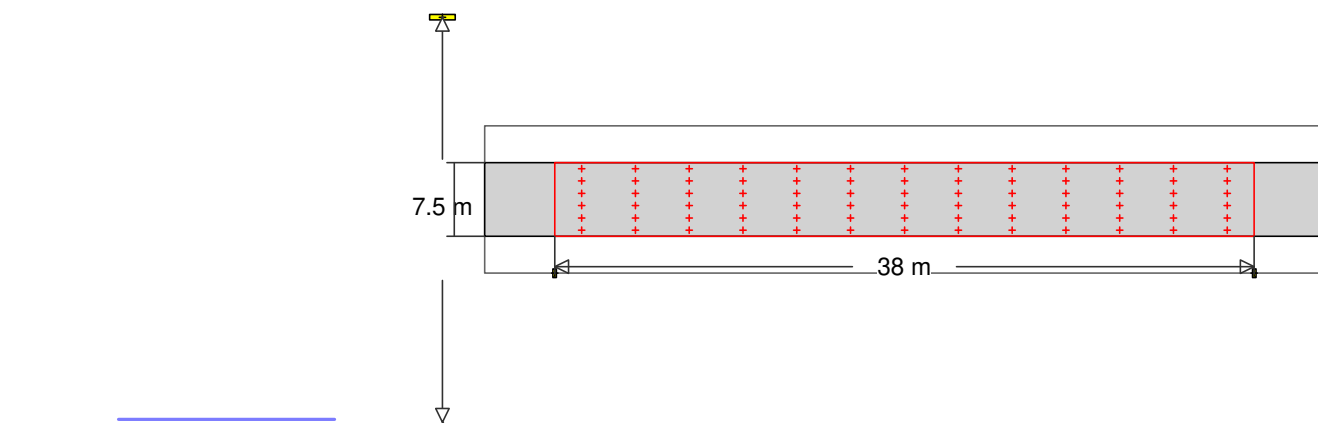
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



3. Gheorghe Cosbus

3.1 Summary, 3. Gheorghe Cosbus

3.1.1 Result overview, 3. Gheorghe Cosbus



LUG LIGHT FACTORY

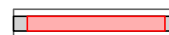
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 38.00 m	Height (phot.center)	: 7.50 m
Overhang	: -2.00 m	Tilt	: 0.00 °
Abs. position	: -2.00 m	Glare index class	: D6
Load/km	: 789 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 38m x 4m (13 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.42 cd/m ²	0.54	0.64	8	0.71
1:(y=1.00)	0.39 cd/m ²	0.53	0.57	12	1.03
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 38m x 4m (13 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.85 lx	2.34 lx	0.34	0.14

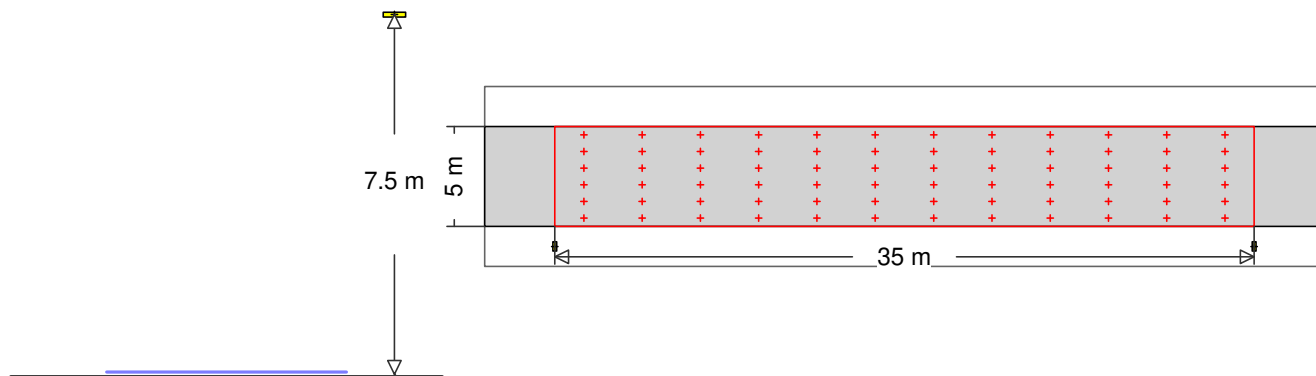
Object : Cahul
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4 4. Ivan Spirin Aux 1,2,3,4

4.1 Summary, 4. Ivan Spirin Aux 1,2,3,4

4.1.1 Result overview, 4. Ivan Spirin Aux 1,2,3,4



LUG LIGHT FACTORY

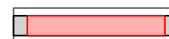
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 35.00 m	Height (phot. centre)	: 7.50 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 857 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 35m x 5m (12 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.50 cd/m ²	0.52	0.70	8	0.65
1:(y=1.25)	0.46 cd/m ²	0.52	0.63	11	0.92
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 35m x 5m (12 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.66 lx	2.79 lx	0.36	0.16

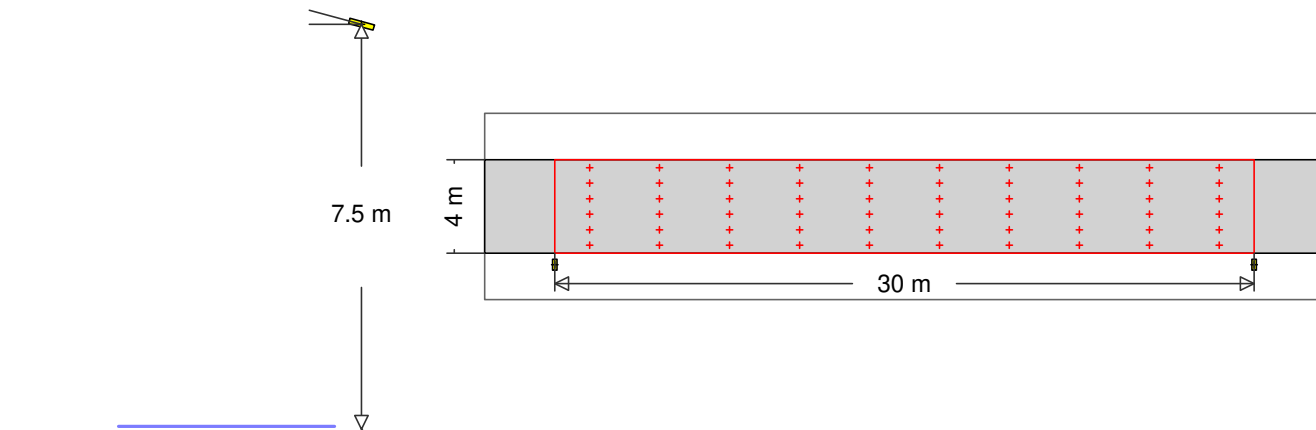
Object : Cahul
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5 5. Manastirii

5.1 Summary, 5. Manastirii

5.1.1 Result overview, 5. Manastirii



LUG LIGHT FACTORY

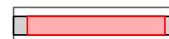
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 30.00 m	Height (phot.center)	: 7.50 m
Overhang	: -0.50 m	Tilt	: 15.00 °
Abs. position	: -0.50 m	Glare index class	: D0
Load/km	: 1000 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 30m x 4m (10 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	R_{EI}
2:(y=3.00)	0.55 cd/m ²	0.66	0.69	8	0.86
1:(y=1.00)	0.51 cd/m ²	0.65	0.71	7	0.83
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 30m x 4m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
8.42 lx	3.09 lx	0.37	0.20

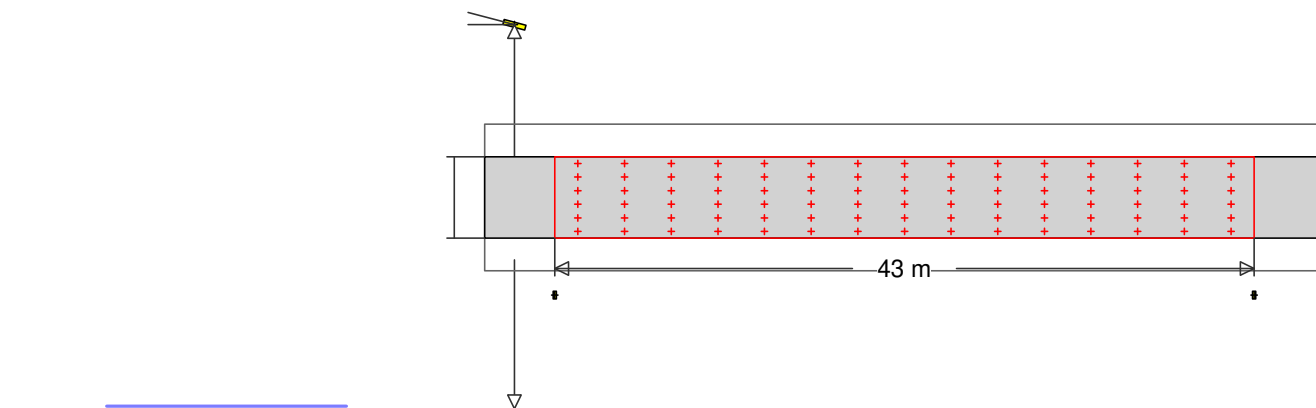
Object : Cahul
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6. Mihail Kogalniceanu

6.1 Summary, 6. Mihail Kogalniceanu

6.1.1 Result overview, 6. Mihail Kogalniceanu



LUG LIGHT FACTORY

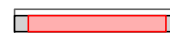
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 43.00 m	Height (phot.center)	: 8.00 m
Overhang	: -3.50 m	Tilt	: 15.00 °
Abs. position	: -3.50 m	Glare index class	: D3
Load/km	: 698 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 43m x 5m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.38 cd/m ²	0.51	0.71	8	0.50
1:(y=1.25)	0.36 cd/m ²	0.52	0.52	14	1.01
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 43m x 5m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.87 lx	2.57 lx	0.37	0.14

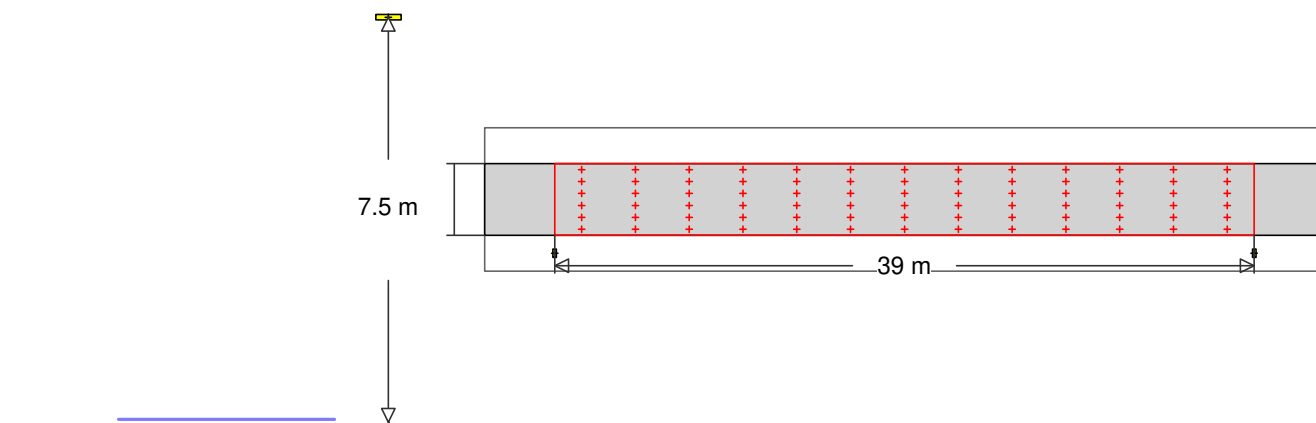
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



7 7. Nicolae Milescu Spataru

7.1 Summary, 7. Nicolae Milescu Spataru

7.1.1 Result overview, 7. Nicolae Milescu Spataru



LUG LIGHT FACTORY

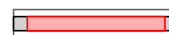
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 39.00 m	Height (phot.center)	: 7.50 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 769 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 39m x 4m (13 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.47 cd/m ²	0.53	0.59	9	0.76
1:(y=1.00)	0.44 cd/m ²	0.52	0.51	11	0.93
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 39m x 4m (13 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.18 lx	1.97 lx	0.27	0.11

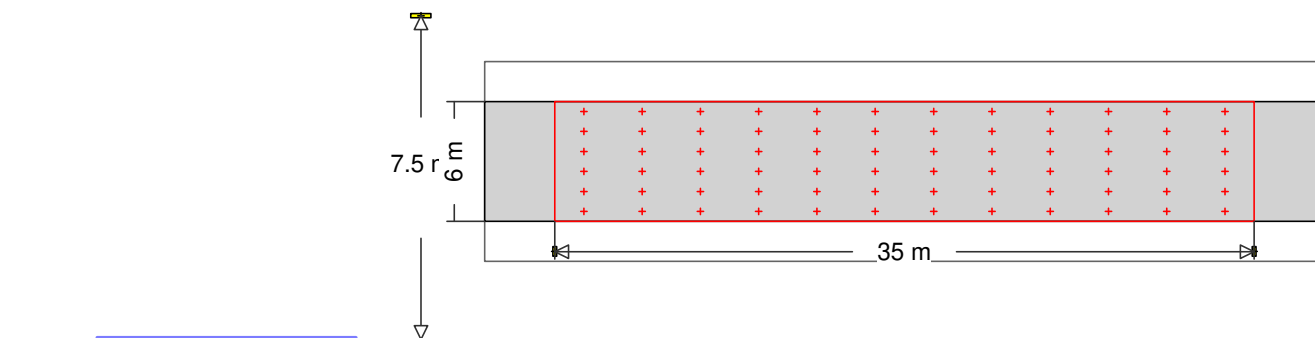
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



8 8. Profesor Dimitriu

8.1 Summary, 8. Profesor Dimitriu

8.1.1 Result overview, 8. Profesor Dimitriu



LUG LIGHT FACTORY

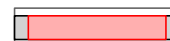
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 35.00 m	Height (phot.center)	: 7.50 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 857 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 35m x 6m (12 x 6 pts)

Observer

2 : x=-60.00m, y=4.50m, z=1.50m

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.50)	0.43 cd/m ²	0.47	0.77	7	0.51
1:(y=1.50)	0.39 cd/m ²	0.49	0.65	12	0.97
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 35m x 6m (12 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.94 lx	2.83 lx	0.41	0.17

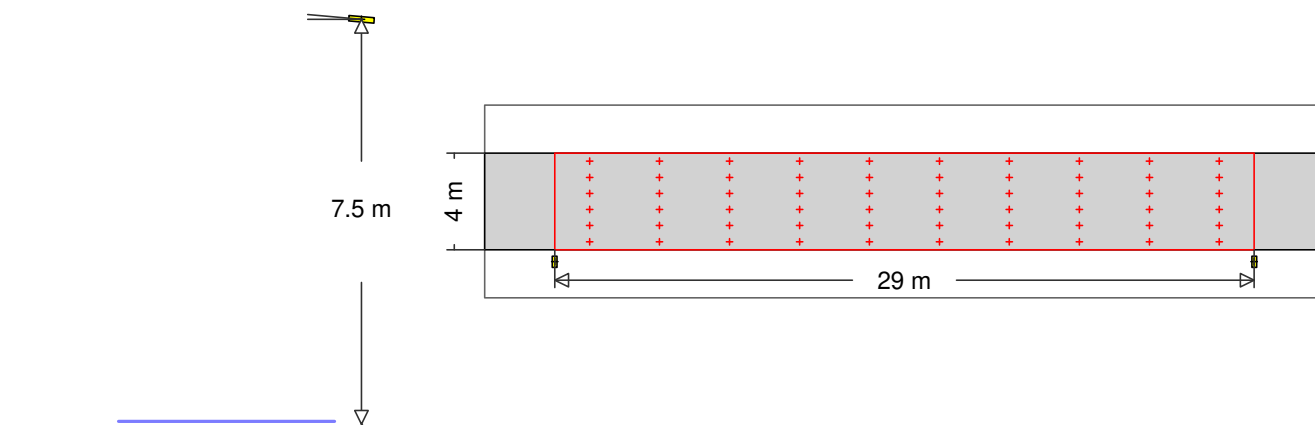
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



9. Profesor Dimitriu Aux.1

9.1 Summary, 9. Profesor Dimitriu Aux.1

9.1.1 Result overview, 9. Profesor Dimitriu Aux.1



LUG LIGHT FACTORY

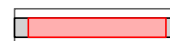
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 29.00 m	Height (phot.center)	: 7.50 m
Overhang	: -0.50 m	Tilt	: 5.00 °
Abs. position	: -0.50 m	Glare index class	: D5
Load/km	: 1034 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 29m x 4m (10 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	R_{EI}
2:(y=3.00)	0.64 cd/m ²	0.66	0.76	8	0.82
1:(y=1.00)	0.60 cd/m ²	0.65	0.77	8	0.87
M6	≥ 0.30 cd/m ²	≥ 0.35	≥ 0.40	≤ 20	≥ 0.30

Illuminance

Calculation field: 29m x 4m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
9.54 lx	4.00 lx	0.42	0.23

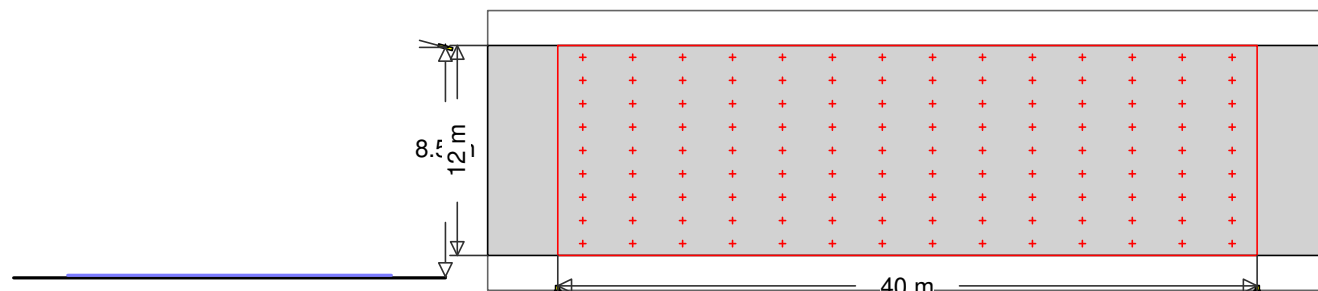
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



10 10. Sos. Scheia

10.1 Summary, 10. Sos. Scheia

10.1.1 Result overview, 10. Sos. Scheia



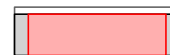
LUG Light Factory
 3 Order No. : 130222.7L782.681.002
 Luminaire name : URBINO LED ED D4i 9300lm/740 O92 gray II kl. mod. 002
 Equipment : 1 x LED 59.5 W / 9300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot centre)	: 8.50 m
Overhang	: -2.00 m	Tilt	: 15.00 °
Abs. position	: -2.00 m	Glare index class	: D0
Load/km	: 1488 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 12.00 m Lanes : 3
 Surface : R3, q0=0.07



Luminance

Calculation field: 40m x 12m (14 x 9 pts)

Observer

3 : x=-60.00m, y=10.00m, z=1.50m
 2 : x=-60.00m, y=6.00m, z=1.50m
 1 : x=-60.00m, y=2.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	fTI	REI
3:(y=10.00)	0.63 cd/m ²	0.40	0.74	5	0.58
2:(y=6.00)	0.57 cd/m ²	0.42	0.69	10	
1:(y=2.00)	0.51 cd/m ²	0.45	0.64	15	0.56
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 40m x 12m (14 x 9 pts)

\bar{E}_m	E_{min}	U_o	U_d
9.66 lx	4.06 lx	0.42	0.17

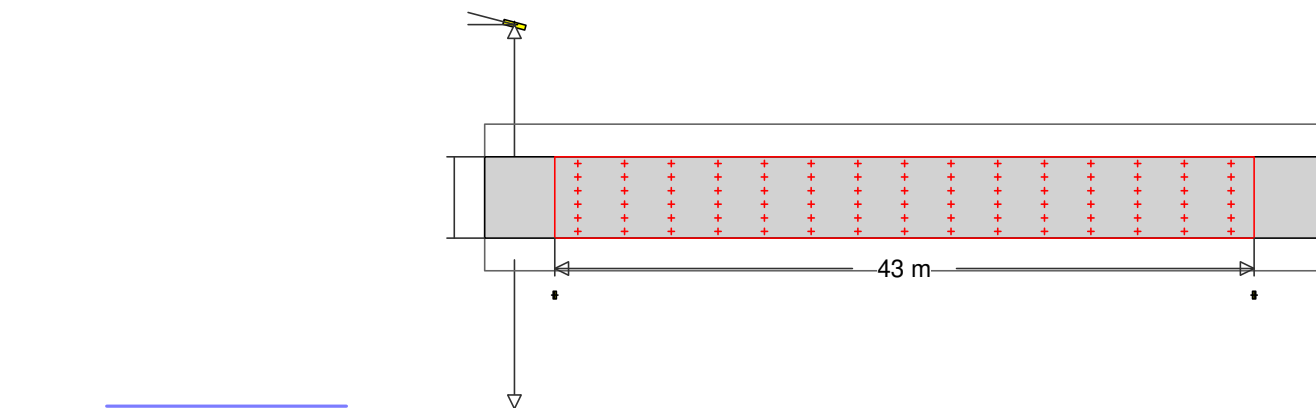
Object : Cahul
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 Date : 14.03.2024



11 11. Visinilor

11.1 Summary, 11. Visinilor

11.1.1 Result overview, 11. Visinilor



LUG LIGHT FACTORY

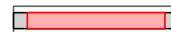
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 43.00 m	Height (phot centre)	: 8.00 m
Overhang	: -3.50 m	Tilt	: 15.00 °
Abs. position	: -3.50 m	Glare index class	: D3
Load/km	: 698 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 43m x 5m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.38 cd/m ²	0.51	0.71	8	0.50
1:(y=1.25)	0.36 cd/m ²	0.52	0.52	14	1.01
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 43m x 5m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.87 lx	2.57 lx	0.37	0.14

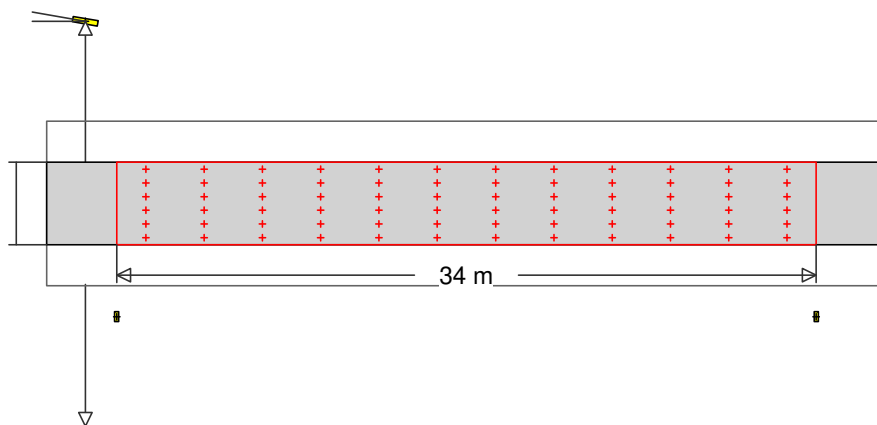
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



12 12. Visinilor Aux.

12.1 Summary, 12. Visinilor Aux.

12.1.1 Result overview, 12. Visinilor Aux.



LUG LIGHT FACTORY

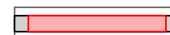
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 34.00 m	Height (phot.center)	: 7.50 m
Overhang	: -3.50 m	Tilt	: 10.00 °
Abs. position	: -3.50 m	Glare index class	: D3
Load/km	: 882 W/km	Lum. intensity class	: G*2
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 34m x 4m (12 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.49 cd/m ²	0.51	0.83	6	0.44
1:(y=1.00)	0.47 cd/m ²	0.53	0.69	12	1.14
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 34m x 4m (12 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
9.02 lx	3.86 lx	0.43	0.19

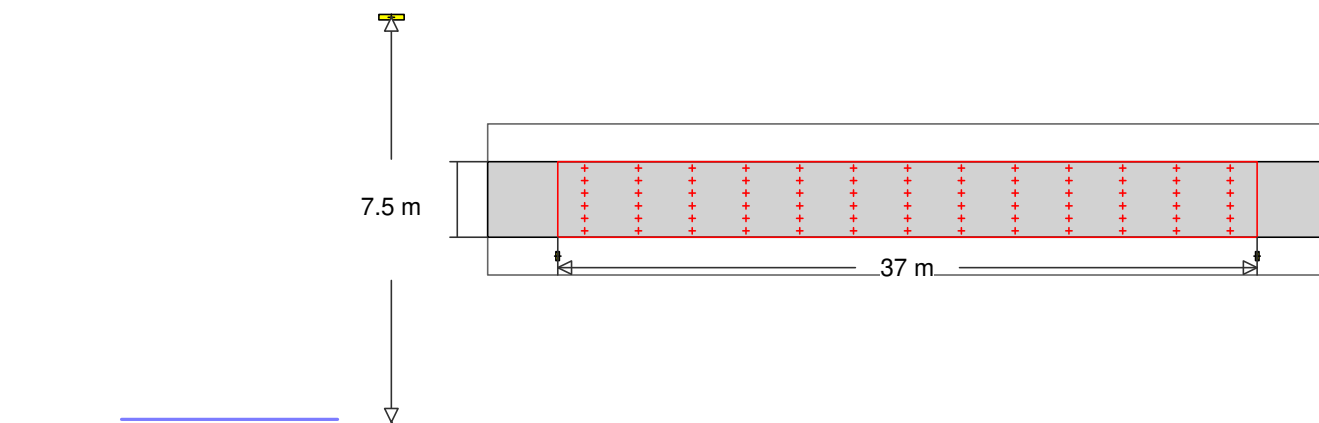
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



13 13. Ziuia Europei

13.1 Summary, 13. Ziuia Europei

13.1.1 Result overview, 13. Ziuia Europei



LUG LIGHT FACTORY

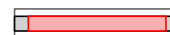
2
 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 37.00 m	Height (phot.center)	: 7.50 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 811 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 37m x 4m (13 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.50 cd/m ²	0.55	0.63	9	0.76
1:(y=1.00)	0.46 cd/m ²	0.54	0.58	10	0.93
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 37m x 4m (13 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.58 lx	2.30 lx	0.30	0.13

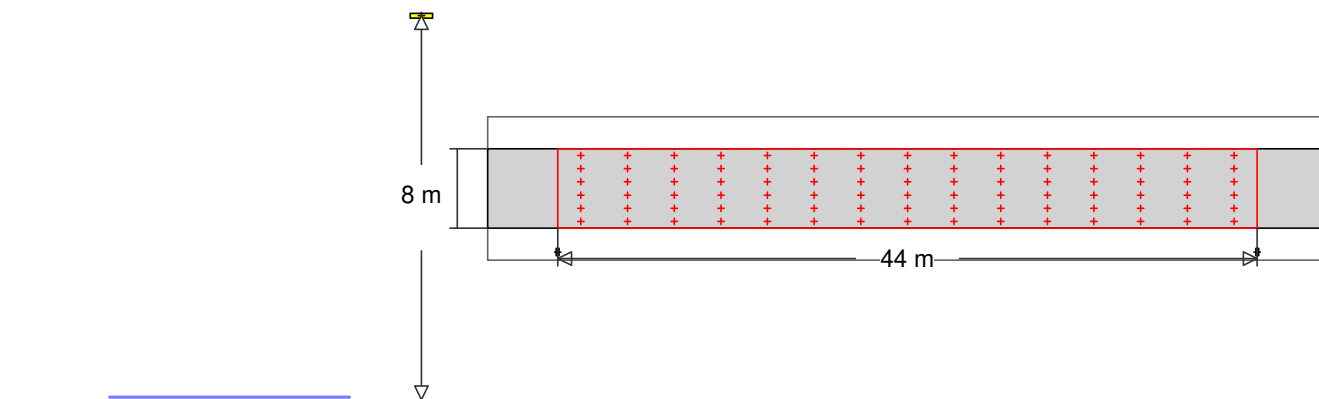
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



14. Constatin Stamati

14.1 Summary, 14. Constatin Stamati

14.1.1 Result overview, 14. Constatin Stamati



LUG LIGHT FACTORY

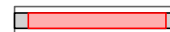
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 44.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 682 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 44m x 5m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.36 cd/m ²	0.48	0.57	8	0.66
1:(y=1.25)	0.33 cd/m ²	0.47	0.46	12	0.97
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 44m x 5m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
5.63 lx	1.54 lx	0.27	0.10

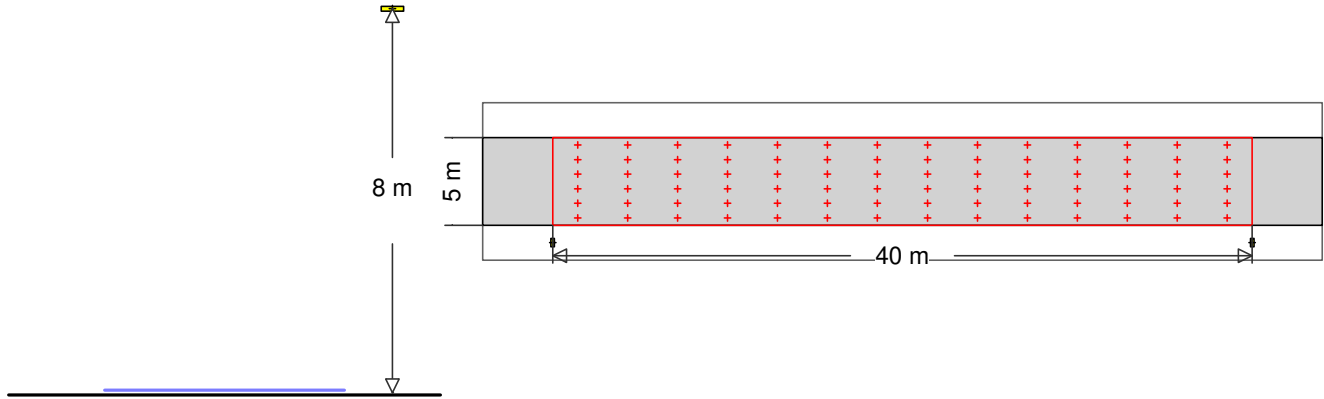
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



15 15. Dumbrava Rosie

15.1 Summary, 15. Dumbrava Rosie

15.1.1 Result overview, 15. Dumbrava Rosie



LUG LIGHT FACTORY

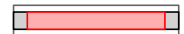
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 750 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 40m x 5m (14 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.42 cd/m ²	0.51	0.64	8	0.69
1:(y=1.25)	0.39 cd/m ²	0.51	0.56	10	0.92
M6	≥ 0.30 cd/m ²	≥ 0.35	≥ 0.40	≤ 20	≥ 0.30

Illuminance

Calculation field: 40m x 5m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.41 lx	1.99 lx	0.31	0.13

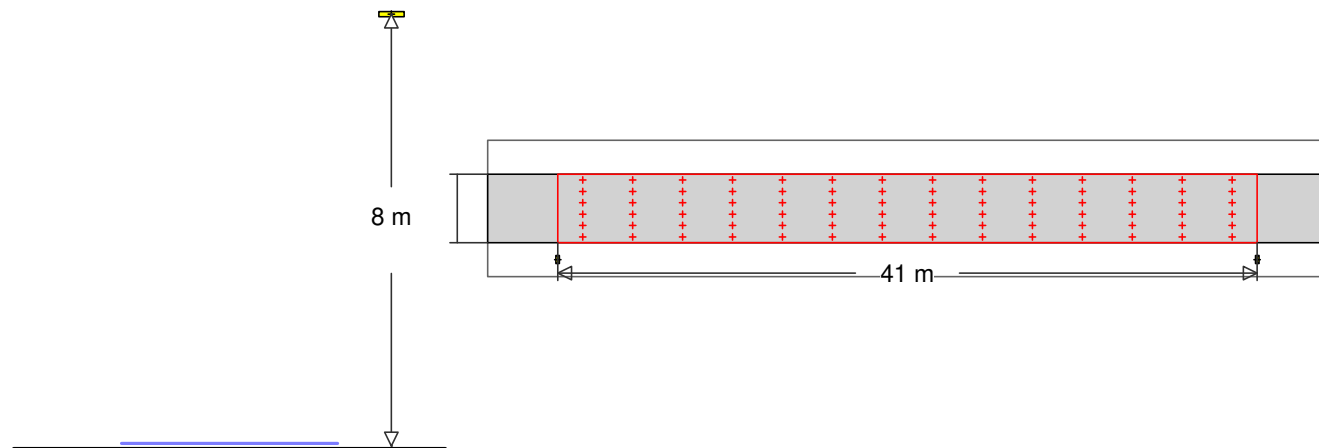
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



16 16. Gheorghe Asachi

16.1 Summary, 16. Gheorghe Asachi

16.1.1 Result overview, 16. Gheorghe Asachi



LUG LIGHT FACTORY

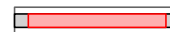
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 41.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 732 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 41m x 4m (14 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.43 cd/m ²	0.55	0.58	9	0.79
1:(y=1.00)	0.40 cd/m ²	0.54	0.53	10	0.93
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 41m x 4m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.48 lx	1.84 lx	0.28	0.12

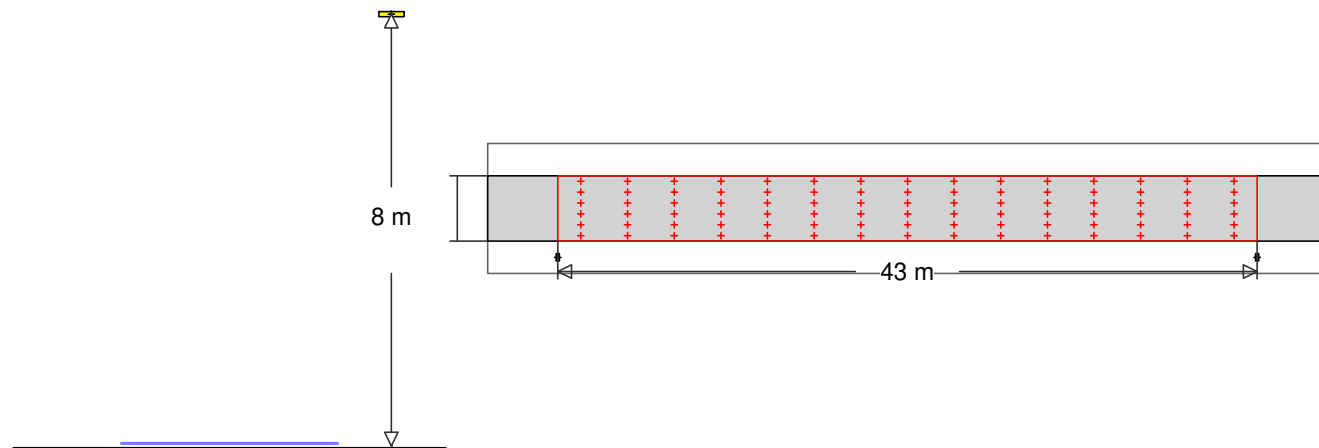
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



17 17. Hristo Botev

17.1 Summary, 17. Hristo Botev

17.1.1 Result overview, 17. Hristo Botev



LUG LIGHT FACTORY

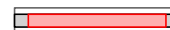
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 43.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 698 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 43m x 4m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.41 cd/m ²	0.53	0.53	9	0.79
1:(y=1.00)	0.38 cd/m ²	0.52	0.47	10	0.93
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 43m x 4m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.18 lx	1.55 lx	0.25	0.10

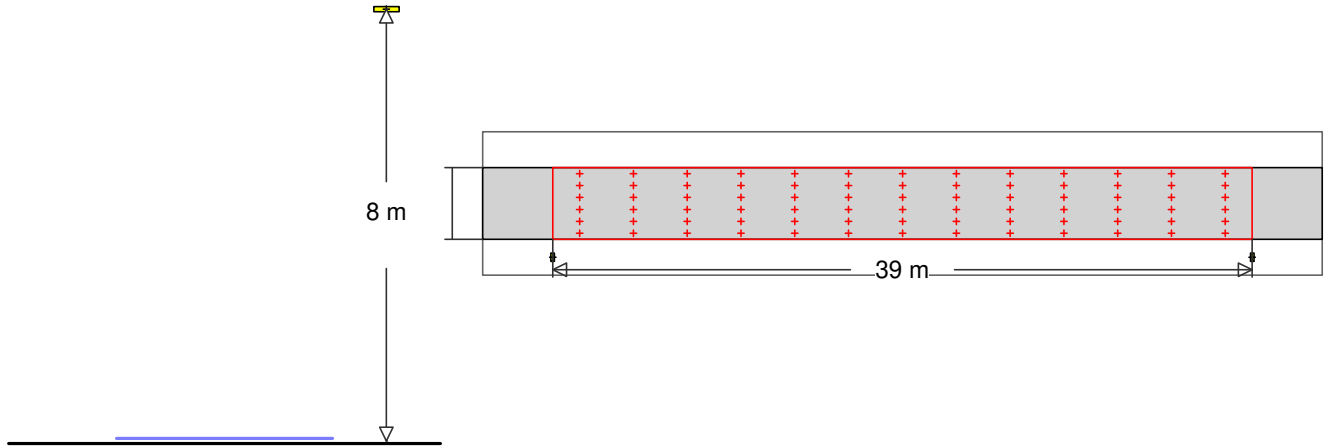
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



18 18. Ion Soltis

18.1 Summary, 18. Ion Soltis

18.1.1 Result overview, 18. Ion Soltis



LUG LIGHT FACTORY

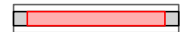
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 39.00 m	Height (phot centre)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 769 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 39m x 4m (13 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.45 cd/m ²	0.57	0.64	8	0.79
1:(y=1.00)	0.42 cd/m ²	0.56	0.59	10	0.93
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 39m x 4m (13 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.82 lx	2.07 lx	0.30	0.13

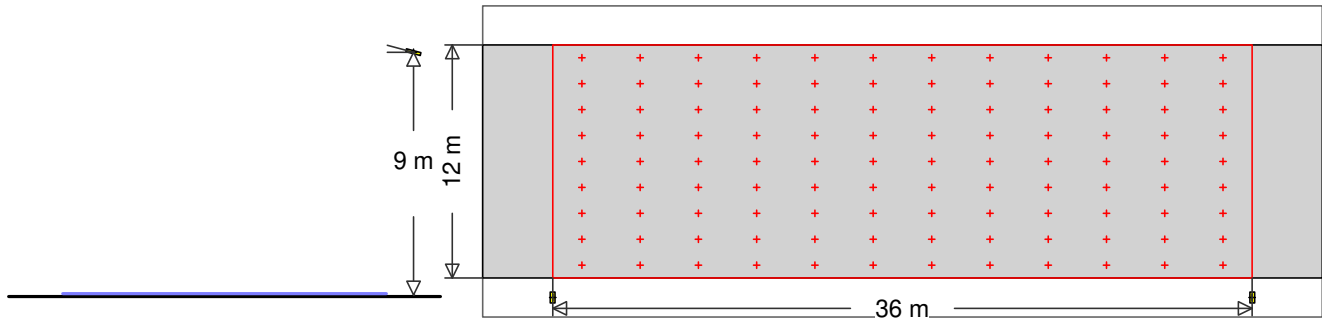
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



19 19. Ivan Spirin (sector 1)

19.1 Summary, 19. Ivan Spirin (sector 1)

19.1.1 Result overview, 19. Ivan Spirin (sector 1)



LUG Light Factory
 3 Order No. : 130222.7L782.681.002
 Luminaire name : URBINO LED ED D4i 9300lm/740 O92 gray II kl. mod. 002
 Equipment : 1 x LED 59.5 W / 9300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 36.00 m	Height (phot centre)	: 9.00 m
Overhang	: -1.00 m	Tilt	: 15.00 °
Abs. position	: -1.00 m	Glare index class	: D0
Load/km	: 1653 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 12.00 m Lanes : 3
 Surface : R3, q0=0.07



Luminance

Calculation field: 36m x 12m (12 x 9 pts)

Observer

3 : x=-60.00m, y=10.00m, z=1.50m
 2 : x=-60.00m, y=6.00m, z=1.50m
 1 : x=-60.00m, y=2.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
3:(y=10.00)	0.71 cd/m ²	0.46	0.86	6	0.63
2:(y=6.00)	0.65 cd/m ²	0.49	0.72	10	
1:(y=2.00)	0.59 cd/m ²	0.52	0.74	12	0.46
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 36m x 12m (12 x 9 pts)

\bar{E}_m	E_{min}	U_o	U_d
10.7 lx	4.71 lx	0.44	0.21

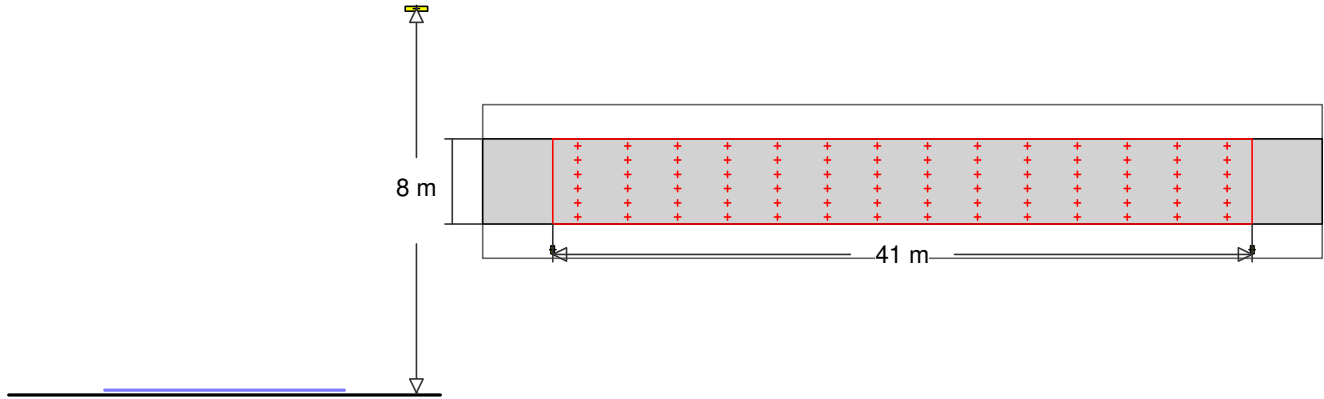
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



20 21. Izvoarelor

20.1 Summary, 21. Izvoarelor

20.1.1 Result overview, 21. Izvoarelor



LUG LIGHT FACTORY

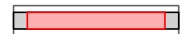
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 41.00 m	Height (phot centre)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 732 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 41m x 5m (14 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.38 cd/m ²	0.50	0.64	8	0.66
1:(y=1.25)	0.35 cd/m ²	0.50	0.54	11	0.97
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 41m x 5m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.04 lx	1.95 lx	0.32	0.13

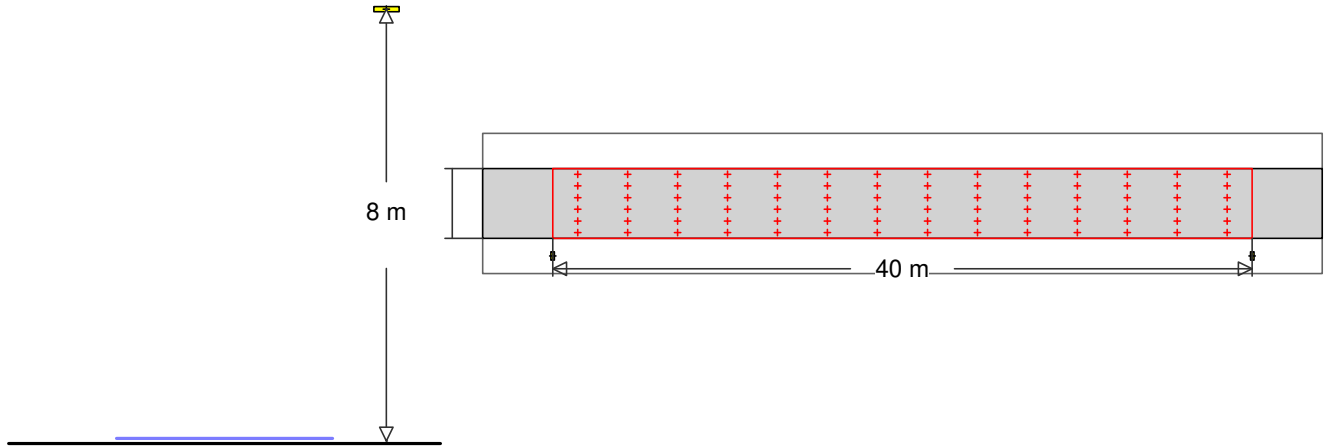
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



21 22. Mihai Crasnov

21.1 Summary, 22. Mihai Crasnov

21.1.1 Result overview, 22. Mihai Crasnov



LUG LIGHT FACTORY

2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 750 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 40m x 4m (14 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.44 cd/m ²	0.56	0.61	8	0.79
1:(y=1.00)	0.41 cd/m ²	0.55	0.56	10	0.93
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 40m x 4m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.65 lx	1.97 lx	0.30	0.13

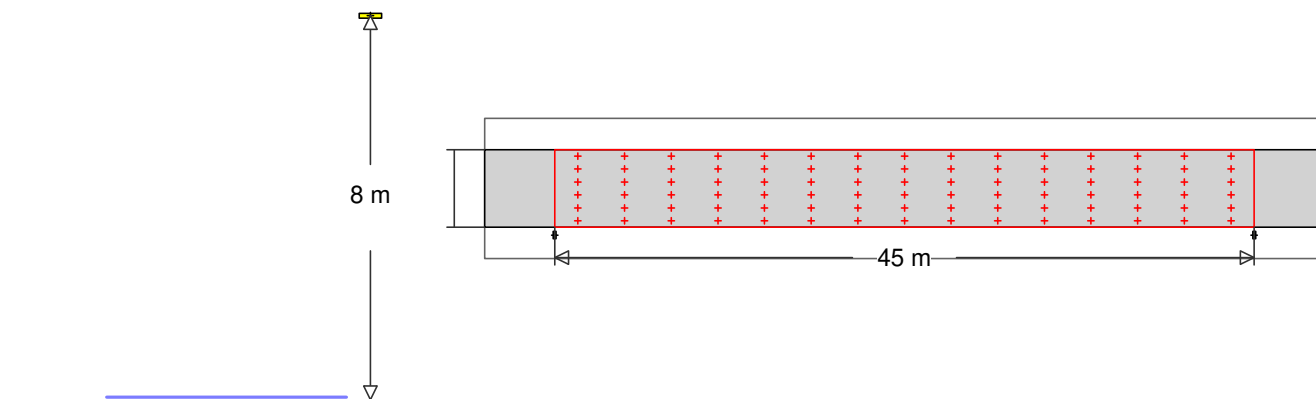
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



22 23. Mihai Kotiubinski

22.1 Summary, 23. Mihai Kotiubinski

22.1.1 Result overview, 23. Mihai Kotiubinski



LUG LIGHT FACTORY

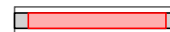
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot. centre)	: 8.00 m
Overhang	: -0.50 m	Tilt	: 0.00 °
Abs. position	: -0.50 m	Glare index class	: D6
Load/km	: 667 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 45m x 5m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.39 cd/m ²	0.48	0.49	9	0.72
1:(y=1.25)	0.36 cd/m ²	0.47	0.41	11	0.87
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 45m x 5m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
5.84 lx	1.28 lx	0.22	0.08

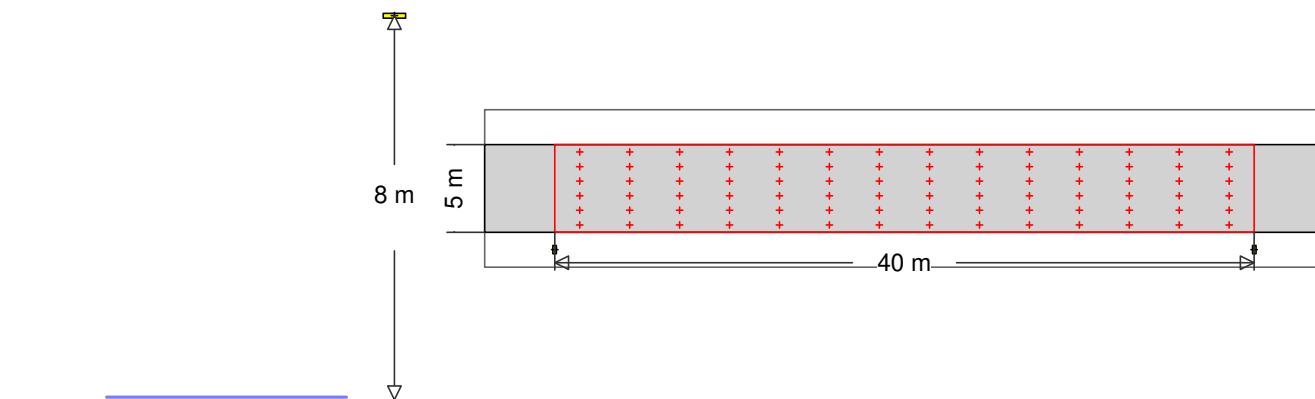
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



23 24. Profesor Ostascu

23.1 Summary, 24. Profesor Ostascu

23.1.1 Result overview, 24. Profesor Ostascu



LUG LIGHT FACTORY

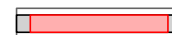
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 750 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 40m x 5m (14 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.42 cd/m ²	0.51	0.64	8	0.69
1:(y=1.25)	0.39 cd/m ²	0.51	0.56	10	0.92
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 40m x 5m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.41 lx	1.99 lx	0.31	0.13

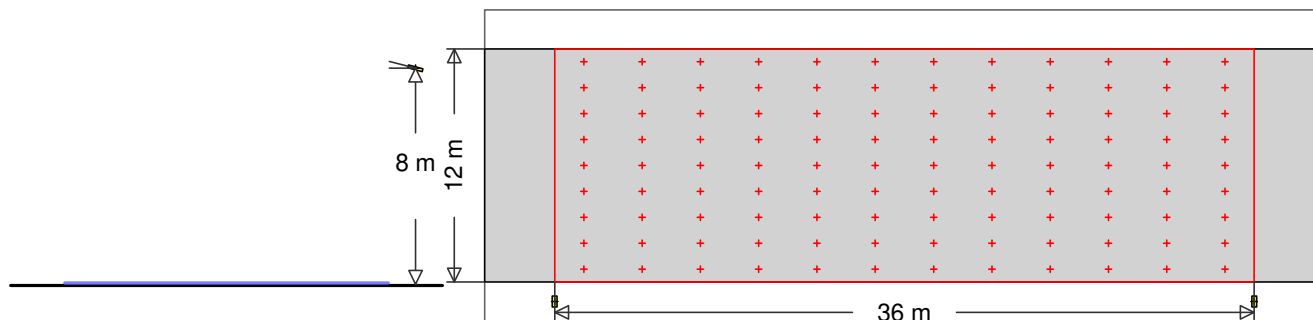
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



24 25. Viilor

24.1 Summary, 25. Viilor

24.1.1 Result overview, 25. Viilor



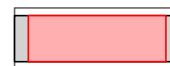
LUG Light Factory
 3 Order No. : 130222.7L782.681.002
 Luminaire name : URBINO LED ED D4i 9300lm/740 O92 gray II kl. mod. 002
 Equipment : 1 x LED 59.5 W / 9300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 36.00 m	Height (phot centre)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 15.00 °
Abs. position	: -1.00 m	Glare index class	: D0
Load/km	: 1653 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 12.00 m Lanes : 3
 Surface : R3, q0=0.07



Luminance

Calculation field: 36m x 12m (12 x 9 pts)

Observer

3 : x=-60.00m, y=10.00m, z=1.50m
 2 : x=-60.00m, y=6.00m, z=1.50m
 1 : x=-60.00m, y=2.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
3:(y=10.00)	0.76 cd/m ²	0.41	0.78	5	0.57
2:(y=6.00)	0.70 cd/m ²	0.43	0.70	11	
1:(y=2.00)	0.63 cd/m ²	0.44	0.68	15	0.45
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 36m x 12m (12 x 9 pts)

\bar{E}_m	E_{min}	U_o	U_d
11.5 lx	4.70 lx	0.41	0.17

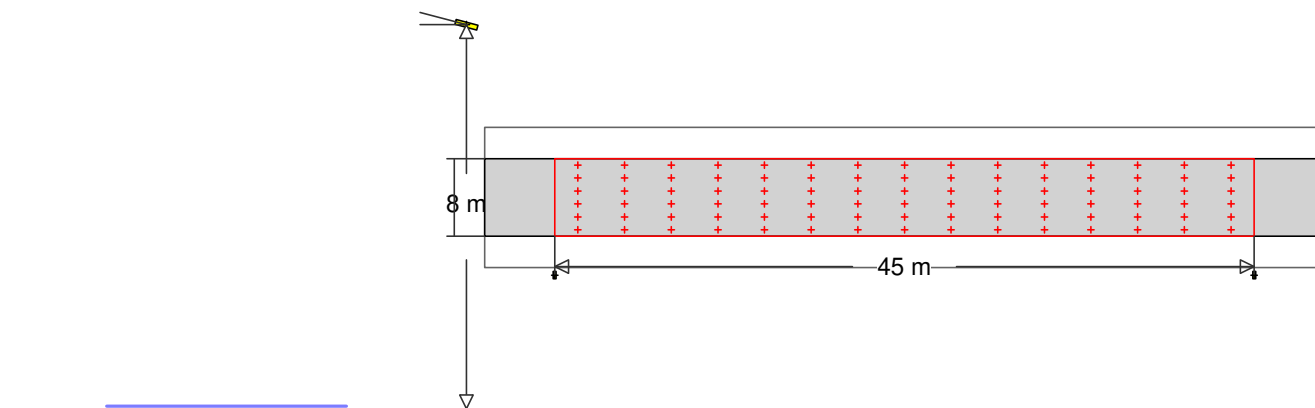
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



25 26. Alexandru Donici

25.1 Summary, 26. Alexandru Donici

25.1.1 Result overview, 26. Alexandru Donici



LUG LIGHT FACTORY

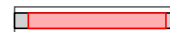
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot centre)	: 8.00 m
Overhang	: -2.50 m	Tilt	: 15.00 °
Abs. position	: -2.50 m	Glare index class	: D3
Load/km	: 667 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 45m x 5m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.43 cd/m ²	0.49	0.58	9	0.58
1:(y=1.25)	0.40 cd/m ²	0.49	0.44	14	0.80
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 45m x 5m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.31 lx	2.41 lx	0.33	0.13

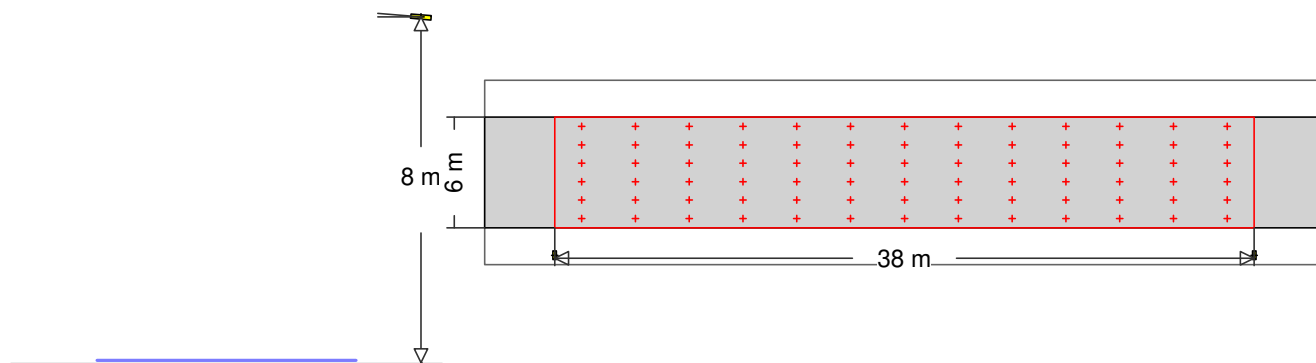
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



26 27. Boris Glavan

26.1 Summary, 27. Boris Glavan

26.1.1 Result overview, 27. Boris Glavan



LUG LIGHT FACTORY

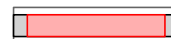
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 38.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 5.00 °
Abs. position	: -1.50 m	Glare index class	: D5
Load/km	: 789 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 38m x 6m (13 x 6 pts)

Observer

2 : x=-60.00m, y=4.50m, z=1.50m

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.50)	0.38 cd/m ²	0.50	0.72	7	0.63
1:(y=1.50)	0.35 cd/m ²	0.52	0.61	11	0.93
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 38m x 6m (13 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.12 lx	2.20 lx	0.36	0.15

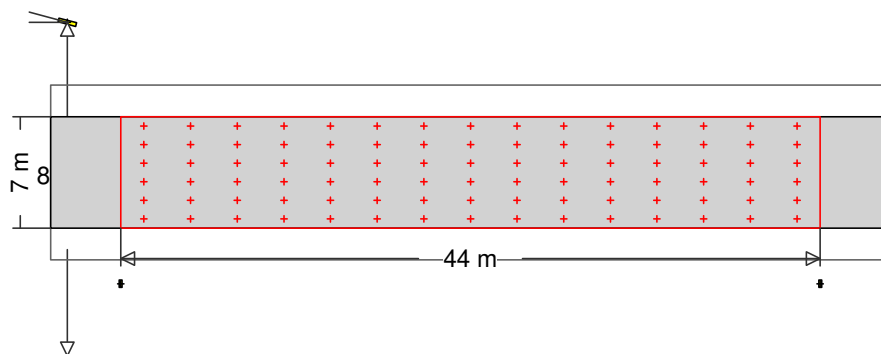
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



27 28. Chilei

27.1 Summary, 28. Chilei

27.1.1 Result overview, 28. Chilei



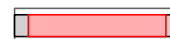
LUG LIGHT FACTORY
 4 Order No. : 130782.7L122.110.050
 Luminaire name : URBINO LED S ED D4i 5600lm/740 O11 gray II kl. mod. 050
 Equipment : 1 x LED 4000K 39 W / 5600 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 44.00 m	Height (phot.center)	: 8.50 m
Overhang	: -3.50 m	Tilt	: 15.00 °
Abs. position	: -3.50 m	Glare index class	: D2
Load/km	: 886 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 7.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 44m x 7m (15 x 6 pts)

Observer

2 : x=-60.00m, y=5.25m, z=1.50m

1 : x=-60.00m, y=1.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=5.25)	0.42 cd/m ²	0.43	0.79	6	0.33
1:(y=1.75)	0.38 cd/m ²	0.45	0.58	14	0.93
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 44m x 7m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.35 lx	2.50 lx	0.34	0.12

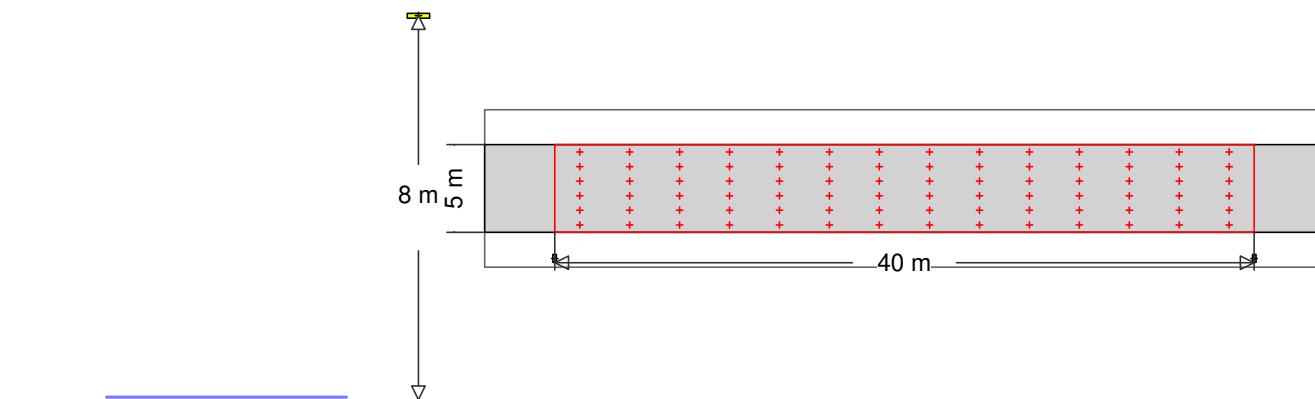
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



28 29. Chilieł aux.

28.1 Summary, 29. Chilieł aux.

28.1.1 Result overview, 29. Chilieł aux.



LUG LIGHT FACTORY

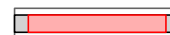
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot. centre)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 750 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 40m x 5m (14 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.39 cd/m ²	0.51	0.66	8	0.67
1:(y=1.25)	0.36 cd/m ²	0.51	0.57	11	0.97
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 40m x 5m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.20 lx	2.09 lx	0.34	0.14

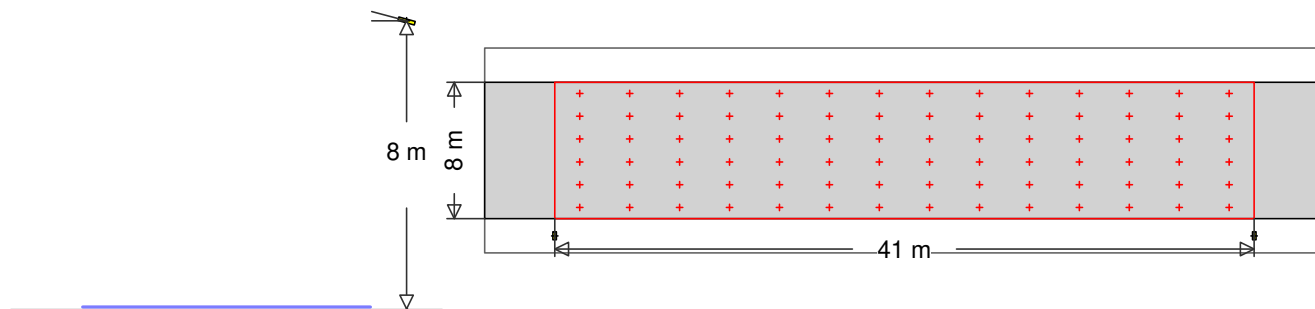
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



29 30. Constantin Negruzzi

29.1 Summary, 30. Constantin Negruzzi

29.1.1 Result overview, 30. Constantin Negruzzi



LUG LIGHT FACTORY

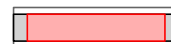
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 41.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 15.00 °
Abs. position	: -1.00 m	Glare index class	: D3
Load/km	: 732 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 8.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 41m x 8m (14 x 6 pts)

Observer

2 : x=-60.00m, y=6.00m, z=1.50m

1 : x=-60.00m, y=2.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=6.00)	0.49 cd/m ²	0.40	0.74	7	0.31
1:(y=2.00)	0.44 cd/m ²	0.42	0.49	14	0.33
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 41m x 8m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.45 lx	2.76 lx	0.37	0.15

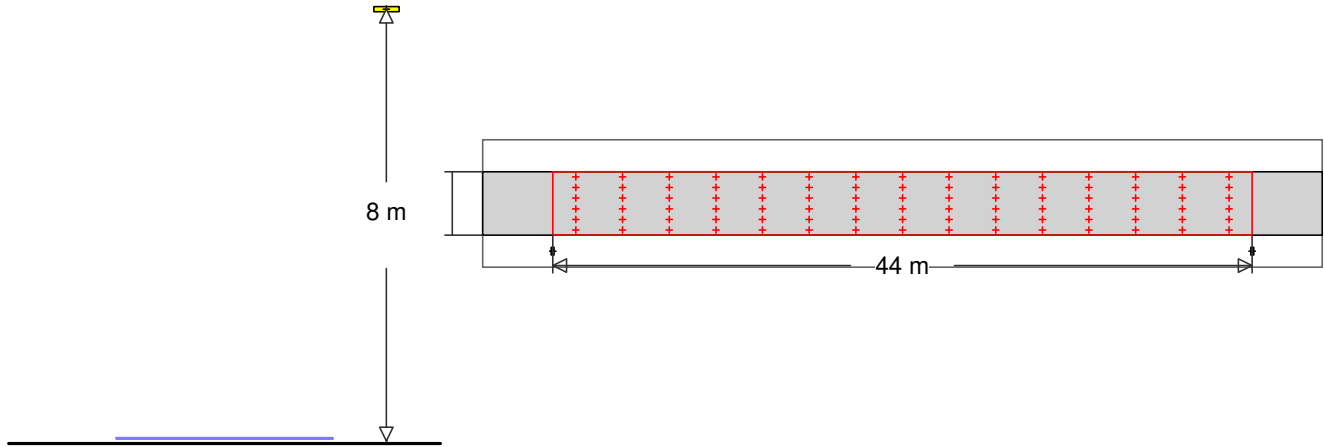
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



30 31. Dumitru Milev

30.1 Summary, 31. Dumitru Milev

30.1.1 Result overview, 31. Dumitru Milev



LUG LIGHT FACTORY

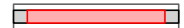
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 44.00 m	Height (phot centre)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 682 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 44m x 4m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.40 cd/m ²	0.51	0.50	9	0.79
1:(y=1.00)	0.38 cd/m ²	0.50	0.44	10	0.93
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 44m x 4m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.04 lx	1.45 lx	0.24	0.09

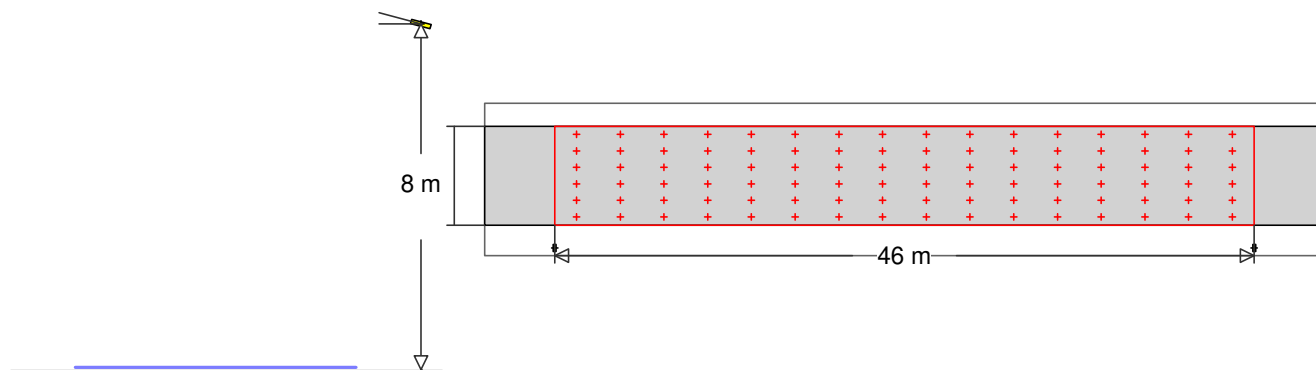
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



31 32. Ion Neculce

31.1 Summary, 32. Ion Neculce

31.1.1 Result overview, 32. Ion Neculce



LUG LIGHT FACTORY

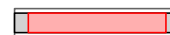
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 46.00 m	Height (phot. centre)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 15.00 °
Abs. position	: -1.50 m	Glare index class	: D3
Load/km	: 652 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.50 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 46m x 6.5m (16 x 6 pts)

Observer

2 : x=-60.00m, y=4.88m, z=1.50m

1 : x=-60.00m, y=1.63m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.88)	0.45 cd/m ²	0.42	0.56	8	0.45
1:(y=1.63)	0.41 cd/m ²	0.43	0.40	15	0.48
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 46m x 6.5m (16 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.06 lx	2.23 lx	0.32	0.12

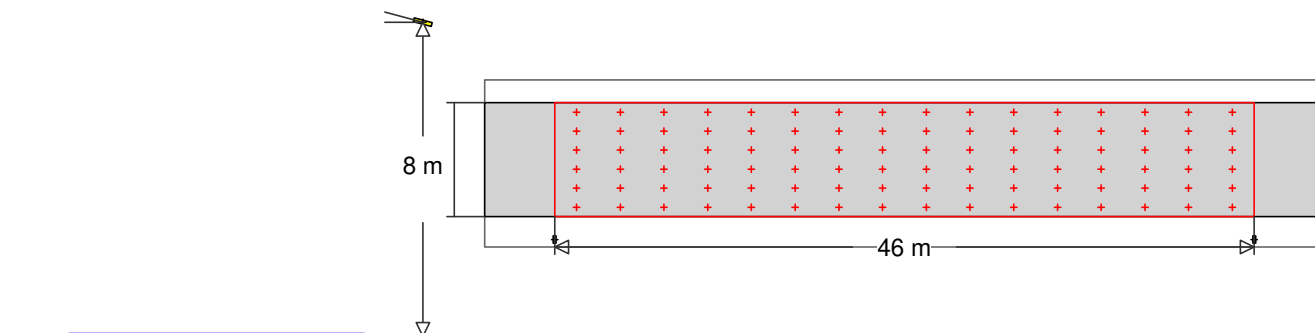
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



32 33. Matei Basarab (sector 1)

32.1 Summary, 33. Matei Basarab (sector 1)

32.1.1 Result overview, 33. Matei Basarab (sector 1)



LUG LIGHT FACTORY

1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 46.00 m	Height (phot. centre)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 15.00 °
Abs. position	: -1.50 m	Glare index class	: D3
Load/km	: 652 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 7.50 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 46m x 7.5m (16 x 6 pts)

Observer

2 : x=-60.00m, y=5.63m, z=1.50m

1 : x=-60.00m, y=1.88m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=5.63)	0.43 cd/m ²	0.38	0.63	7	0.33
1:(y=1.88)	0.38 cd/m ²	0.39	0.41	15	0.44
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 46m x 7.5m (16 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.65 lx	2.06 lx	0.31	0.11

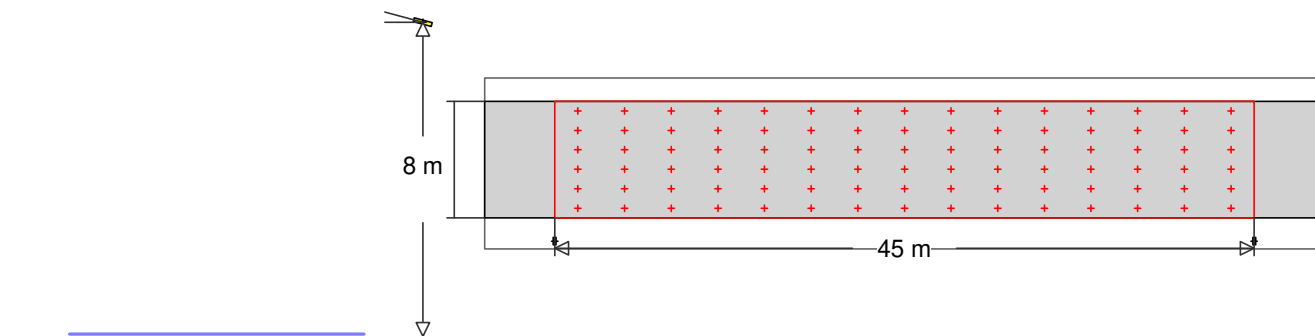
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



33 34. Matei Basarab, 31 august (sector 1)

33.1 Summary, 34. Matei Basarab, 31 august (sector 1)

33.1.1 Result overview, 34. Matei Basarab, 31 august (sector 1)



LUG LIGHT FACTORY

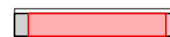
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 15.00 °
Abs. position	: -1.50 m	Glare index class	: D3
Load/km	: 667 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 7.50 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 45m x 7.5m (15 x 6 pts)

Observer

2 : x=-60.00m, y=5.63m, z=1.50m

1 : x=-60.00m, y=1.88m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=5.63)	0.44 cd/m ²	0.39	0.65	7	0.33
1:(y=1.88)	0.39 cd/m ²	0.41	0.43	14	0.44
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 45m x 7.5m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.80 lx	2.19 lx	0.32	0.12

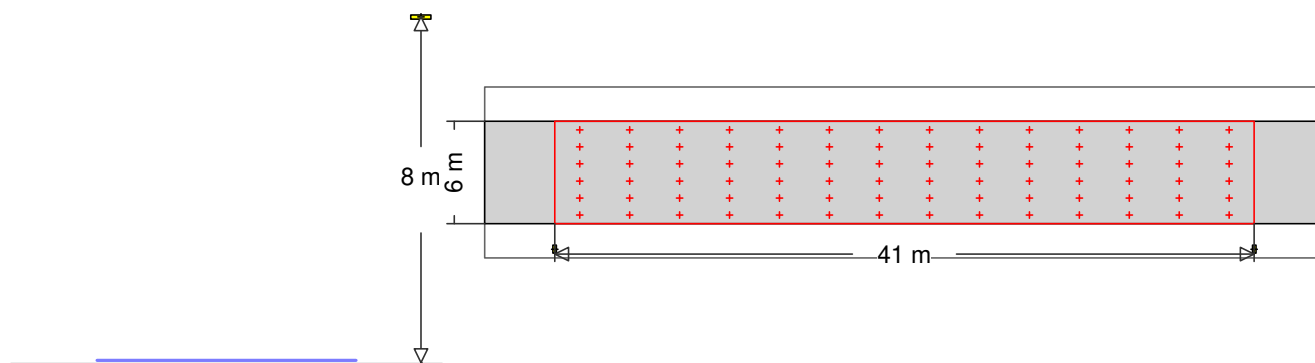
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



34 35. Nicolae Balcescu

34.1 Summary, 35. Nicolae Balcescu

34.1.1 Result overview, 35. Nicolae Balcescu



LUG LIGHT FACTORY

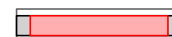
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 41.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 732 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 41m x 6m (14 x 6 pts)

Observer

2 : x=-60.00m, y=4.50m, z=1.50m

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.50)	0.36 cd/m ²	0.46	0.68	7	0.55
1:(y=1.50)	0.33 cd/m ²	0.47	0.55	12	0.96
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 41m x 6m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
5.72 lx	1.96 lx	0.34	0.13

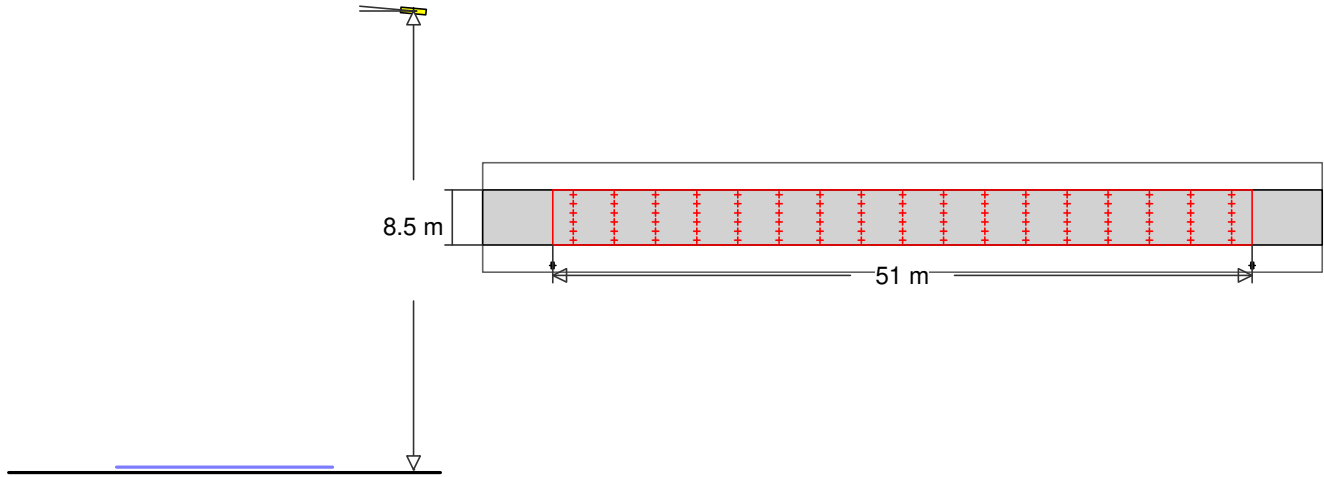
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



35 36. Strada Veche (Sector 1)

35.1 Summary, 36. Strada Veche (Sector 1)

35.1.1 Result overview, 36. Strada Veche (Sector 1)



LUG Light Factory

5 Order No. : 130782.7L122.140.017
 Luminaire name : URBINO LED S ED D4i 4000lm/740 O14 gray II kl. mod. 017
 Equipment : 1 x LED 26 W / 4000 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 51.00 m	Height (phot.center)	: 8.50 m
Overhang	: -1.50 m	Tilt	: 5.00 °
Abs. position	: -1.50 m	Glare index class	: D4
Load/km	: 510 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 51m x 4m (17 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.36 cd/m ²	0.50	0.52	12	0.81
1:(y=1.00)	0.34 cd/m ²	0.50	0.51	15	0.86
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 51m x 4m (17 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
4.94 lx	1.47 lx	0.30	0.12

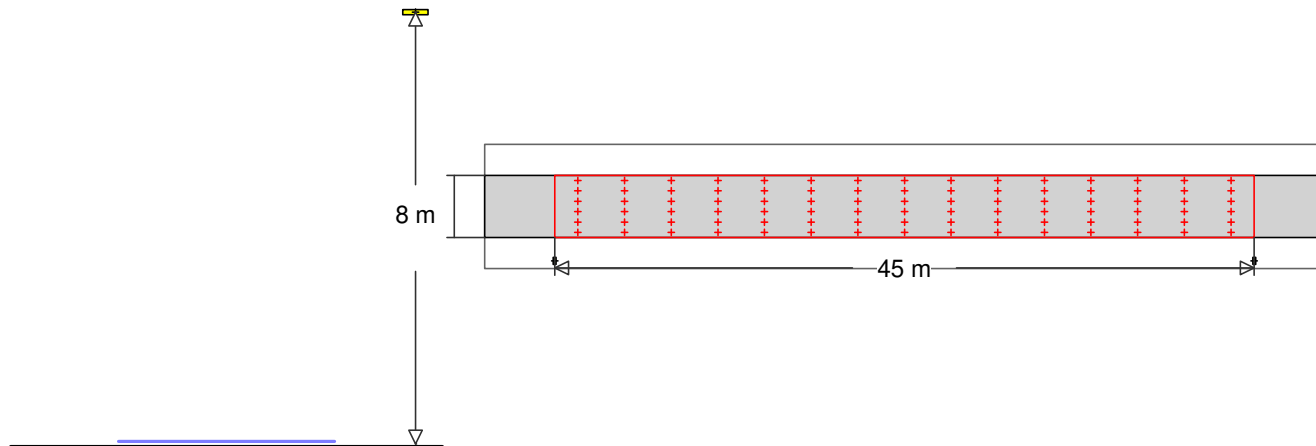
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



36 37. Strada Veche

36.1 Summary, 37. Strada Veche

36.1.1 Result overview, 37. Strada Veche



LUG LIGHT FACTORY

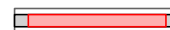
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 667 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 45m x 4m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.37 cd/m ²	0.50	0.50	9	0.77
1:(y=1.00)	0.34 cd/m ²	0.50	0.42	11	0.97
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 45m x 4m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
5.76 lx	1.42 lx	0.25	0.09

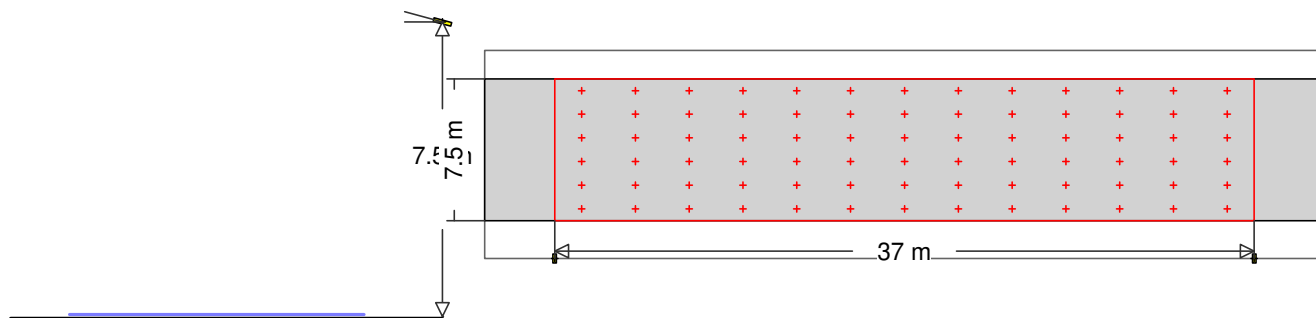
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



37 38. Targul Vechi

37.1 Summary, 38. Targul Vechi

37.1.1 Result overview, 38. Targul Vechi



LUG Light Factory

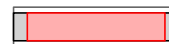
5
 Order No. : 130782.7L122.140.017
 Luminaire name : URBINO LED S ED D4i 4000lm/740 O14 gray II kl. mod. 017
 Equipment : 1 x LED 26 W / 4000 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 37.00 m	Height (phot.center)	: 7.50 m
Overhang	: -2.00 m	Tilt	: 15.00 °
Abs. position	: -2.00 m	Glare index class	: D2
Load/km	: 703 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 7.50 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 37m x 7.5m (13 x 6 pts)

Observer

2 : x=-60.00m, y=5.63m, z=1.50m

1 : x=-60.00m, y=1.88m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=5.63)	0.40 cd/m ²	0.47	0.81	8	0.51
1:(y=1.88)	0.34 cd/m ²	0.51	0.75	16	0.77
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 37m x 7.5m (13 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
5.81 lx	2.49 lx	0.43	0.18

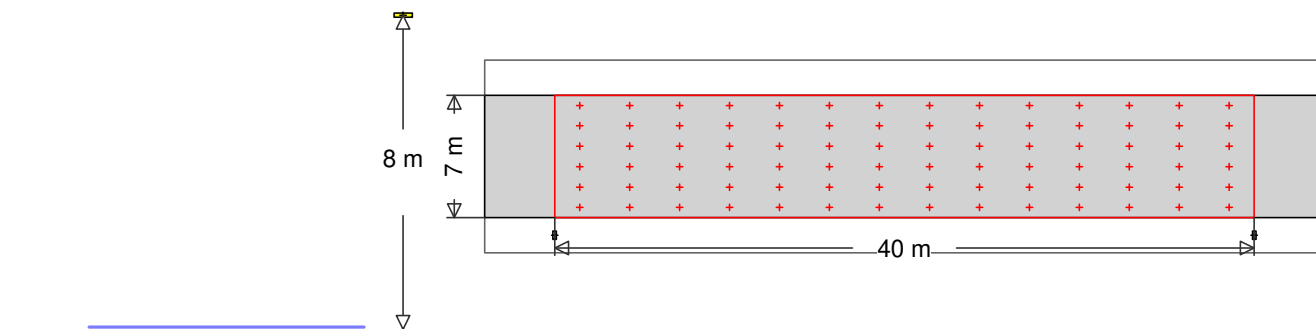
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



38 39. Ciprian Porumbescu

38.1 Summary, 39. Ciprian Porumbescu

38.1.1 Result overview, 39. Ciprian Porumbescu



LUG LIGHT FACTORY

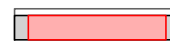
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 750 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 7.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 40m x 7m (14 x 6 pts)

Observer

2 : x=-60.00m, y=5.25m, z=1.50m

1 : x=-60.00m, y=1.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=5.25)	0.37 cd/m ²	0.44	0.71	7	0.48
1:(y=1.75)	0.34 cd/m ²	0.45	0.57	11	0.88
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 40m x 7m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
5.80 lx	2.02 lx	0.35	0.13

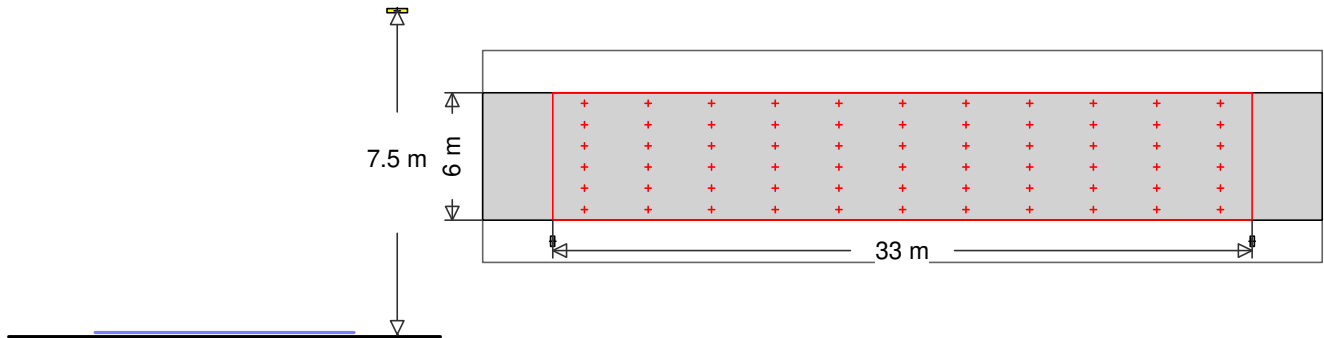
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



39 40. Ivan Naumov

39.1 Summary, 40. Ivan Naumov

39.1.1 Result overview, 40. Ivan Naumov



LUG LIGHT FACTORY

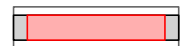
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 33.00 m	Height (phot. centre)	: 7.50 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 909 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 33m x 6m (11 x 6 pts)

Observer

2 : x=-60.00m, y=4.50m, z=1.50m

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.50)	0.49 cd/m ²	0.49	0.78	7	0.54
1:(y=1.50)	0.45 cd/m ²	0.50	0.68	11	0.90
M6	≥ 0.30 cd/m ²	≥ 0.35	≥ 0.40	≤ 20	≥ 0.30

Illuminance

Calculation field: 33m x 6m (11 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.71 lx	3.20 lx	0.42	0.18

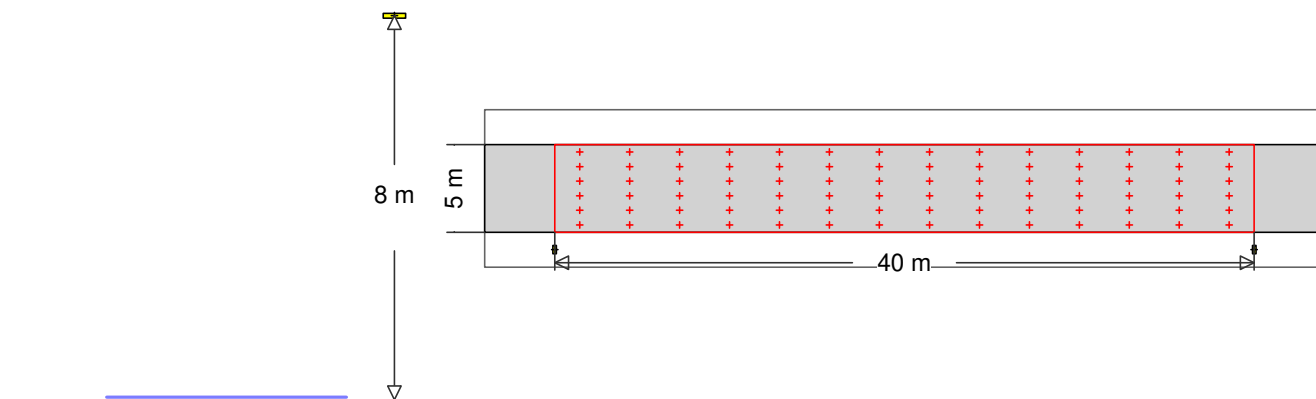
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



40 41. Mihai Frunze (sector 1)

40.1 Summary, 41. Mihai Frunze (sector 1)

40.1.1 Result overview, 41. Mihai Frunze (sector 1)



LUG LIGHT FACTORY

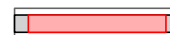
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 750 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 40m x 5m (14 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.42 cd/m ²	0.51	0.64	8	0.69
1:(y=1.25)	0.39 cd/m ²	0.51	0.56	10	0.92
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 40m x 5m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.41 lx	1.99 lx	0.31	0.13

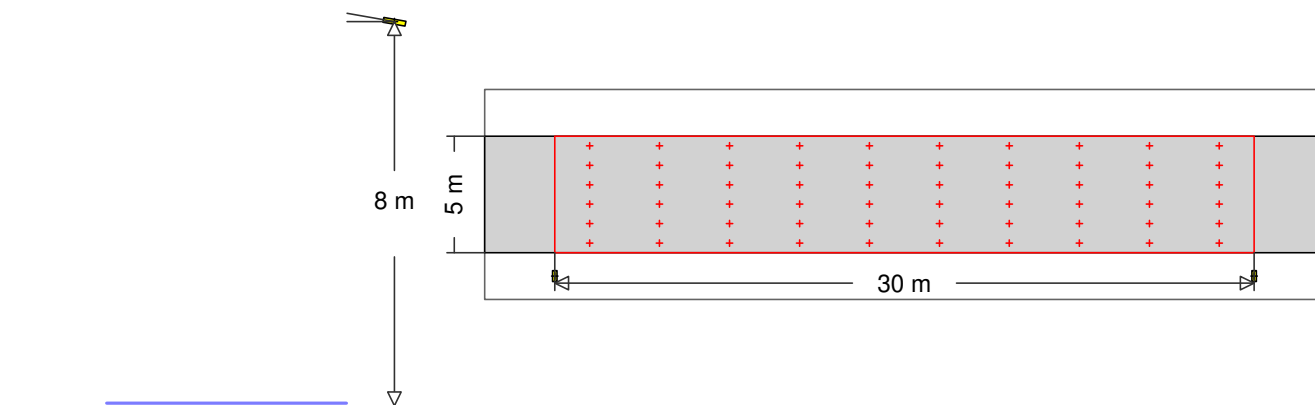
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



41 42. Mihai Frunze

41.1 Summary, 42. Mihai Frunze

41.1.1 Result overview, 42. Mihai Frunze



LUG LIGHT FACTORY

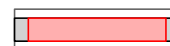
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 30.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 10.00 °
Abs. position	: -1.00 m	Glare index class	: D3
Load/km	: 1000 W/km	Lum. intensity class	: G*2
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 30m x 5m (10 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.83 cd/m ²	0.59	0.83	7	0.59
1:(y=1.25)	0.76 cd/m ²	0.60	0.77	10	0.57
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 30m x 5m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
12.3 lx	7.11 lx	0.58	0.34

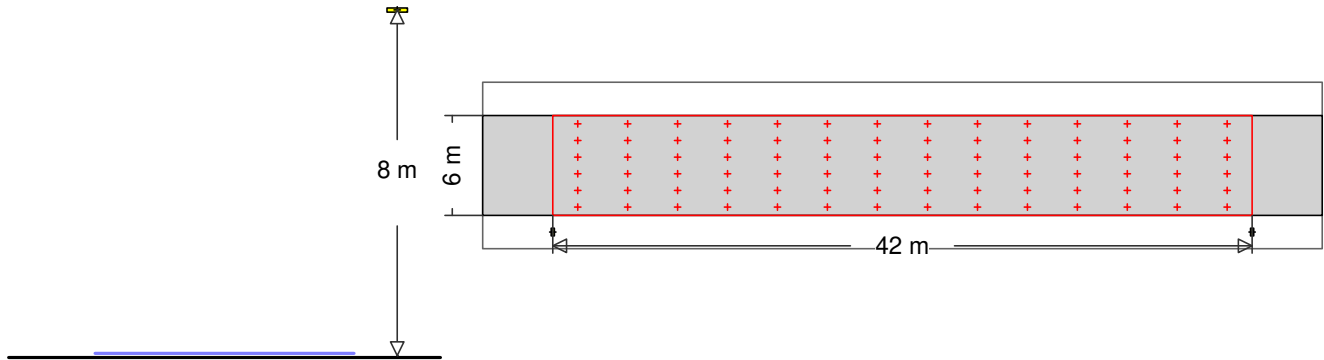
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



42 43. Mircea cel Batran

42.1 Summary, 43. Mircea cel Batran

42.1.1 Result overview, 43. Mircea cel Batran



LUG LIGHT FACTORY

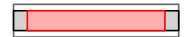
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 42.00 m	Height (phot centre)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 714 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 42m x 6m (14 x 6 pts)

Observer

2 : x=-60.00m, y=4.50m, z=1.50m

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.50)	0.37 cd/m ²	0.45	0.63	8	0.58
1:(y=1.50)	0.34 cd/m ²	0.45	0.50	11	0.90
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 42m x 6m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
5.82 lx	1.74 lx	0.30	0.11

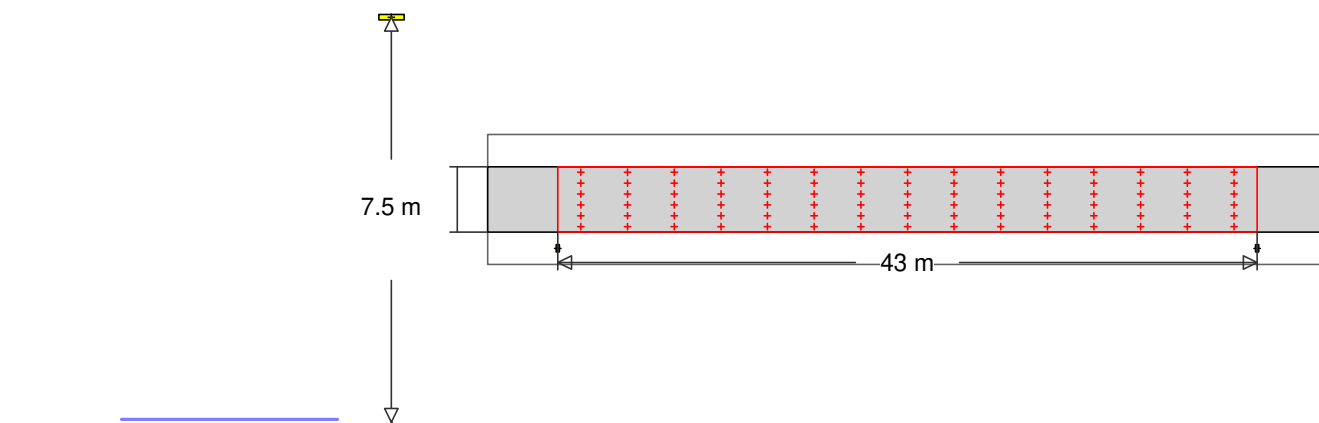
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



43 44. Baltilor

43.1 Summary, 44. Baltilor

43.1.1 Result overview, 44. Baltilor



LUG LIGHT FACTORY

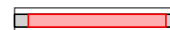
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 43.00 m	Height (phot.center)	: 7.50 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 698 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 43m x 4m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.43 cd/m ²	0.48	0.47	10	0.76
1:(y=1.00)	0.40 cd/m ²	0.48	0.40	12	0.93
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 43m x 4m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.52 lx	1.45 lx	0.22	0.08

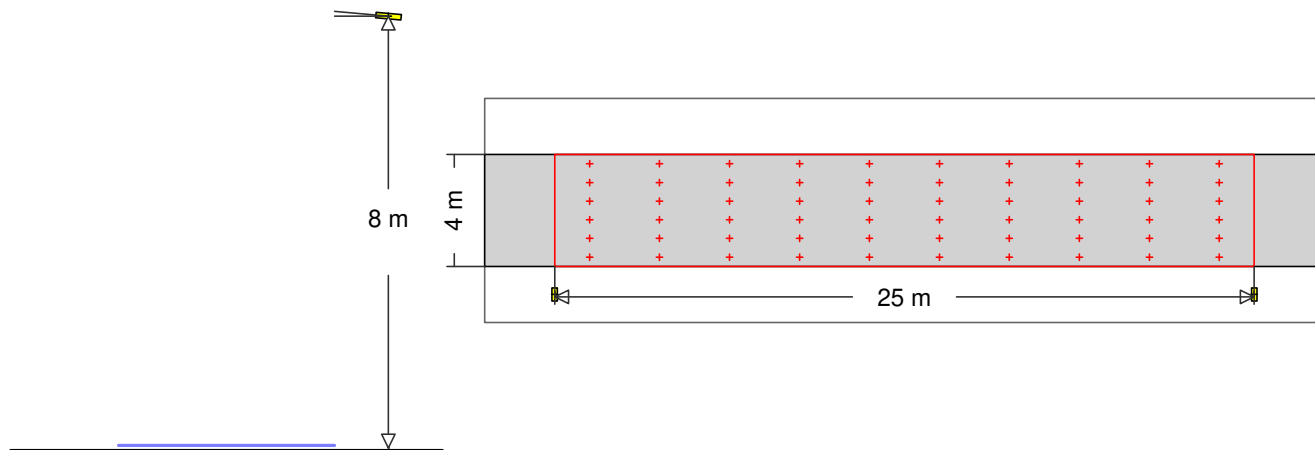
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



44 45. Ion Luca Caragiale (sector 1)

44.1 Summary, 45. Ion Luca Caragiale (sector 1)

44.1.1 Result overview, 45. Ion Luca Caragiale (sector 1)



LUG LIGHT FACTORY

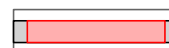
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 25.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 5.00 °
Abs. position	: -1.00 m	Glare index class	: D5
Load/km	: 1200 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 25m x 4m (10 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	R_{EI}
2:(y=3.00)	0.68 cd/m ²	0.71	0.88	6	0.82
1:(y=1.00)	0.63 cd/m ²	0.71	0.86	7	0.92
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 25m x 4m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
10.3 lx	6.07 lx	0.59	0.38

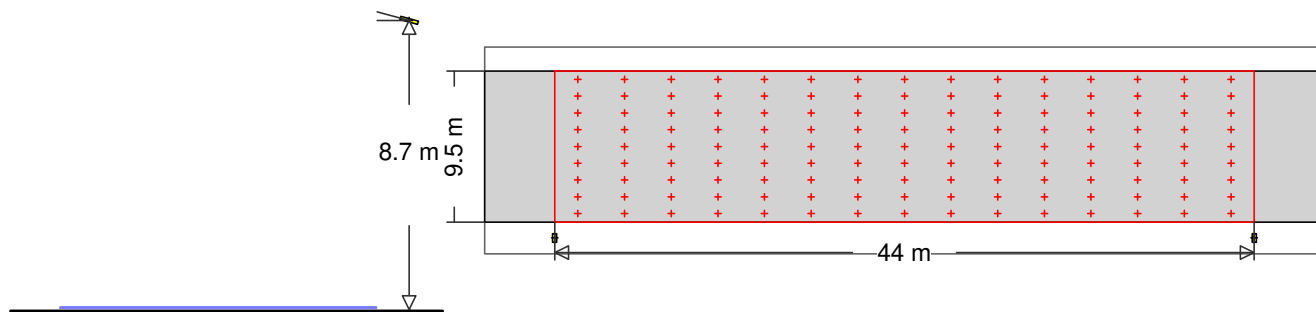
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



45 46. Ion Luca Caragiale

45.1 Summary, 46. Ion Luca Caragiale

45.1.1 Result overview, 46. Ion Luca Caragiale



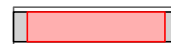
LUG Light Factory
 3 Order No. : 130222.7L782.681.002
 Luminaire name : URBINO LED ED D4i 9300lm/740 O92 gray II kl. mod. 002
 Equipment : 1 x LED 59.5 W / 9300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 44.00 m	Height (phot. centre)	: 8.70 m
Overhang	: -1.00 m	Tilt	: 15.00 °
Abs. position	: -1.00 m	Glare index class	: D0
Load/km	: 1352 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 9.50 m Lanes : 3
 Surface : R3, q0=0.07



Luminance

Calculation field: 44m x 9.5m (15 x 9 pts)

Observer

3 : x=-60.00m, y=7.92m, z=1.50m
 2 : x=-60.00m, y=4.75m, z=1.50m
 1 : x=-60.00m, y=1.58m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
3:(y=7.92)	0.63 cd/m ²	0.48	0.68	8	0.71
2:(y=4.75)	0.59 cd/m ²	0.49	0.57	11	
1:(y=1.58)	0.54 cd/m ²	0.51	0.57	13	0.49
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 44m x 9.5m (15 x 9 pts)

\bar{E}_m	E_{min}	U_o	U_d
9.54 lx	2.84 lx	0.30	0.13

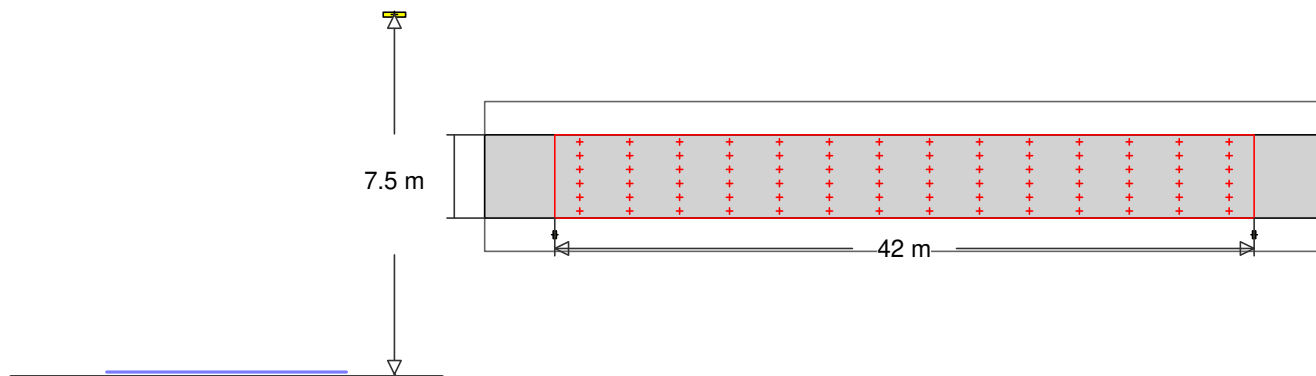
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



46 47. Ioan Voda cel Cumplit

46.1 Summary, 47. Ioan Voda cel Cumplit

46.1.1 Result overview, 47. Ioan Voda cel Cumplit



LUG LIGHT FACTORY

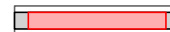
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 42.00 m	Height (phot.center)	: 7.50 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 714 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 42m x 5m (14 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.41 cd/m ²	0.46	0.55	9	0.65
1:(y=1.25)	0.38 cd/m ²	0.44	0.43	12	0.92
M6	≥ 0.30 cd/m ²	≥ 0.35	≥ 0.40	≤ 20	≥ 0.30

Illuminance

Calculation field: 42m x 5m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.38 lx	1.63 lx	0.25	0.09

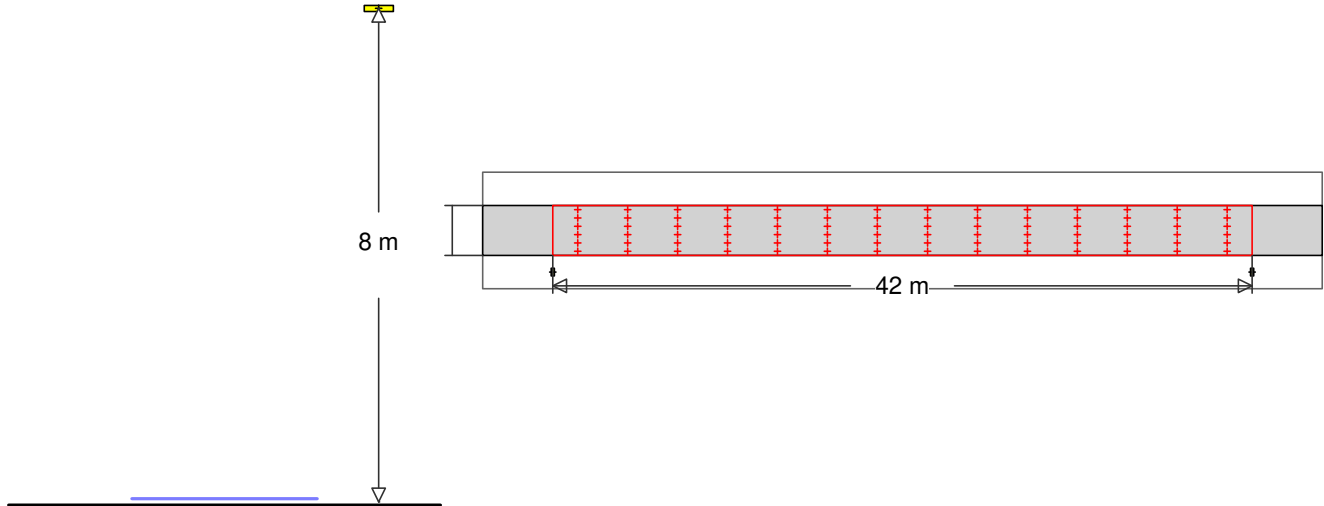
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



47 48. str-la Mioritei

47.1 Summary, 48. str-la Mioritei

47.1.1 Result overview, 48. str-la Mioritei



LUG LIGHT FACTORY

2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 42.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 714 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 3.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 42m x 3m (14 x 6 pts)

Observer

2 : x=-60.00m, y=2.25m, z=1.50m

1 : x=-60.00m, y=0.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	R_{EI}
2:(y=2.25)	0.44 cd/m ²	0.58	0.53	9	0.88
1:(y=0.75)	0.42 cd/m ²	0.55	0.49	9	0.95
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 42m x 3m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.51 lx	1.69 lx	0.26	0.11

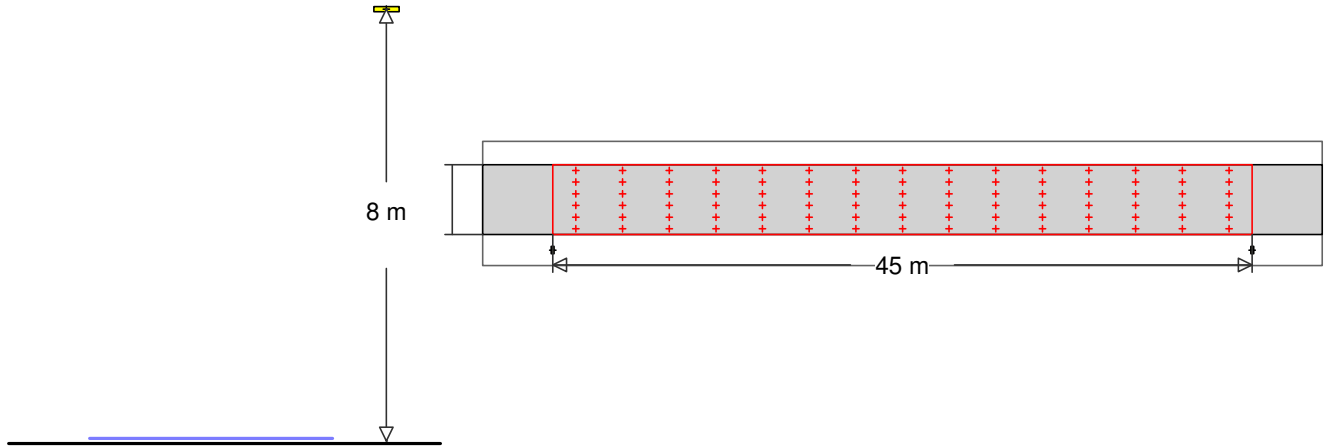
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



48 49. Lautarilor, Ion Creanga, Murafa

48.1 Summary, 49. Lautarilor, Ion Creanga, Murafa

48.1.1 Result overview, 49. Lautarilor, Ion Creanga, Murafa



LUG LIGHT FACTORY

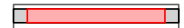
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot centre)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 667 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.50 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 45m x 4.5m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.38m, z=1.50m

1 : x=-60.00m, y=1.13m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.38)	0.38 cd/m ²	0.49	0.50	9	0.74
1:(y=1.13)	0.35 cd/m ²	0.48	0.42	11	0.92
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 45m x 4.5m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
5.81 lx	1.35 lx	0.23	0.09

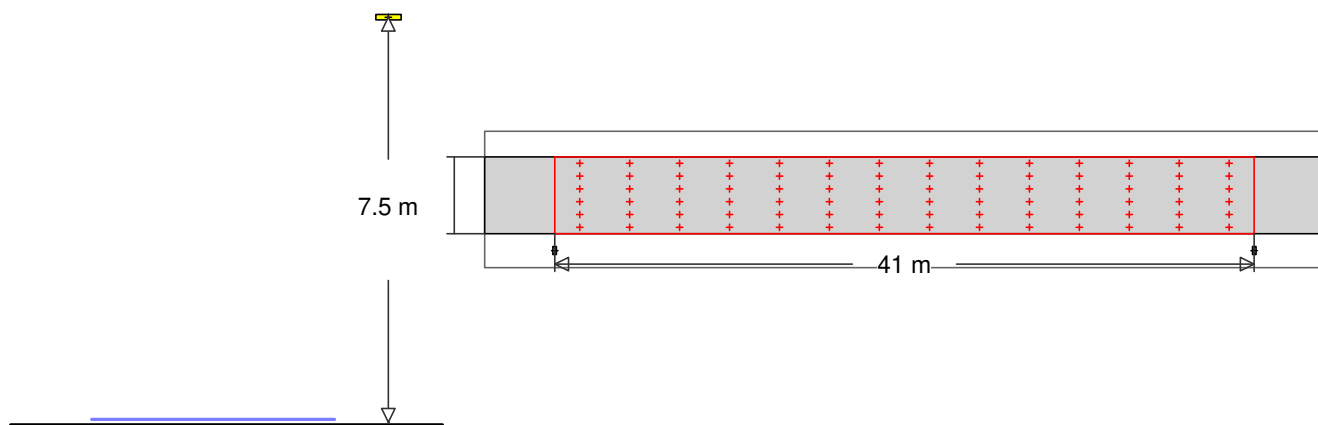
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



49 50. M. Eminescu (sector 1), str-la M. Eminescu

49.1 Summary, 50. M. Eminescu (sector 1), str-la M. Eminescu

49.1.1 Result overview, 50. M. Eminescu (sector 1), str-la M. Eminescu



LUG LIGHT FACTORY

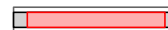
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 41.00 m	Height (phot.center)	: 7.50 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 732 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.50 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 41m x 4.5m (14 x 6 pts)

Observer

2 : x=-60.00m, y=3.38m, z=1.50m

1 : x=-60.00m, y=1.13m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.38)	0.43 cd/m ²	0.49	0.55	9	0.71
1:(y=1.13)	0.40 cd/m ²	0.47	0.45	12	0.93
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 41m x 4.5m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.69 lx	1.74 lx	0.26	0.10

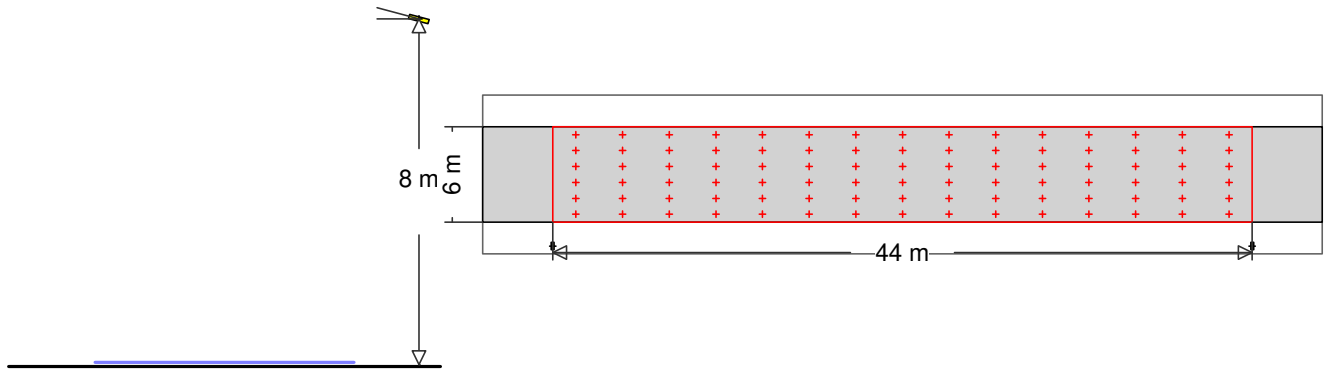
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



50 51. M. Eminescu

50.1 Summary, 51. M. Eminescu

50.1.1 Result overview, 51. M. Eminescu



LUG LIGHT FACTORY

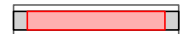
4 Order No. : 130782.7L122.110.050
 Luminaire name : URBINO LED S ED D4i 5600lm/740 O11 gray II kl. mod. 050
 Equipment : 1 x LED 4000K 39 W / 5600 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 44.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 15.00 °
Abs. position	: -1.50 m	Glare index class	: D2
Load/km	: 886 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 44m x 6m (15 x 6 pts)

Observer

2 : x=-60.00m, y=4.50m, z=1.50m

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.50)	0.62 cd/m ²	0.46	0.58	9	0.54
1:(y=1.50)	0.57 cd/m ²	0.47	0.44	14	0.51
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 44m x 6m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
9.70 lx	3.23 lx	0.33	0.14

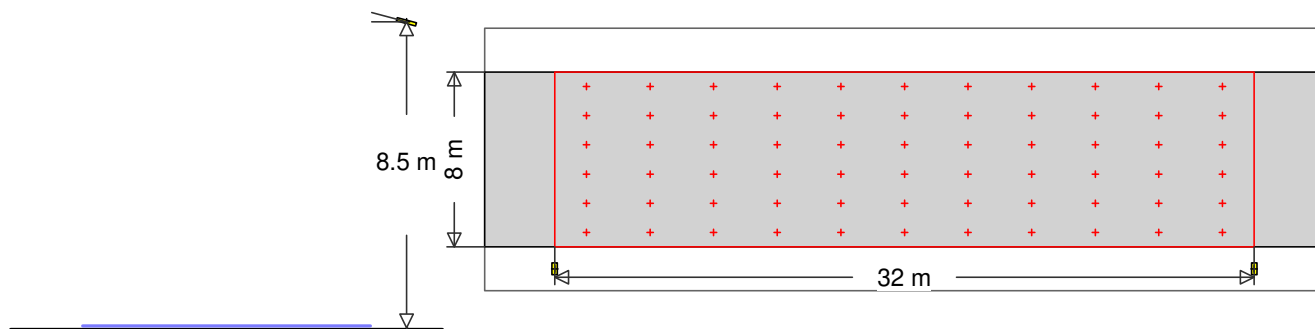
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



51 52. Prospectul Republicii

51.1 Summary, 52. Prospectul Republicii

51.1.1 Result overview, 52. Prospectul Republicii



LUG Light Factory
 3 Order No. : 130222.7L782.681.002
 Luminaire name : URBINO LED ED D4i 9300lm/740 O92 gray II kl. mod. 002
 Equipment : 1 x LED 59.5 W / 9300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 32.00 m	Height (phot.center)	: 8.50 m
Overhang	: -1.00 m	Tilt	: 15.00 °
Abs. position	: -1.00 m	Glare index class	: D0
Load/km	: 1859 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 8.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 32m x 8m (11 x 6 pts)

Observer

2 : x=-60.00m, y=6.00m, z=1.50m

1 : x=-60.00m, y=2.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=6.00)	0.91 cd/m ²	0.62	0.79	8	0.71
1:(y=2.00)	0.81 cd/m ²	0.65	0.75	11	0.46
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 32m x 8m (11 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
13.9 lx	5.99 lx	0.43	0.24

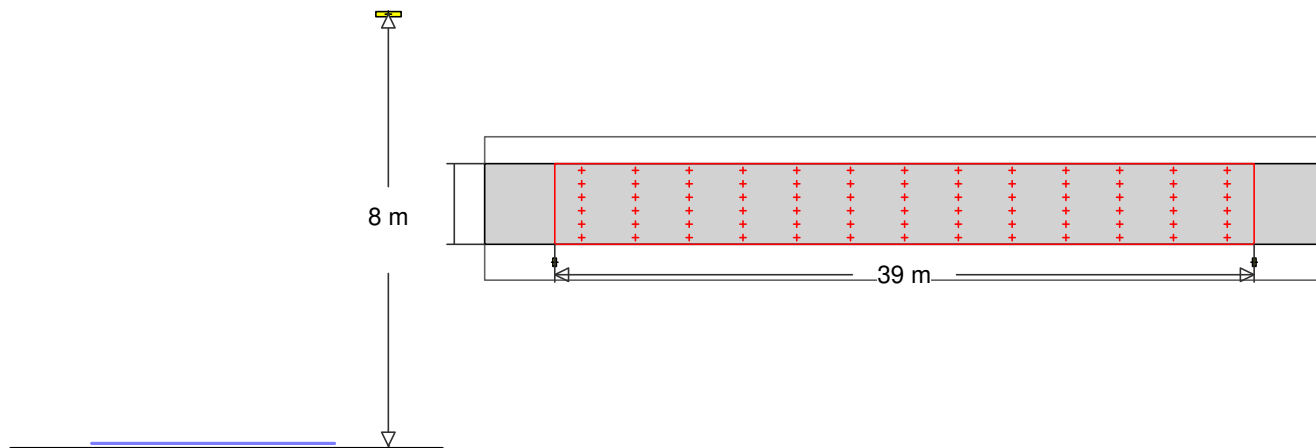
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



52 53. Tineretului (sector 1), Tecuci (sector 1)

52.1 Summary, 53. Tineretului (sector 1), Tecuci (sector 1)

52.1.1 Result overview, 53. Tineretului (sector 1), Tecuci (sector 1)



LUG LIGHT FACTORY

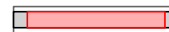
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 39.00 m	Height (phot centre)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 769 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.50 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 39m x 4.5m (13 x 6 pts)

Observer

2 : x=-60.00m, y=3.38m, z=1.50m

1 : x=-60.00m, y=1.13m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.38)	0.44 cd/m ²	0.54	0.64	8	0.74
1:(y=1.13)	0.41 cd/m ²	0.53	0.59	10	0.92
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 39m x 4.5m (13 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.70 lx	2.08 lx	0.31	0.13

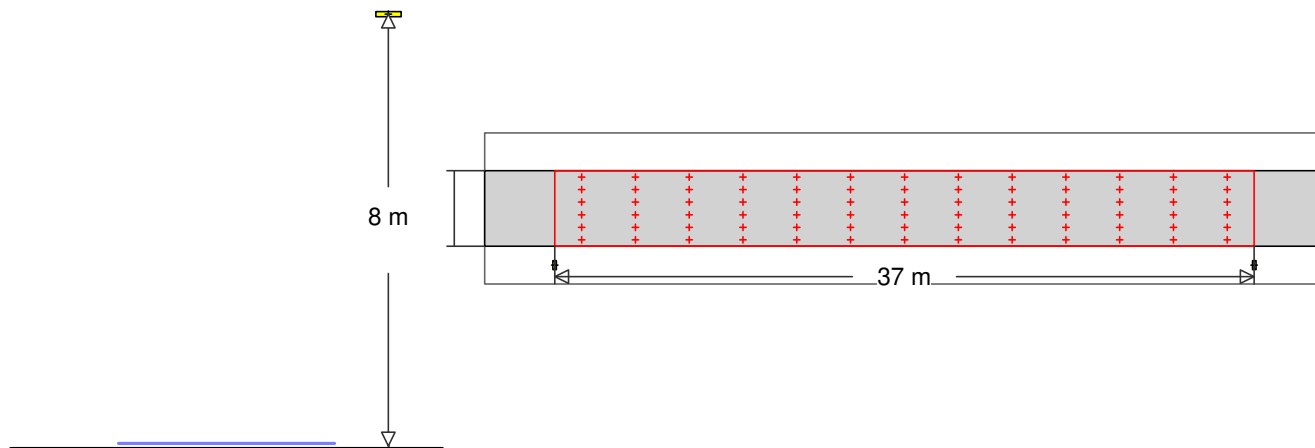
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



53 54. str-la Vasile Alecsandri

53.1 Summary, 54. str-la Vasile Alecsandri

53.1.1 Result overview, 54. str-la Vasile Alecsandri



LUG LIGHT FACTORY

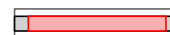
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 37.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 811 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 37m x 4m (13 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.48 cd/m ²	0.59	0.67	8	0.79
1:(y=1.00)	0.45 cd/m ²	0.58	0.65	9	0.93
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 37m x 4m (13 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.19 lx	2.40 lx	0.33	0.15

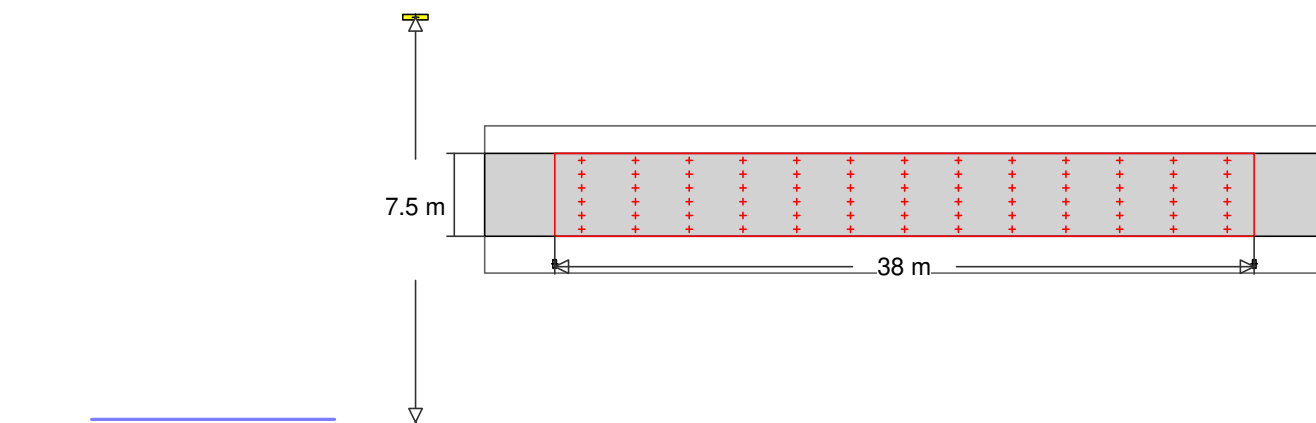
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



54 55. Valea Prutului

54.1 Summary, 55. Valea Prutului

54.1.1 Result overview, 55. Valea Prutului



LUG LIGHT FACTORY

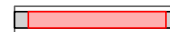
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 38.00 m	Height (phot.center)	: 7.50 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 789 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.50 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 38m x 4.5m (13 x 6 pts)

Observer

2 : x=-60.00m, y=3.38m, z=1.50m

1 : x=-60.00m, y=1.13m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.38)	0.44 cd/m ²	0.51	0.64	8	0.68
1:(y=1.13)	0.41 cd/m ²	0.51	0.55	12	0.98
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 38m x 4.5m (13 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.96 lx	2.25 lx	0.32	0.13

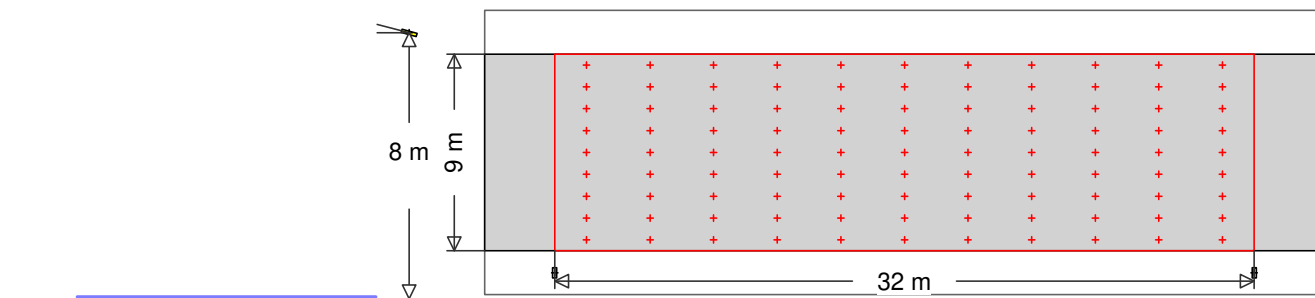
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



55 56. Vasile Alecsandri (sector 1)

55.1 Summary, 56. Vasile Alecsandri (sector 1)

55.1.1 Result overview, 56. Vasile Alecsandri (sector 1)



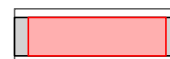
LUG Light Factory
 6 Order No. : 130782.7L122.120.005
 Luminaire name : URBINO LED S ED D4i 5650lm/740 O12 gray II kl. mod. 005
 Equipment : 1 x LED 39.5 W / 5650 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 32.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 15.00 °
Abs. position	: -1.00 m	Glare index class	: D1
Load/km	: 1234 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 9.00 m Lanes : 3
 Surface : R3, q0=0.07



Luminance

Calculation field: 32m x 9m (11 x 9 pts)

Observer

3 : x=-60.00m, y=7.50m, z=1.50m
 2 : x=-60.00m, y=4.50m, z=1.50m
 1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
3:(y=7.50)	0.63 cd/m ²	0.55	0.91	7	0.61
2:(y=4.50)	0.58 cd/m ²	0.59	0.89	11	
1:(y=1.50)	0.54 cd/m ²	0.62	0.69	13	0.40
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 32m x 9m (11 x 9 pts)

\bar{E}_m	E_{min}	U_o	U_d
9.87 lx	4.17 lx	0.42	0.23

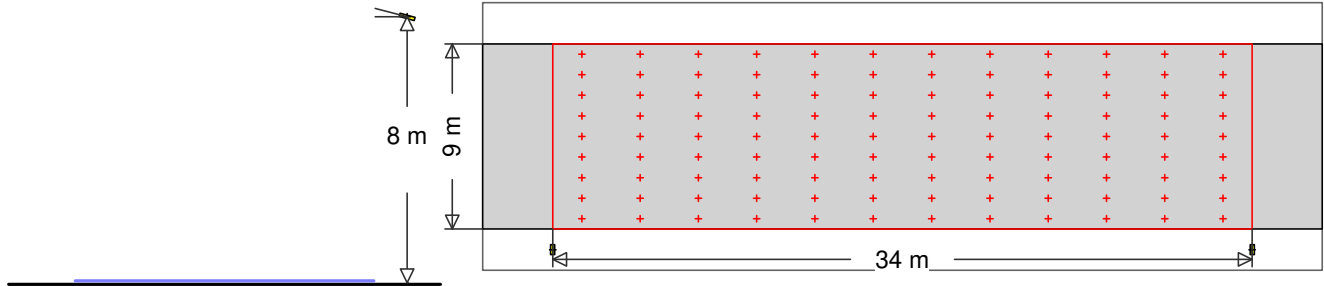
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



56 57. Vasile Alecsandri

56.1 Summary, 57. Vasile Alecsandri

56.1.1 Result overview, 57. Vasile Alecsandri



LUG LIGHT FACTORY

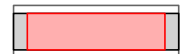
7 Order No. : 130782.7L242.130.010
 Luminaire name : URBINO LED S ED D4i 7400lm/740 O13 gray II kl. mod. 010
 Equipment : 1 x LED 4000K 50 W / 7400 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 34.00 m	Height (phot. centre)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 15.00 °
Abs. position	: -1.00 m	Glare index class	: D0
Load/km	: 1471 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 9.00 m Lanes : 3
 Surface : R3, q0=0.07



Luminance

Calculation field: 34m x 9m (12 x 9 pts)

Observer

3 : x=-60.00m, y=7.50m, z=1.50m
 2 : x=-60.00m, y=4.50m, z=1.50m
 1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
3:(y=7.50)	0.64 cd/m ²	0.47	0.89	6	0.65
2:(y=4.50)	0.60 cd/m ²	0.48	0.77	10	
1:(y=1.50)	0.55 cd/m ²	0.49	0.67	11	0.85
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 34m x 9m (12 x 9 pts)

\bar{E}_m	E_{min}	U_o	U_d
10.3 lx	4.59 lx	0.45	0.19

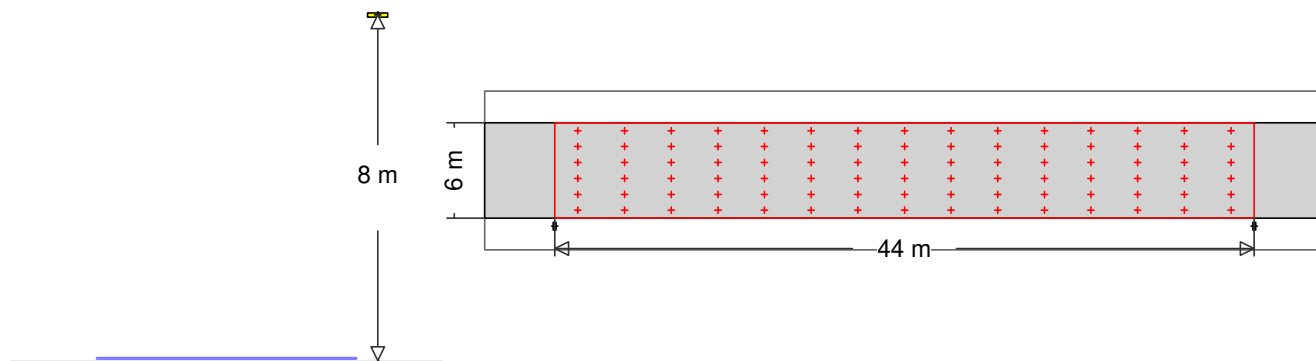
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



57 58. Vasile Stroescu (sector 1)

57.1 Summary, 58. Vasile Stroescu (sector 1)

57.1.1 Result overview, 58. Vasile Stroescu (sector 1)



LUG LIGHT FACTORY

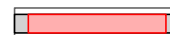
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 44.00 m	Height (phot.center)	: 8.00 m
Overhang	: -0.50 m	Tilt	: 0.00 °
Abs. position	: -0.50 m	Glare index class	: D6
Load/km	: 682 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 44m x 6m (15 x 6 pts)

Observer

2 : x=-60.00m, y=4.50m, z=1.50m

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.50)	0.38 cd/m ²	0.45	0.56	8	0.61
1:(y=1.50)	0.35 cd/m ²	0.43	0.44	11	0.85
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 44m x 6m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
5.74 lx	1.40 lx	0.24	0.09

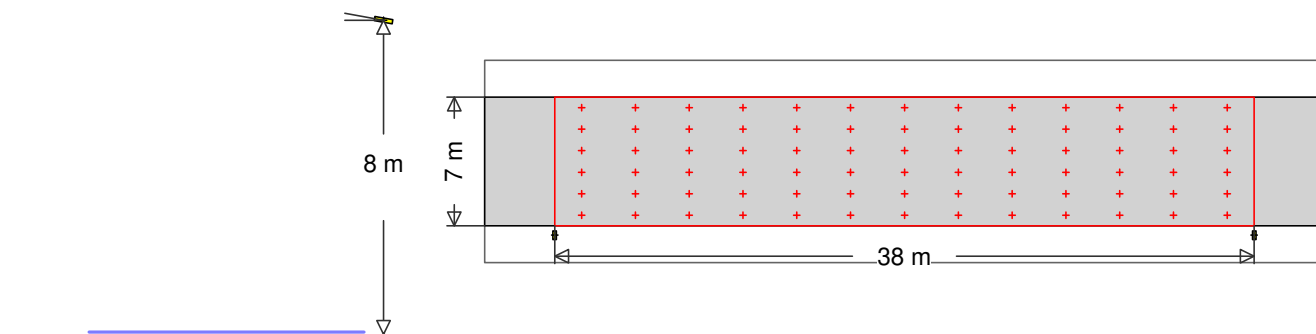
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



58 59. Vasile Stroescu

58.1 Summary, 59. Vasile Stroescu

58.1.1 Result overview, 59. Vasile Stroescu



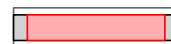
LUG LIGHT FACTORY
 4 Order No. : 130782.7L122.110.050
 Luminaire name : URBINO LED S ED D4i 5600lm/740 O11 gray II kl. mod. 050
 Equipment : 1 x LED 4000K 39 W / 5600 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 38.00 m	Height (phot. centre)	: 8.00 m
Overhang	: -0.50 m	Tilt	: 10.00 °
Abs. position	: -0.50 m	Glare index class	: D3
Load/km	: 1026 W/km	Lum. intensity class	: G*1
Upward light ratio (ULR)	: 0.00		

Droga

Width : 7.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 38m x 7m (13 x 6 pts)

Observer

2 : x=-60.00m, y=5.25m, z=1.50m

1 : x=-60.00m, y=1.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=5.25)	0.78 cd/m ²	0.43	0.74	8	0.34
1:(y=1.75)	0.71 cd/m ²	0.43	0.52	13	0.38
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 38m x 7m (13 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
11.5 lx	4.68 lx	0.41	0.18

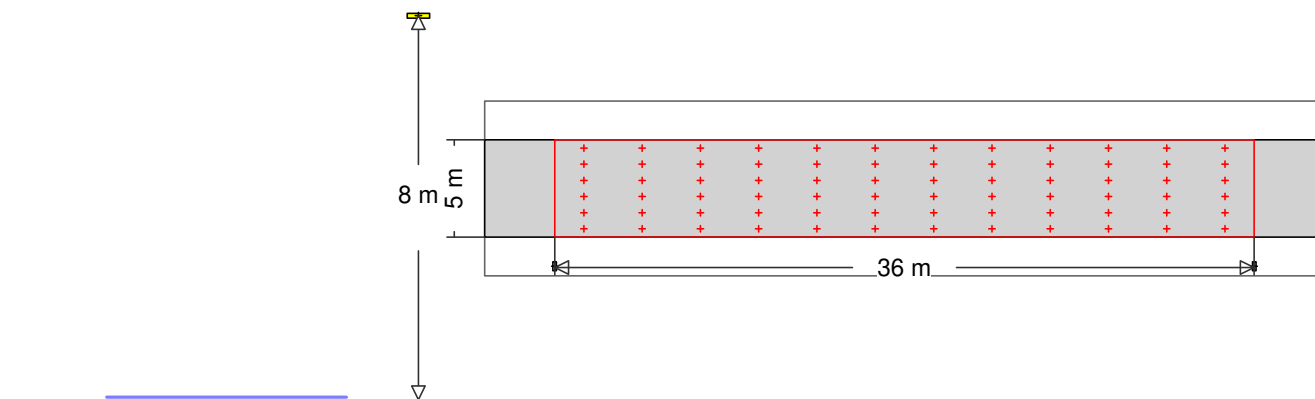
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



59 60. Vasilii Dokuceaev, Mitropolit Dosoftei

59.1 Summary, 60. Vasilii Dokuceaev, Mitropolit Dosoftei

59.1.1 Result overview, 60. Vasilii Dokuceaev, Mitropolit Dosoftei



LUG LIGHT FACTORY

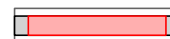
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 36.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 833 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 36m x 5m (12 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.44 cd/m ²	0.54	0.73	7	0.66
1:(y=1.25)	0.40 cd/m ²	0.55	0.67	10	0.97
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 36m x 5m (12 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.89 lx	2.80 lx	0.41	0.18

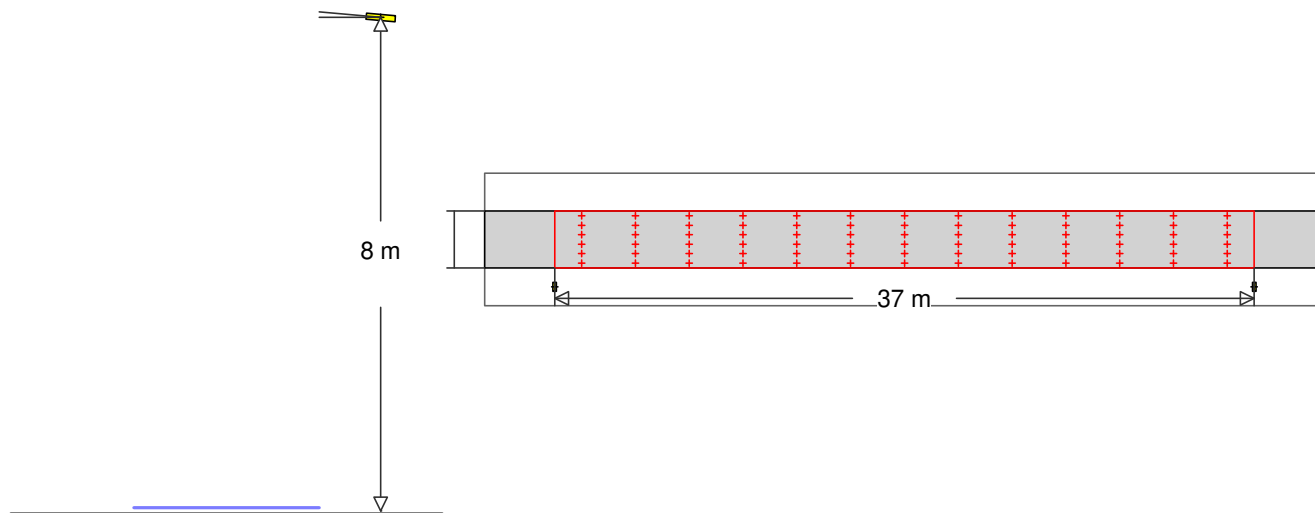
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



60 61. Zamfir Arbore

60.1 Summary, 61. Zamfir Arbore

60.1.1 Result overview, 61. Zamfir Arbore



LUG LIGHT FACTORY

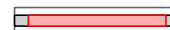
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 37.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 5.00 °
Abs. position	: -1.00 m	Glare index class	: D5
Load/km	: 811 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 3.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 37m x 3m (13 x 6 pts)

Observer

2 : x=-60.00m, y=2.25m, z=1.50m

1 : x=-60.00m, y=0.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=2.25)	0.48 cd/m ²	0.64	0.64	8	0.90
1:(y=0.75)	0.45 cd/m ²	0.62	0.63	8	0.94
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 37m x 3m (13 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.13 lx	2.19 lx	0.31	0.14

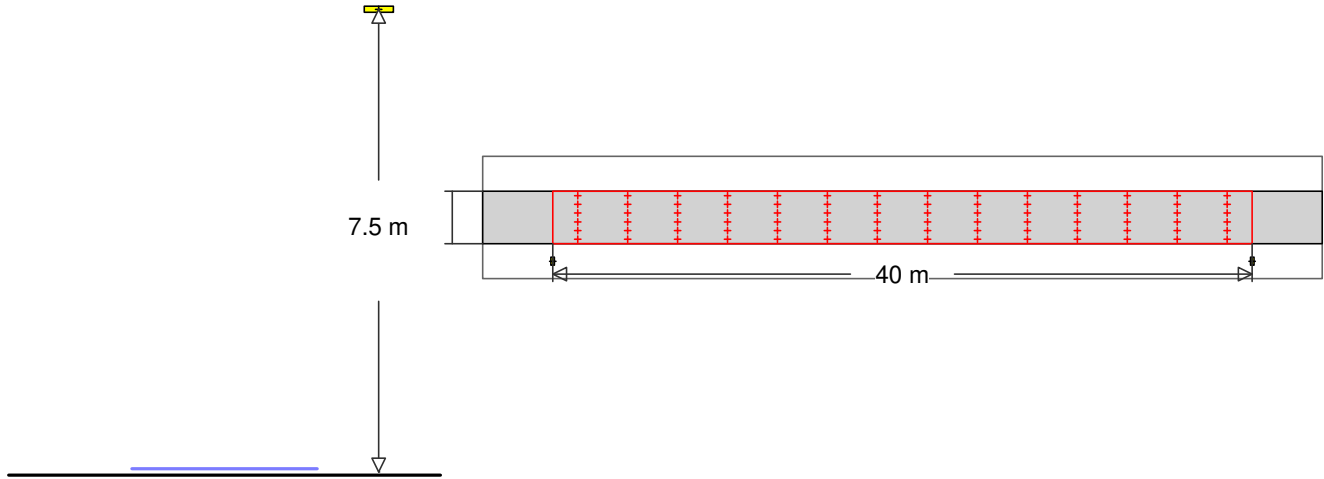
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



61 62. Cartier

61.1 Summary, 62. Cartier

61.1.1 Result overview, 62. Cartier



LUG LIGHT FACTORY

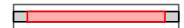
2
 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot.center)	: 7.50 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 750 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 3.00 m Lanes : 2
 Surface : R3, q0=0.07



Illuminance

Calculation field: 40m x 3m (14 x 6 pts)

	\bar{E}_m	E_{min}	U_o	U_d
	7.24 lx	1.85 lx	0.26	0.11
P4	≥ 5.00 lx	≥ 1.00 lx		

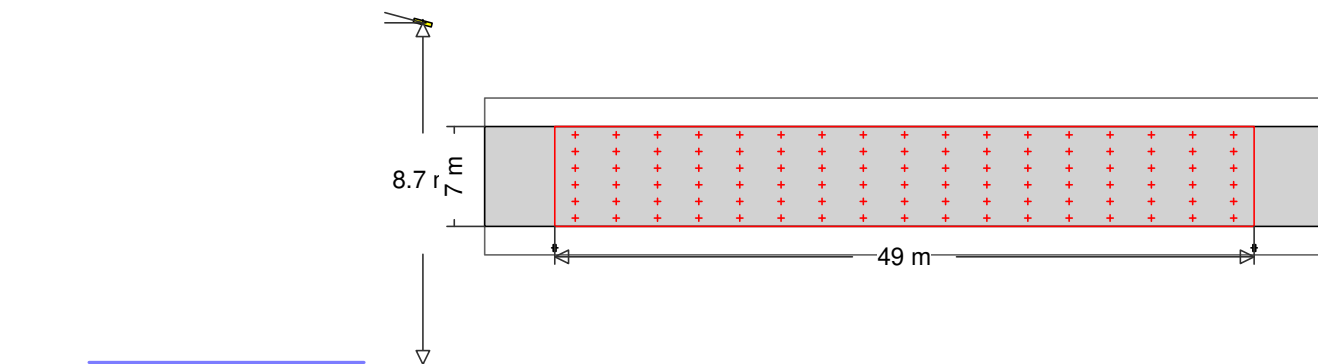
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



62 63. Doinelor

62.1 Summary, 63. Doinelor

62.1.1 Result overview, 63. Doinelor



LUG LIGHT FACTORY

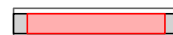
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 49.00 m	Height (phot.center)	: 8.70 m
Overhang	: -1.50 m	Tilt	: 15.00 °
Abs. position	: -1.50 m	Glare index class	: D3
Load/km	: 612 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 7.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 49m x 7m (17 x 6 pts)

Observer

2 : x=-60.00m, y=5.25m, z=1.50m

1 : x=-60.00m, y=1.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=5.25)	0.40 cd/m ²	0.43	0.57	8	0.47
1:(y=1.75)	0.36 cd/m ²	0.44	0.41	14	0.45
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 49m x 7m (17 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.15 lx	2.00 lx	0.33	0.13

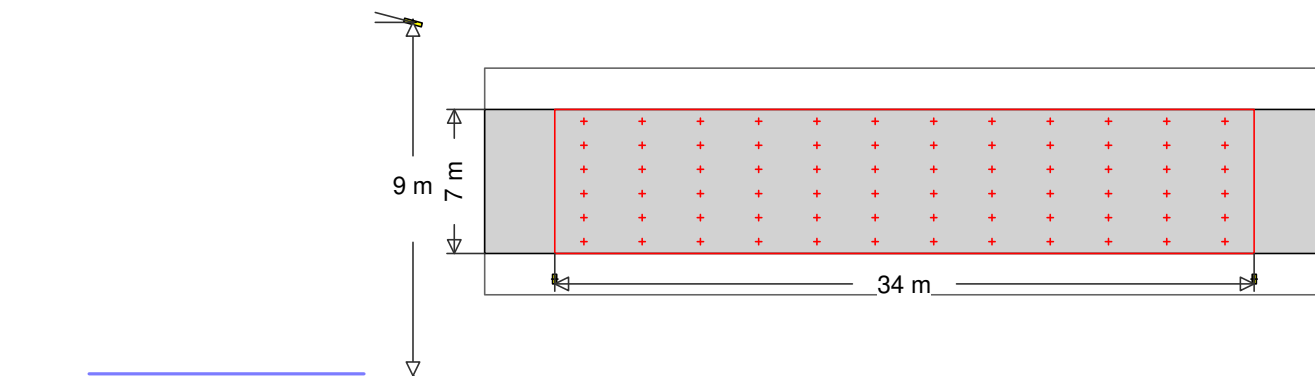
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



63 64. Mihai Viteazu (sector 1)

63.1 Summary, 64. Mihai Viteazu (sector 1)

63.1.1 Result overview, 64. Mihai Viteazu (sector 1)



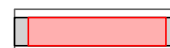
LUG LIGHT FACTORY
 4 Order No. : 130782.7L122.110.050
 Luminaire name : URBINO LED S ED D4i 5600lm/740 O11 gray II kl. mod. 050
 Equipment : 1 x LED 4000K 39 W / 5600 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 34.00 m	Height (phot.center)	: 9.00 m
Overhang	: -1.25 m	Tilt	: 15.00 °
Abs. position	: -1.25 m	Glare index class	: D2
Load/km	: 1147 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 7.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 34m x 7m (12 x 6 pts)

Observer

2 : x=-60.00m, y=5.25m, z=1.50m

1 : x=-60.00m, y=1.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=5.25)	0.75 cd/m ²	0.56	0.89	7	0.55
1:(y=1.75)	0.67 cd/m ²	0.58	0.81	10	0.42
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 34m x 7m (12 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
11.2 lx	6.49 lx	0.58	0.33

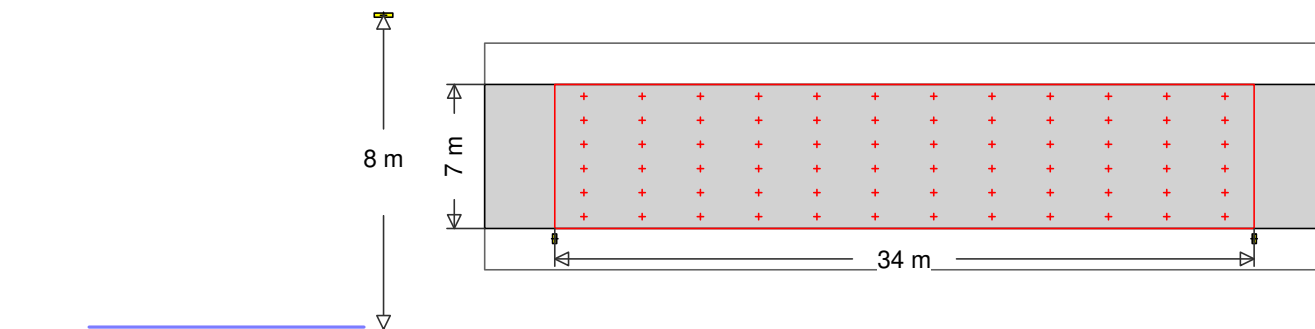
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



64 65. Mihai Viteazu (sector 2)

64.1 Summary, 65. Mihai Viteazu (sector 2)

64.1.1 Result overview, 65. Mihai Viteazu (sector 2)



LUG LIGHT FACTORY

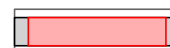
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 34.00 m	Height (phot.center)	: 8.00 m
Overhang	: -0.50 m	Tilt	: 0.00 °
Abs. position	: -0.50 m	Glare index class	: D6
Load/km	: 882 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 7.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 34m x 7m (12 x 6 pts)

Observer

2 : x=-60.00m, y=5.25m, z=1.50m

1 : x=-60.00m, y=1.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=5.25)	0.46 cd/m ²	0.48	0.80	6	0.51
1:(y=1.75)	0.42 cd/m ²	0.50	0.72	10	0.82
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 34m x 7m (12 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.09 lx	3.01 lx	0.42	0.19

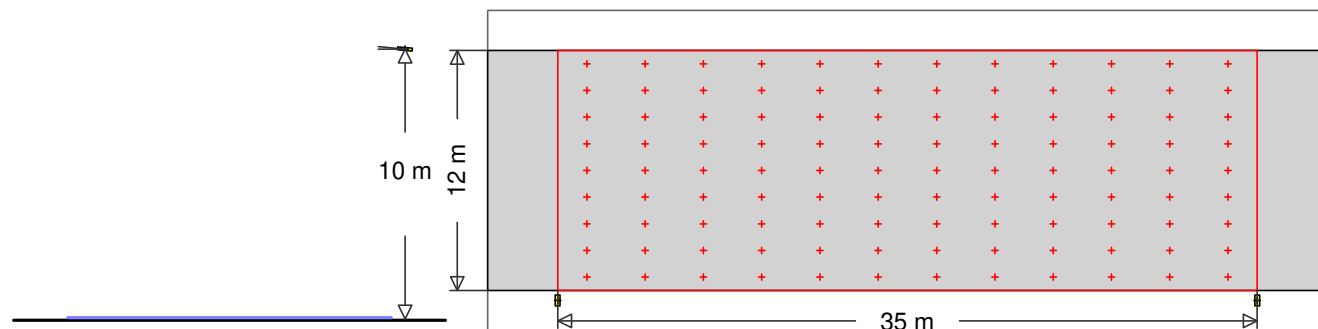
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



65 66. Mihai Viteazu

65.1 Summary, 66. Mihai Viteazu

65.1.1 Result overview, 66. Mihai Viteazu



LUG Light Factory
 3 Order No. : 130222.7L782.681.002
 Luminaire name : URBINO LED ED D4i 9300lm/740 O92 gray II kl. mod. 002
 Equipment : 1 x LED 59.5 W / 9300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 35.00 m	Height (phot.center)	: 10.00 m
Overhang	: -0.50 m	Tilt	: 5.00 °
Abs. position	: -0.50 m	Glare index class	: D2
Load/km	: 1700 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 12.00 m Lanes : 3
 Surface : R3, q0=0.07



Luminance

Calculation field: 35m x 12m (12 x 9 pts)

Observer

3 : x=-60.00m, y=10.00m, z=1.50m
 2 : x=-60.00m, y=6.00m, z=1.50m
 1 : x=-60.00m, y=2.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
3:(y=10.00)	0.77 cd/m ²	0.46	0.94	5	0.48
2:(y=6.00)	0.72 cd/m ²	0.47	0.81	8	
1:(y=2.00)	0.66 cd/m ²	0.49	0.83	10	0.52
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 35m x 12m (12 x 9 pts)

\bar{E}_m	E_{min}	U_o	U_d
11.8 lx	5.91 lx	0.50	0.27

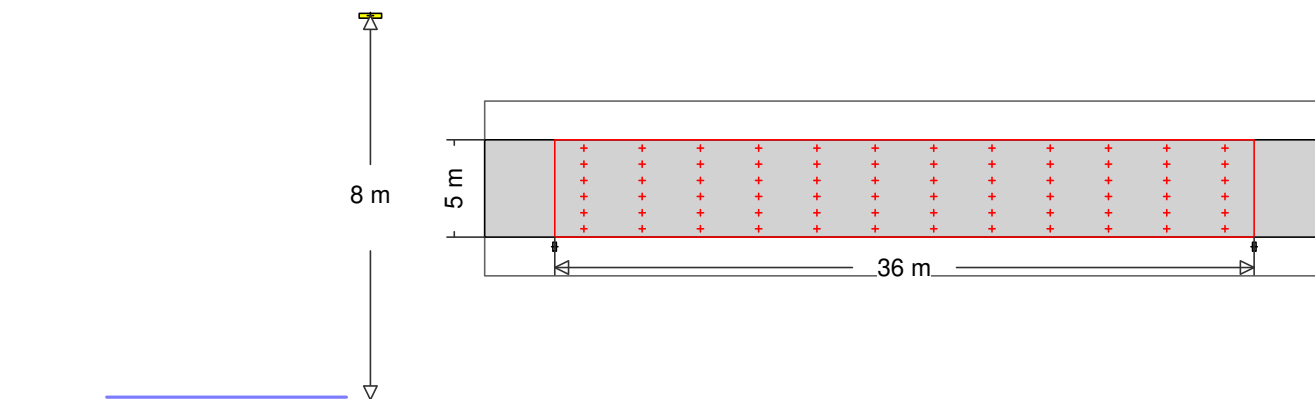
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



66 67. Miron Costin, D. Cantemir

66.1 Summary, 67. Miron Costin, D. Cantemir

66.1.1 Result overview, 67. Miron Costin, D. Cantemir



LUG LIGHT FACTORY

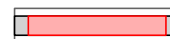
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 36.00 m	Height (phot.center)	: 8.00 m
Overhang	: -0.50 m	Tilt	: 0.00 °
Abs. position	: -0.50 m	Glare index class	: D6
Load/km	: 833 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 36m x 5m (12 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.49 cd/m ²	0.56	0.70	8	0.72
1:(y=1.25)	0.45 cd/m ²	0.55	0.67	9	0.87
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 36m x 5m (12 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.30 lx	2.54 lx	0.35	0.16

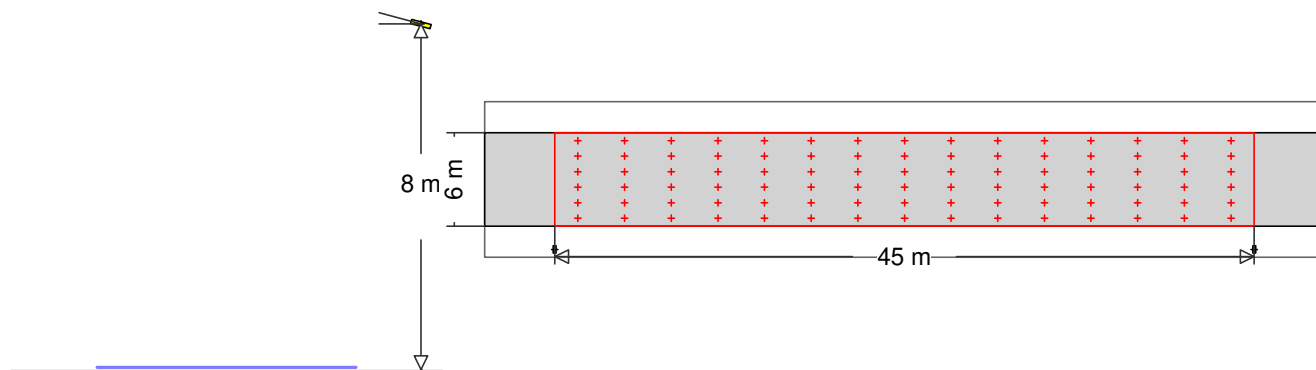
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



67 68. Nicolae Gribov

67.1 Summary, 68. Nicolae Gribov

67.1.1 Result overview, 68. Nicolae Gribov



LUG LIGHT FACTORY

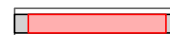
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot centre)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 15.00 °
Abs. position	: -1.50 m	Glare index class	: D3
Load/km	: 667 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 45m x 6m (15 x 6 pts)

Observer

2 : x=-60.00m, y=4.50m, z=1.50m

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.50)	0.47 cd/m ²	0.45	0.55	9	0.52
1:(y=1.50)	0.43 cd/m ²	0.46	0.41	14	0.50
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 45m x 6m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.41 lx	2.43 lx	0.33	0.13

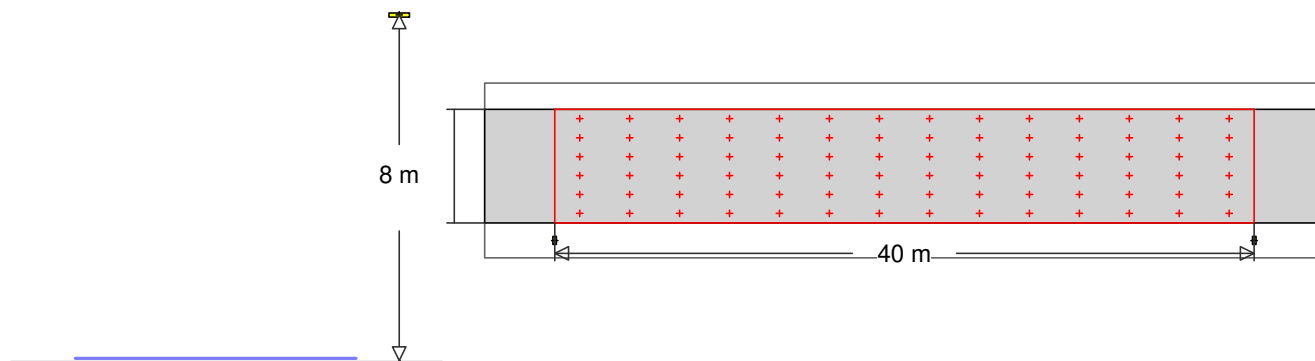
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



68 69. Nucilor

68.1 Summary, 69. Nucilor

68.1.1 Result overview, 69. Nucilor



LUG LIGHT FACTORY

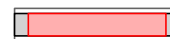
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot centre)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 750 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.50 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 40m x 6.5m (14 x 6 pts)

Observer

2 : x=-60.00m, y=4.88m, z=1.50m

1 : x=-60.00m, y=1.63m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.88)	0.38 cd/m ²	0.45	0.70	7	0.53
1:(y=1.63)	0.35 cd/m ²	0.46	0.57	11	0.89
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 40m x 6.5m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
5.97 lx	2.02 lx	0.34	0.13

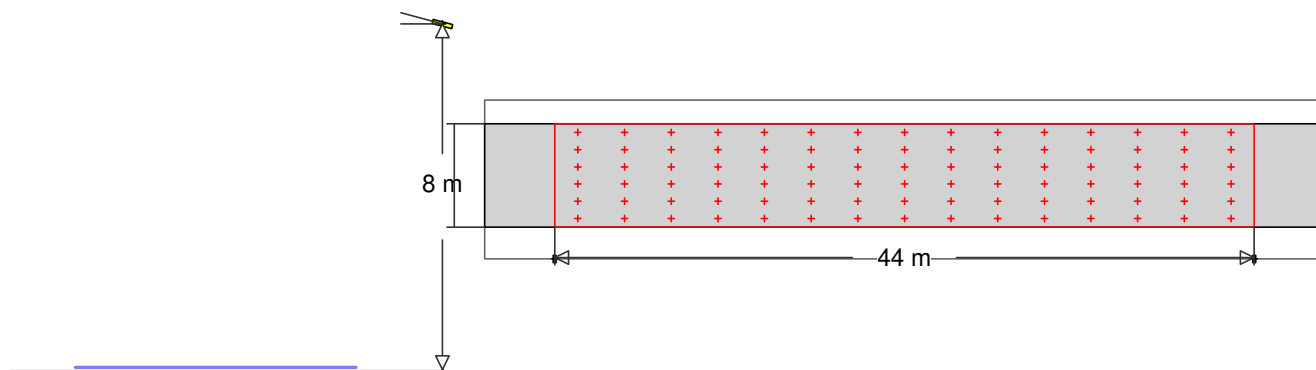
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



69 70. Nufărul Alb

69.1 Summary, 70. Nufărul Alb

69.1.1 Result overview, 70. Nufărul Alb



LUG LIGHT FACTORY

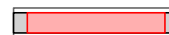
4
 Order No. : 130782.7L122.110.050
 Luminaire name : URBINO LED S ED D4i 5600lm/740 O11 gray II kl. mod. 050
 Equipment : 1 x LED 4000K 39 W / 5600 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 44.00 m	Height (phot.center)	: 8.00 m
Overhang	: -2.00 m	Tilt	: 15.00 °
Abs. position	: -2.00 m	Glare index class	: D2
Load/km	: 886 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.50 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 44m x 6.5m (15 x 6 pts)

Observer

2 : x=-60.00m, y=4.88m, z=1.50m

1 : x=-60.00m, y=1.63m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.88)	0.56 cd/m ²	0.44	0.67	8	0.43
1:(y=1.63)	0.51 cd/m ²	0.46	0.48	14	0.60
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 44m x 6.5m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
9.12 lx	3.21 lx	0.35	0.13

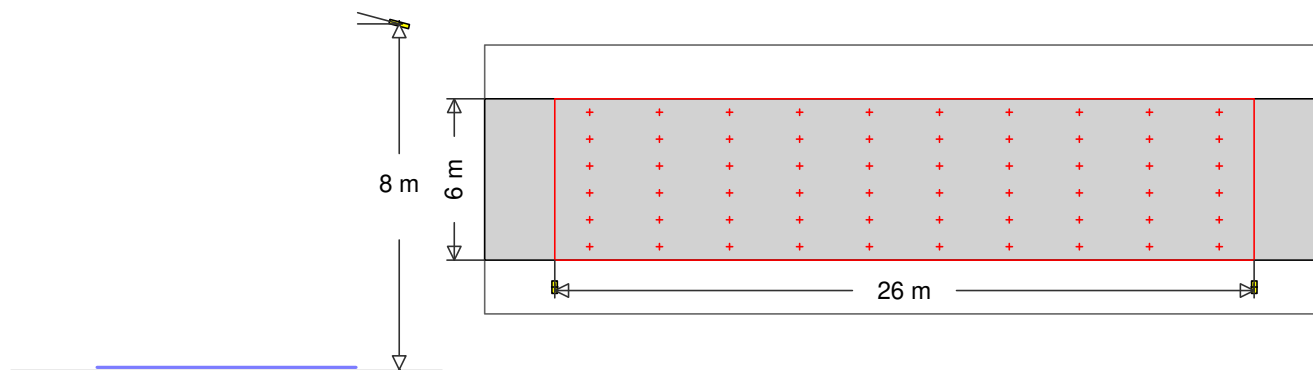
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



70 71. Orhei

70.1 Summary, 71. Orhei

70.1.1 Result overview, 71. Orhei



LUG LIGHT FACTORY

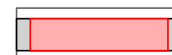
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 26.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 15.00 °
Abs. position	: -1.00 m	Glare index class	: D0
Load/km	: 1154 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 26m x 6m (10 x 6 pts)

Observer

2 : x=-60.00m, y=4.50m, z=1.50m

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.50)	0.54 cd/m ²	0.65	0.91	6	0.72
1:(y=1.50)	0.49 cd/m ²	0.67	0.80	7	0.82
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 26m x 6m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
8.64 lx	4.88 lx	0.56	0.34

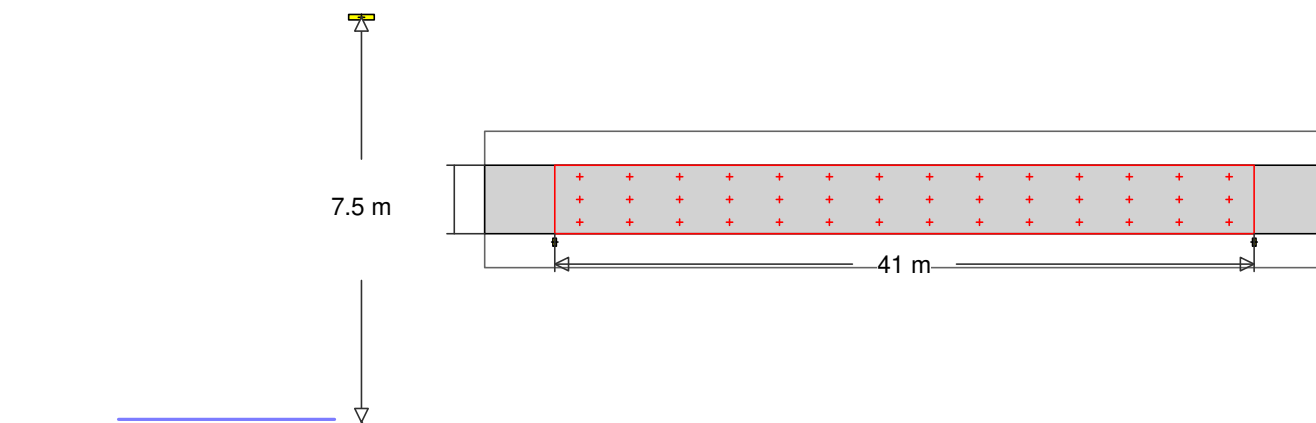
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



71 72. str. Al. I. cuza, str-la Puskin, str-la Al. Mateevici, str-la A. Sciusev

71.1 Summary, 72. str. Al. I. cuza, str-la Puskin, str-la Al. Mateevici, str-la A. Sciusev

71.1.1 Result overview, 72. str. Al. I. cuza, str-la Puskin, str-la Al. Mateevici, str-la A. Sciusev



LUG LIGHT FACTORY

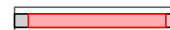
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 41.00 m	Height (phot.center)	: 7.50 m
Overhang	: -0.50 m	Tilt	: 0.00 °
Abs. position	: -0.50 m	Glare index class	: D6
Load/km	: 732 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 1
 Surface : R3, q0=0.07



Luminance

Calculation field: 41m x 4m (14 x 3 pts)

Observer

1 : x=-60.00m, y=2.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
1:(y=2.00)	0.46 cd/m ²	0.53	0.46	10	0.64
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 41m x 4m (14 x 3 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.00 lx	1.70 lx	0.24	0.10

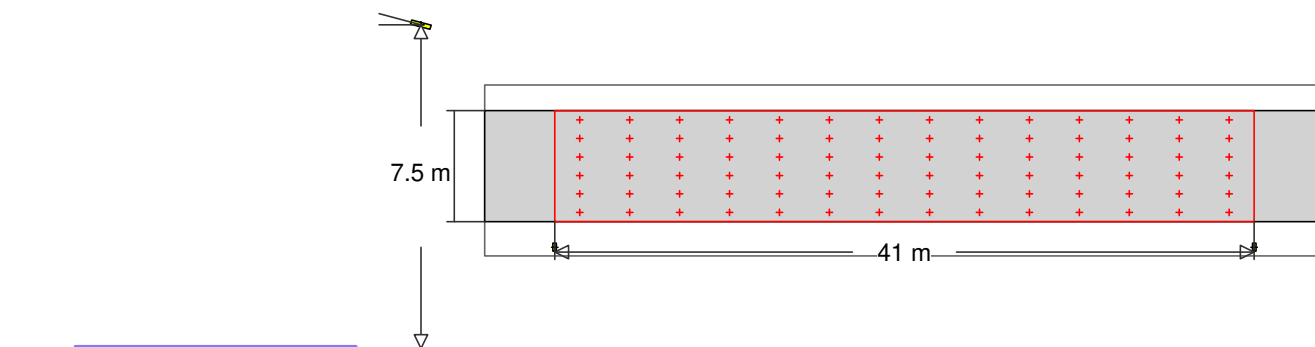
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



72 73. Alexei Mateevici

72.1 Summary, 73. Alexei Mateevici

72.1.1 Result overview, 73. Alexei Mateevici



LUG LIGHT FACTORY

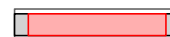
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 41.00 m	Height (phot centre)	: 7.50 m
Overhang	: -1.50 m	Tilt	: 15.00 °
Abs. position	: -1.50 m	Glare index class	: D3
Load/km	: 732 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.50 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 41m x 6.5m (14 x 6 pts)

Observer

2 : x=-60.00m, y=4.88m, z=1.50m

1 : x=-60.00m, y=1.63m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.88)	0.52 cd/m ²	0.42	0.66	8	0.39
1:(y=1.63)	0.47 cd/m ²	0.43	0.46	15	0.48
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 41m x 6.5m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
8.18 lx	2.85 lx	0.35	0.14

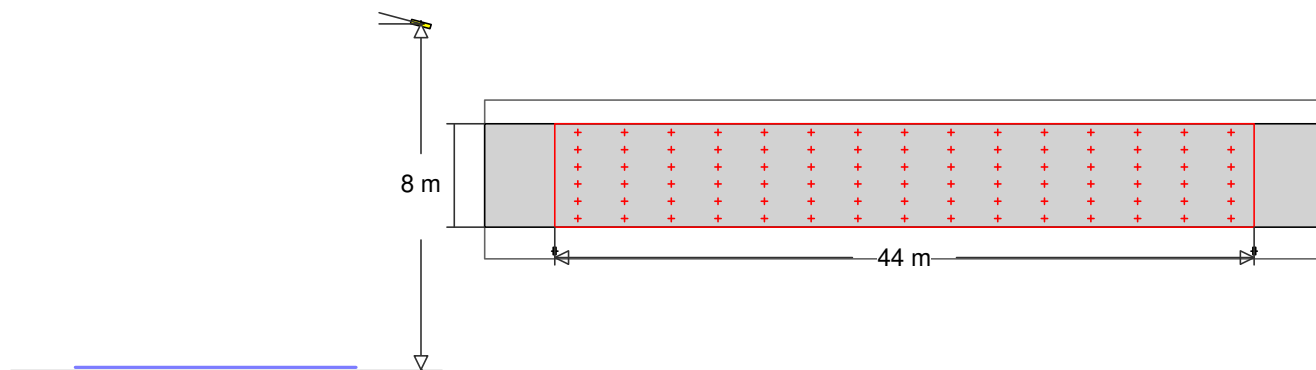
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



73 74. Alexandru Plămădeală

73.1 Summary, 74. Alexandru Plămădeală

73.1.1 Result overview, 74. Alexandru Plămădeală



LUG LIGHT FACTORY

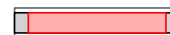
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 44.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 15.00 °
Abs. position	: -1.50 m	Glare index class	: D3
Load/km	: 682 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.50 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 44m x 6.5m (15 x 6 pts)

Observer

2 : x=-60.00m, y=4.88m, z=1.50m

1 : x=-60.00m, y=1.63m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.88)	0.47 cd/m ²	0.44	0.62	8	0.45
1:(y=1.63)	0.43 cd/m ²	0.45	0.44	14	0.48
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 44m x 6.5m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.38 lx	2.49 lx	0.34	0.14

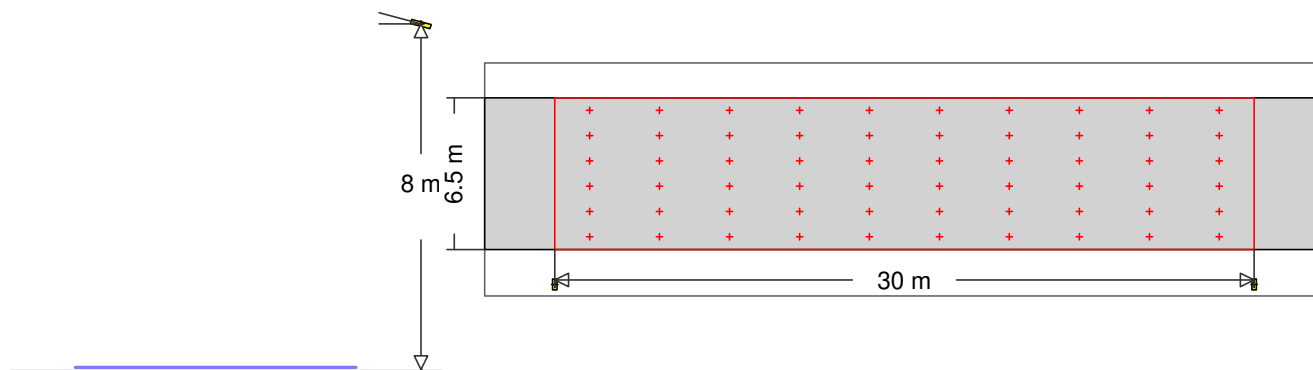
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



74 75. Alexandru Puşkin

74.1 Summary, 75. Alexandru Puşkin

74.1.1 Result overview, 75. Alexandru Puşkin



LUG LIGHT FACTORY

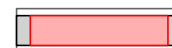
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 30.00 m	Height (phot centre)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 15.00 °
Abs. position	: -1.50 m	Glare index class	: D3
Load/km	: 1000 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.50 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 30m x 6.5m (10 x 6 pts)

Observer

2 : x=-60.00m, y=4.88m, z=1.50m

1 : x=-60.00m, y=1.63m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.88)	0.70 cd/m ²	0.51	0.93	6	0.46
1:(y=1.63)	0.63 cd/m ²	0.55	0.82	11	0.48
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 30m x 6.5m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
10.8 lx	5.99 lx	0.55	0.31

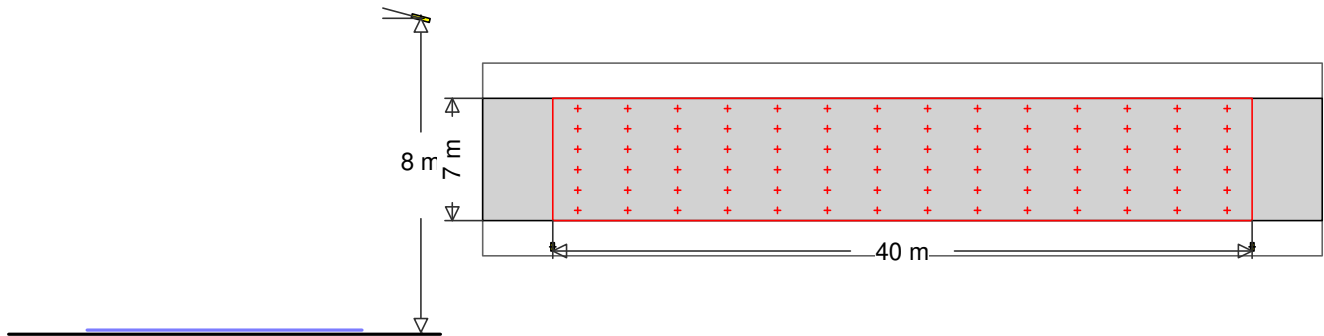
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



75 76. Alexei Sciusev (sector 1)

75.1 Summary, 76. Alexei Sciusev (sector 1)

75.1.1 Result overview, 76. Alexei Sciusev (sector 1)



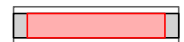
LUG LIGHT FACTORY
 4 Order No. : 130782.7L122.110.050
 Luminaire name : URBINO LED S ED D4i 5600lm/740 O11 gray II kl. mod. 050
 Equipment : 1 x LED 4000K 39 W / 5600 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 15.00 °
Abs. position	: -1.50 m	Glare index class	: D2
Load/km	: 975 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 7.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 40m x 7m (14 x 6 pts)

Observer

2 : x=-60.00m, y=5.25m, z=1.50m

1 : x=-60.00m, y=1.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=5.25)	0.65 cd/m ²	0.44	0.75	8	0.41
1:(y=1.75)	0.58 cd/m ²	0.46	0.54	13	0.47
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 40m x 7m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
10.1 lx	4.10 lx	0.40	0.17

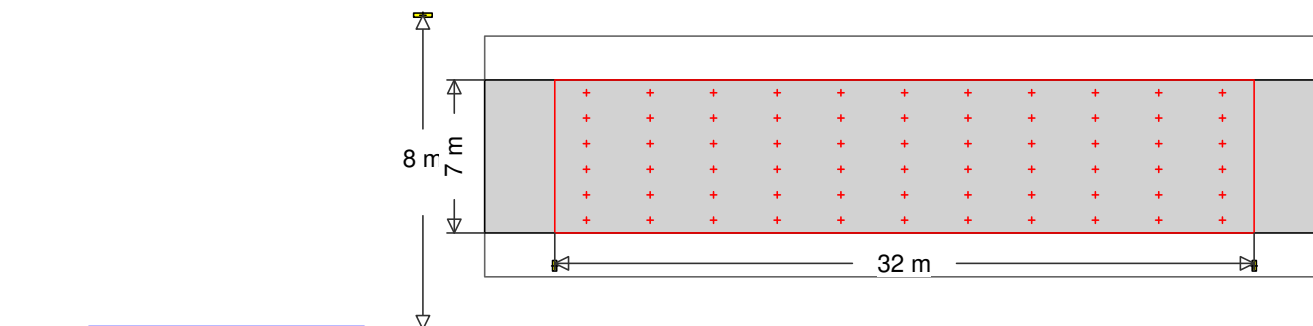
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



76 77. Alexei Sciusev

76.1 Summary, 77. Alexei Sciusev

76.1.1 Result overview, 77. Alexei Sciusev



LUG LIGHT FACTORY

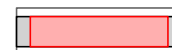
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 32.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 938 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 7.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 32m x 7m (11 x 6 pts)

Observer

2 : x=-60.00m, y=5.25m, z=1.50m

1 : x=-60.00m, y=1.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	R_{EI}
2:(y=5.25)	0.44 cd/m ²	0.47	0.89	5	0.45
1:(y=1.75)	0.39 cd/m ²	0.50	0.76	10	0.95
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 32m x 7m (11 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.92 lx	3.23 lx	0.47	0.21

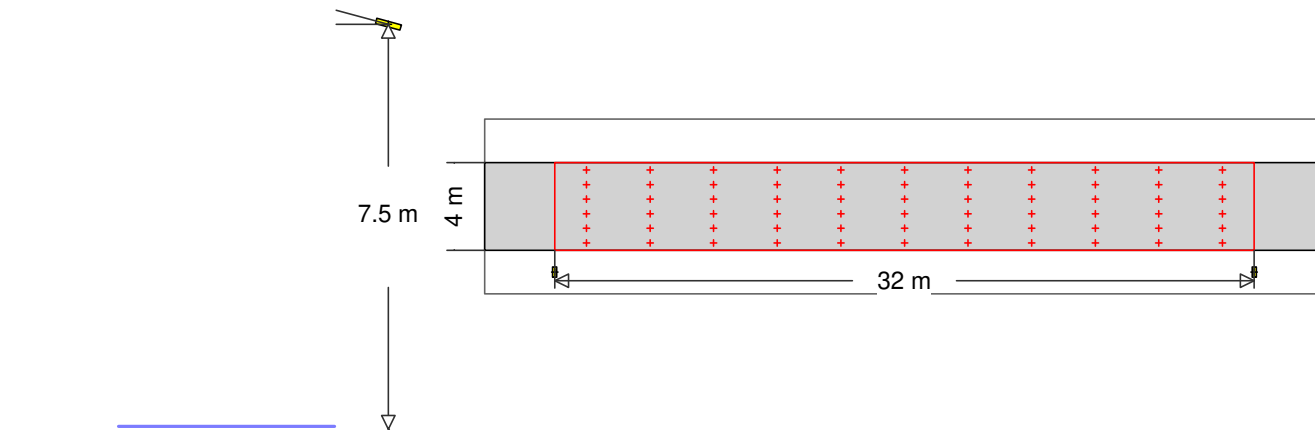
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



77 78. Andrei Ciurunga

77.1 Summary, 78. Andrei Ciurunga

77.1.1 Result overview, 78. Andrei Ciurunga



LUG LIGHT FACTORY

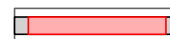
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 32.00 m	Height (phot. centre)	: 7.50 m
Overhang	: -1.00 m	Tilt	: 15.00 °
Abs. position	: -1.00 m	Glare index class	: D0
Load/km	: 938 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 32m x 4m (11 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.50 cd/m ²	0.63	0.69	8	0.84
1:(y=1.00)	0.46 cd/m ²	0.63	0.66	8	0.88
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 32m x 4m (11 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.84 lx	2.67 lx	0.34	0.17

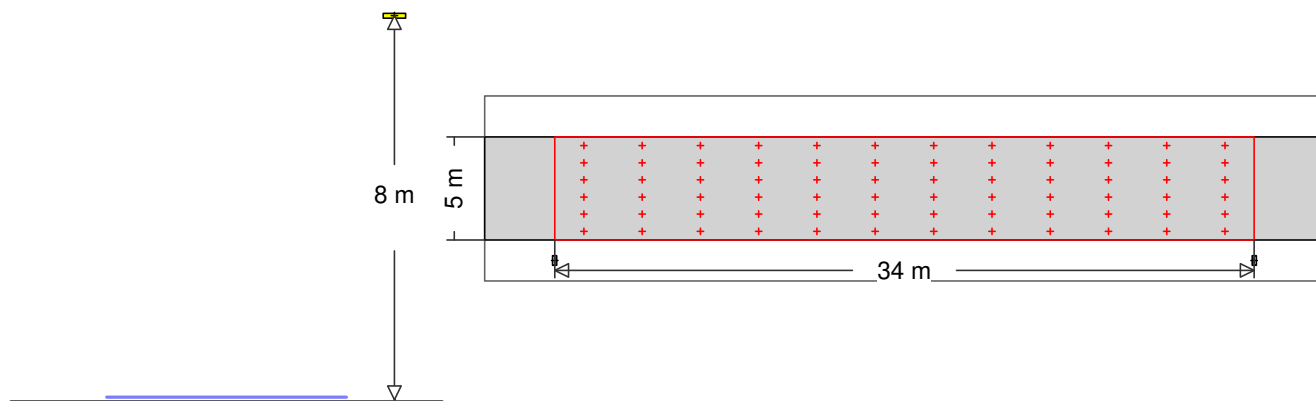
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



78 79. Fântânilor

78.1 Summary, 79. Fântânilor

78.1.1 Result overview, 79. Fântânilor



LUG LIGHT FACTORY

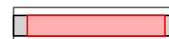
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 34.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 882 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 34m x 5m (12 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.49 cd/m ²	0.57	0.76	7	0.69
1:(y=1.25)	0.45 cd/m ²	0.57	0.72	9	0.92
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 34m x 5m (12 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.54 lx	3.11 lx	0.41	0.20

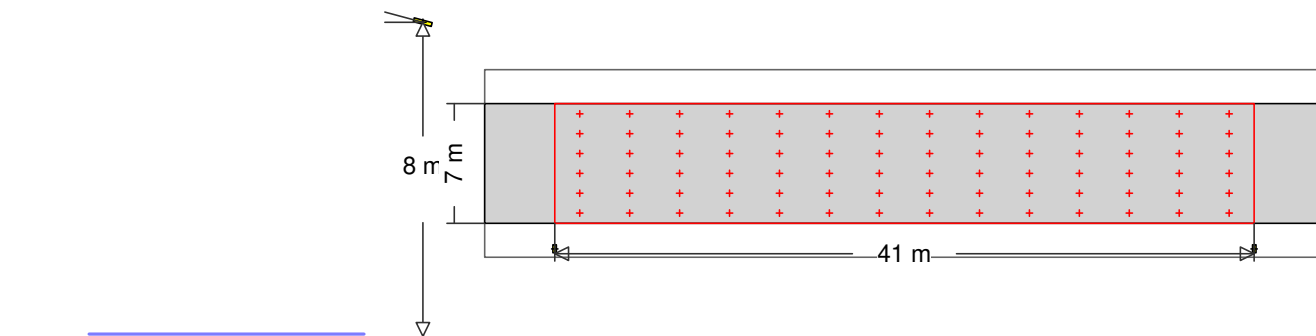
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



79 80.Plugarilor

79.1 Summary, 80.Plugarilor

79.1.1 Result overview, 80.Plugarilor



LUG LIGHT FACTORY

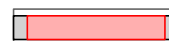
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 41.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 15.00 °
Abs. position	: -1.50 m	Glare index class	: D3
Load/km	: 732 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 7.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 41m x 7m (14 x 6 pts)

Observer

2 : x=-60.00m, y=5.25m, z=1.50m

1 : x=-60.00m, y=1.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=5.25)	0.49 cd/m ²	0.44	0.72	7	0.39
1:(y=1.75)	0.44 cd/m ²	0.45	0.51	13	0.45
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 41m x 7m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.68 lx	2.93 lx	0.38	0.16

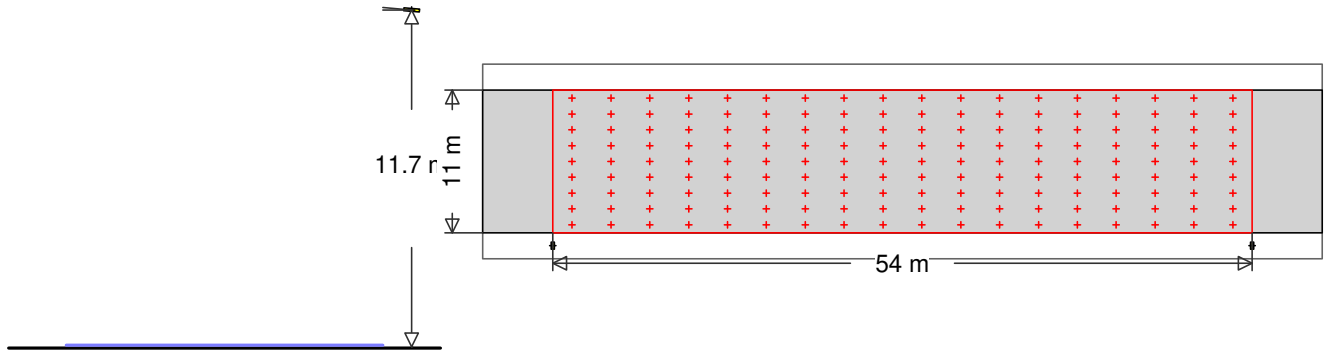
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024




80 81. Ștefan cel Mare

80.1 Summary, 81. Ștefan cel Mare

80.1.1 Result overview, 81. Ștefan cel Mare



LUG LIGHT FACTORY

8  Order No. : 130222.7L102.991.003
 Luminaire name : URBINO LED ED D4i 11200lm/740 O28 gray II kl. mod. 003
 Equipment : 1 x LED 4000K 80 W / 11200 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 54.00 m	Height (phot.center)	: 11.70 m
Overhang	: -1.00 m	Tilt	: 5.00 °
Abs. position	: -1.00 m	Glare index class	: D0
Load/km	: 1481 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 11.00 m Lanes : 3
 Surface : R3, q0=0.07



Luminance

Calculation field: 54m x 11m (18 x 9 pts)

Observer

3 : x=-60.00m, y=9.17m, z=1.50m
 2 : x=-60.00m, y=5.50m, z=1.50m
 1 : x=-60.00m, y=1.83m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	fTI	REI
3:(y=9.17)	0.67 cd/m ²	0.49	0.80	8	0.72
2:(y=5.50)	0.62 cd/m ²	0.50	0.74	12	
1:(y=1.83)	0.56 cd/m ²	0.52	0.78	12	0.57
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 54m x 11m (18 x 9 pts)

\bar{E}_m	E_{min}	U_o	U_d
9.20 lx	3.41 lx	0.37	0.16

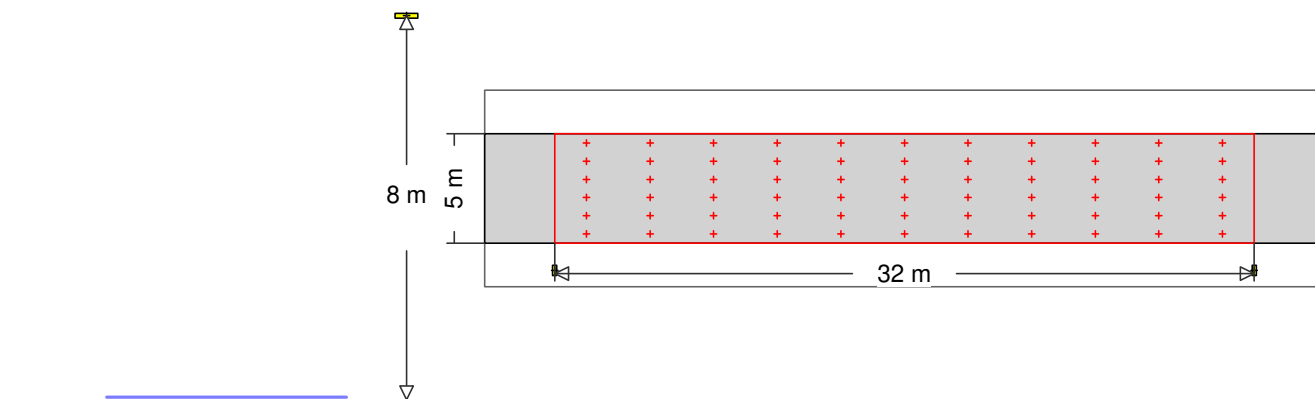
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



81 82. str-la Mihai Viteazu

81.1 Summary, 82. str-la Mihai Viteazu

81.1.1 Result overview, 82. str-la Mihai Viteazu



LUG LIGHT FACTORY

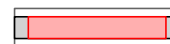
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 32.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.25 m	Tilt	: 0.00 °
Abs. position	: -1.25 m	Glare index class	: D6
Load/km	: 938 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 32m x 5m (11 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.51 cd/m ²	0.58	0.81	7	0.68
1:(y=1.25)	0.47 cd/m ²	0.59	0.76	9	0.94
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 32m x 5m (11 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.89 lx	3.61 lx	0.46	0.23

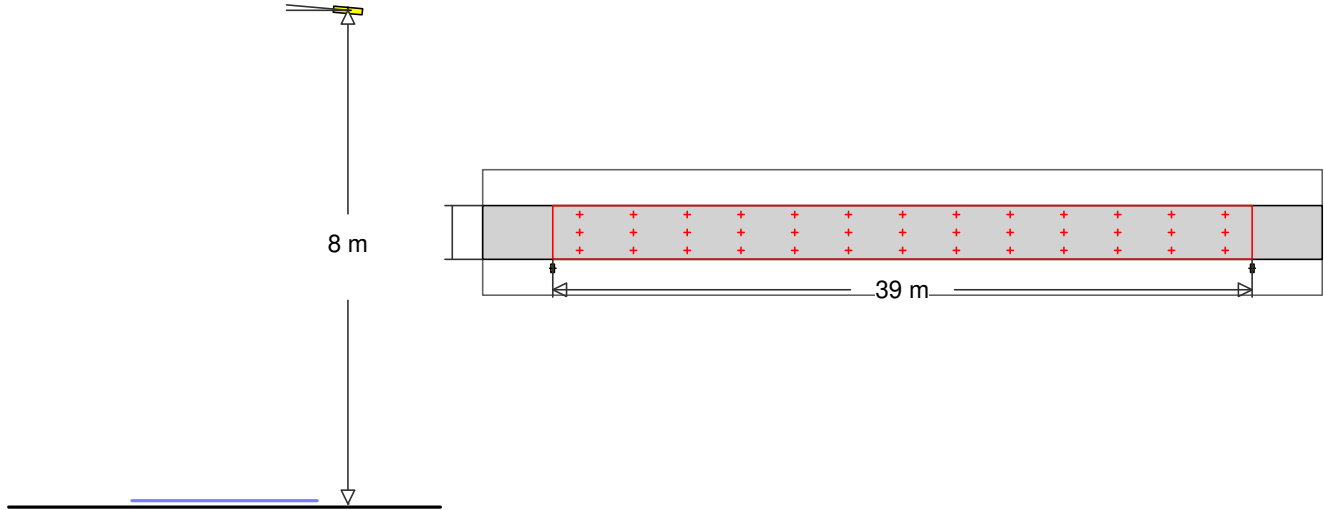
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



82 83. Alecu Russo, Amintiilor

82.1 Summary, 83. Alecu Russo, Amintiilor

82.1.1 Result overview, 83. Alecu Russo, Amintiilor



LUG LIGHT FACTORY

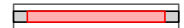
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 39.00 m	Height (phot. centre)	: 8.00 m
Overhang	: -0.50 m	Tilt	: 5.00 °
Abs. position	: -0.50 m	Glare index class	: D5
Load/km	: 769 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 3.00 m Lanes : 1
 Surface : R3, q0=0.07



Luminance

Calculation field: 39m x 3m (13 x 3 pts)

Observer

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	R_{EI}
1:(y=1.50)	0.46 cd/m ²	0.65	0.57	8	0.82
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 39m x 3m (13 x 3 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.80 lx	1.83 lx	0.27	0.12

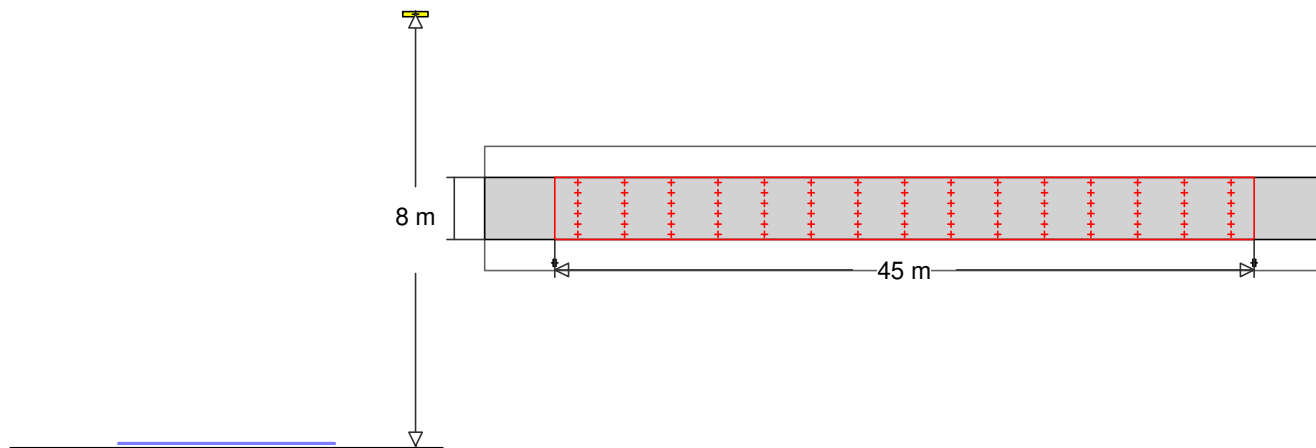
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



83 84. Haiducilor

83.1 Summary, 84. Haiducilor

83.1.1 Result overview, 84. Haiducilor



LUG LIGHT FACTORY

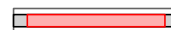
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot. centre)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 667 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 45m x 4m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.37 cd/m ²	0.50	0.50	9	0.77
1:(y=1.00)	0.34 cd/m ²	0.50	0.42	11	0.97
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 45m x 4m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
5.76 lx	1.42 lx	0.25	0.09

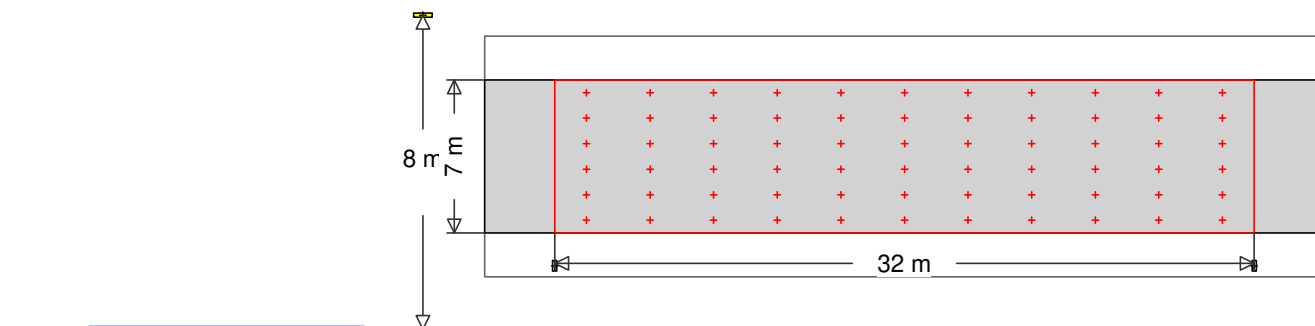
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



84 85. Păcii (sector 1), str-la Făurești, str-la Dunării

84.1 Summary, 85. Păcii (sector 1), str-la Făurești, str-la Dunării

84.1.1 Result overview, 85. Păcii (sector 1), str-la Făurești, str-la Dunării



LUG LIGHT FACTORY

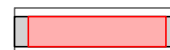
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 32.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 938 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 7.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 32m x 7m (11 x 6 pts)

Observer

2 : x=-60.00m, y=5.25m, z=1.50m

1 : x=-60.00m, y=1.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	R_{EI}
2:(y=5.25)	0.44 cd/m ²	0.47	0.89	5	0.45
1:(y=1.75)	0.39 cd/m ²	0.50	0.76	10	0.95
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 32m x 7m (11 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.92 lx	3.23 lx	0.47	0.21

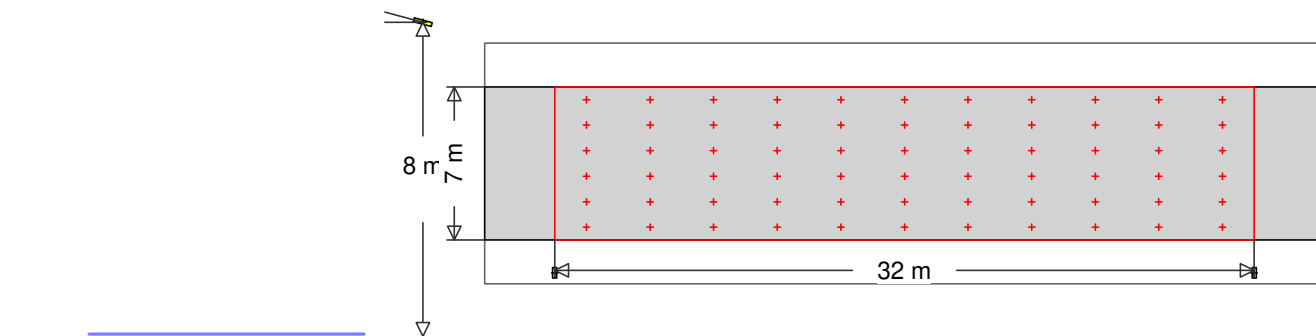
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



85 86. Păcii

85.1 Summary, 86. Păcii

85.1.1 Result overview, 86. Păcii



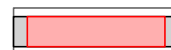
LUG LIGHT FACTORY
 4 Order No. : 130782.7L122.110.050
 Luminaire name : URBINO LED S ED D4i 5600lm/740 O11 gray II kl. mod. 050
 Equipment : 1 x LED 4000K 39 W / 5600 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 32.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 15.00 °
Abs. position	: -1.50 m	Glare index class	: D2
Load/km	: 1219 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 7.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 32m x 7m (11 x 6 pts)

Observer

2 : x=-60.00m, y=5.25m, z=1.50m

1 : x=-60.00m, y=1.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=5.25)	0.82 cd/m ²	0.47	0.91	7	0.41
1:(y=1.75)	0.73 cd/m ²	0.50	0.77	11	0.47
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 32m x 7m (11 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
12.7 lx	6.41 lx	0.51	0.26

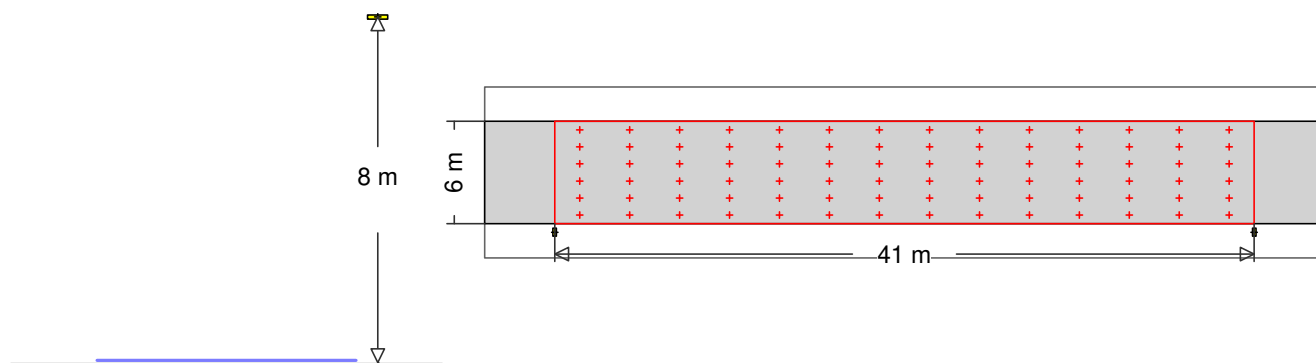
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



86 87. Sanatoriului (sector 1)

86.1 Summary, 87. Sanatoriului (sector 1)

86.1.1 Result overview, 87. Sanatoriului (sector 1)



LUG LIGHT FACTORY

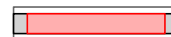
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 41.00 m	Height (phot.center)	: 8.00 m
Overhang	: -0.50 m	Tilt	: 0.00 °
Abs. position	: -0.50 m	Glare index class	: D6
Load/km	: 732 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 41m x 6m (14 x 6 pts)

Observer

2 : x=-60.00m, y=4.50m, z=1.50m

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.50)	0.40 cd/m ²	0.47	0.62	8	0.61
1:(y=1.50)	0.37 cd/m ²	0.46	0.53	10	0.85
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 41m x 6m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.15 lx	1.77 lx	0.29	0.11

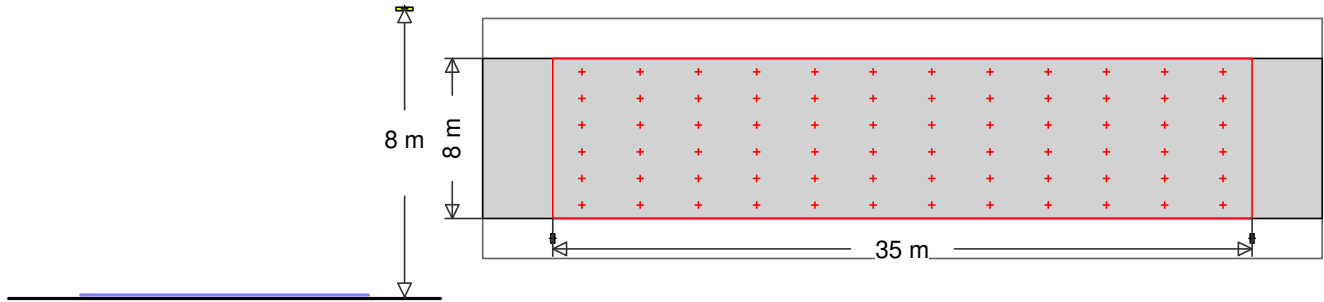
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



87 88. Sanatoriului

87.1 Summary, 88. Sanatoriului

87.1.1 Result overview, 88. Sanatoriului



LUG LIGHT FACTORY

2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 35.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 857 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 8.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 35m x 8m (12 x 6 pts)

Observer

2 : x=-60.00m, y=6.00m, z=1.50m

1 : x=-60.00m, y=2.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=6.00)	0.40 cd/m ²	0.42	0.84	5	0.38
1:(y=2.00)	0.36 cd/m ²	0.45	0.70	11	0.87
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 35m x 8m (12 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.25 lx	2.63 lx	0.42	0.17

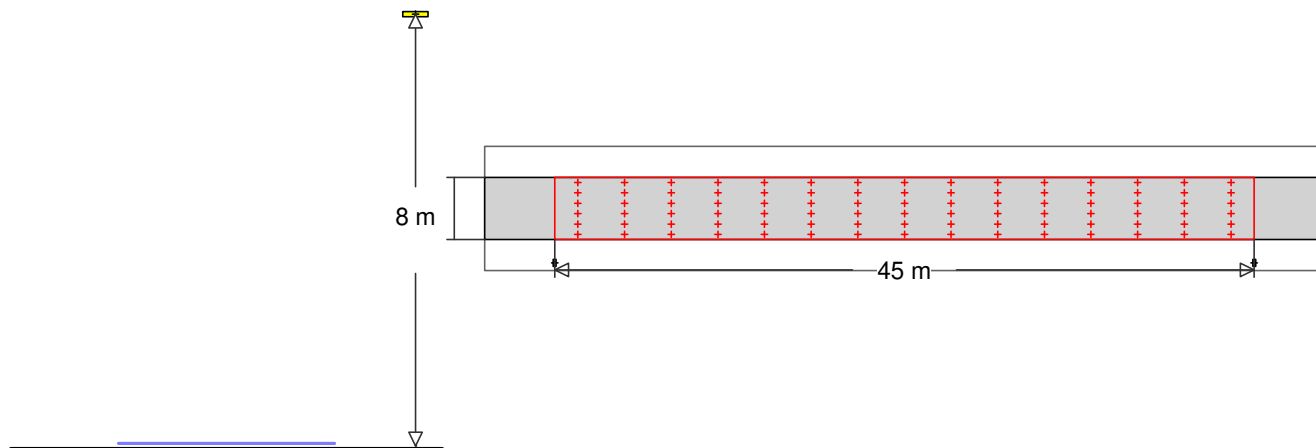
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



88 89. Sfatul Țării, Cetatea Albă

88.1 Summary, 89. Sfatul Țării, Cetatea Albă

88.1.1 Result overview, 89. Sfatul Țării, Cetatea Albă



LUG LIGHT FACTORY

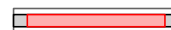
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 667 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 45m x 4m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.37 cd/m ²	0.50	0.50	9	0.77
1:(y=1.00)	0.34 cd/m ²	0.50	0.42	11	0.97
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 45m x 4m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
5.76 lx	1.42 lx	0.25	0.09

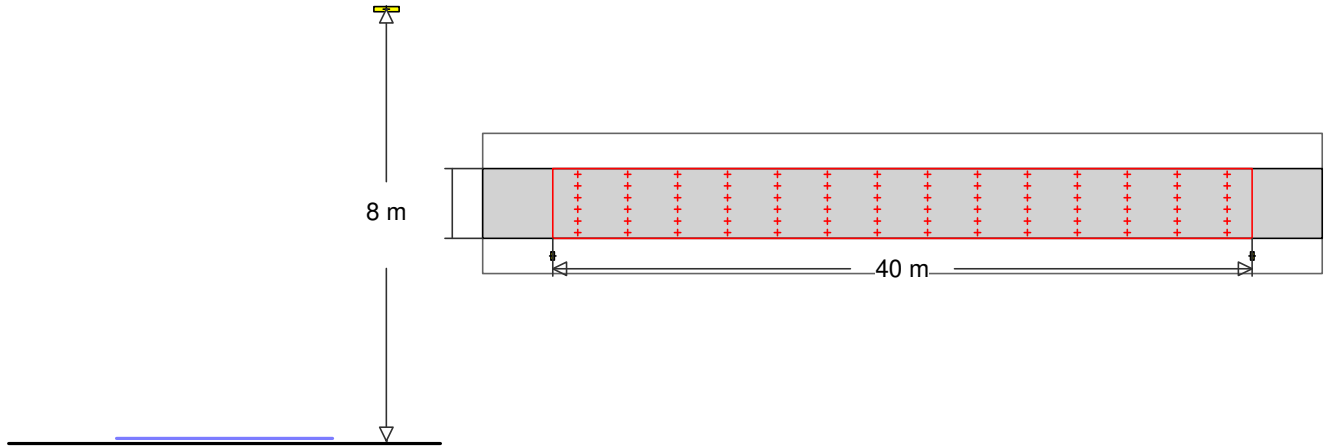
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



89 90. Toma Ciorbă

89.1 Summary, 90. Toma Ciorbă

89.1.1 Result overview, 90. Toma Ciorbă



LUG LIGHT FACTORY

2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 750 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 40m x 4m (14 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.44 cd/m ²	0.56	0.61	8	0.79
1:(y=1.00)	0.41 cd/m ²	0.55	0.56	10	0.93
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 40m x 4m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.65 lx	1.97 lx	0.30	0.13

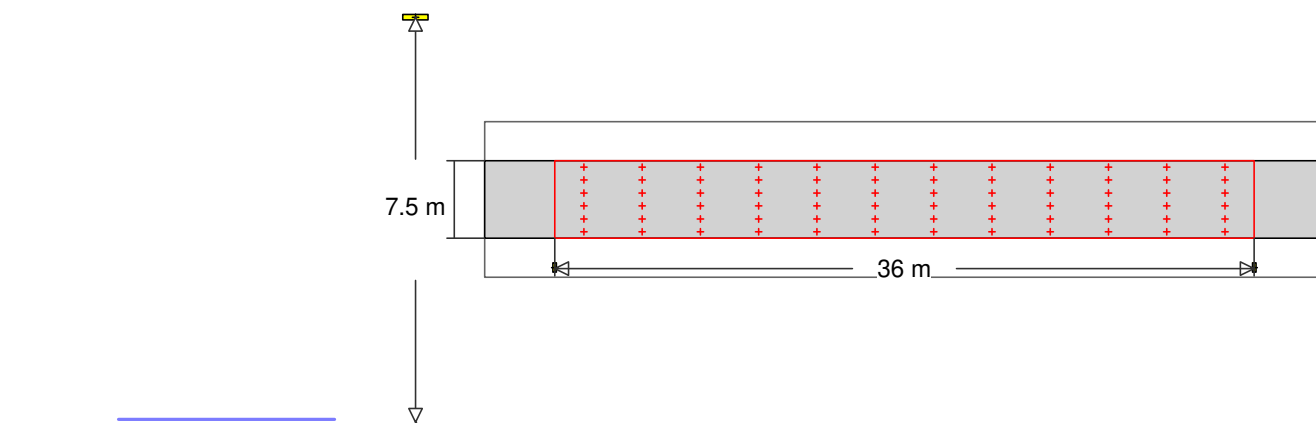
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



90 91. Călărași

90.1 Summary, 91. Călărași

90.1.1 Result overview, 91. Călărași



LUG LIGHT FACTORY

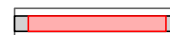
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 36.00 m	Height (phot.center)	: 7.50 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 833 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 36m x 4m (12 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.48 cd/m ²	0.55	0.67	8	0.74
1:(y=1.00)	0.44 cd/m ²	0.55	0.60	11	0.98
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 36m x 4m (12 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.55 lx	2.69 lx	0.36	0.16

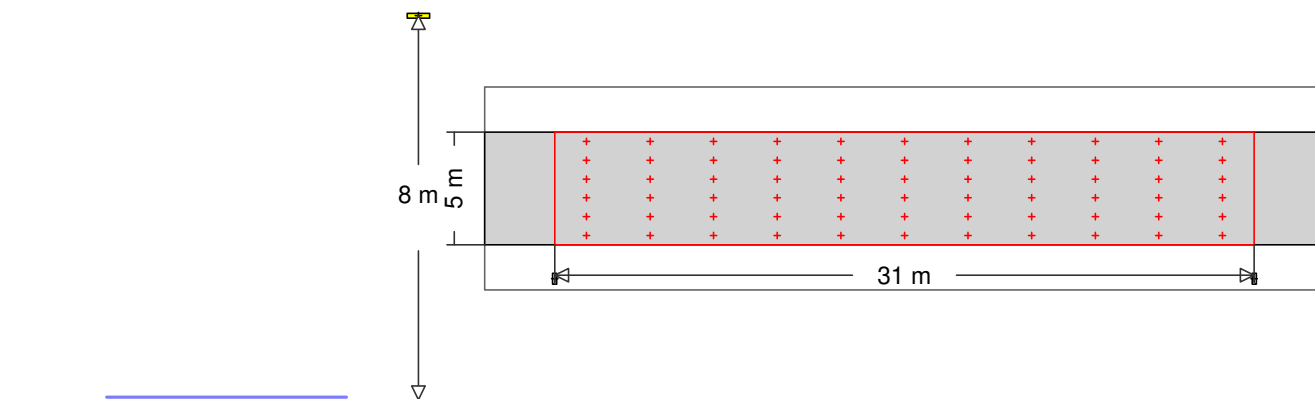
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



91 92. Doctor Petrea Cazacu

91.1 Summary, 92. Doctor Petrea Cazacu

91.1.1 Result overview, 92. Doctor Petrea Cazacu



LUG LIGHT FACTORY

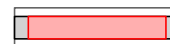
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 31.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 968 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 31m x 5m (11 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.51 cd/m ²	0.59	0.84	6	0.67
1:(y=1.25)	0.46 cd/m ²	0.60	0.78	9	0.97
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 31m x 5m (11 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.99 lx	3.98 lx	0.50	0.26

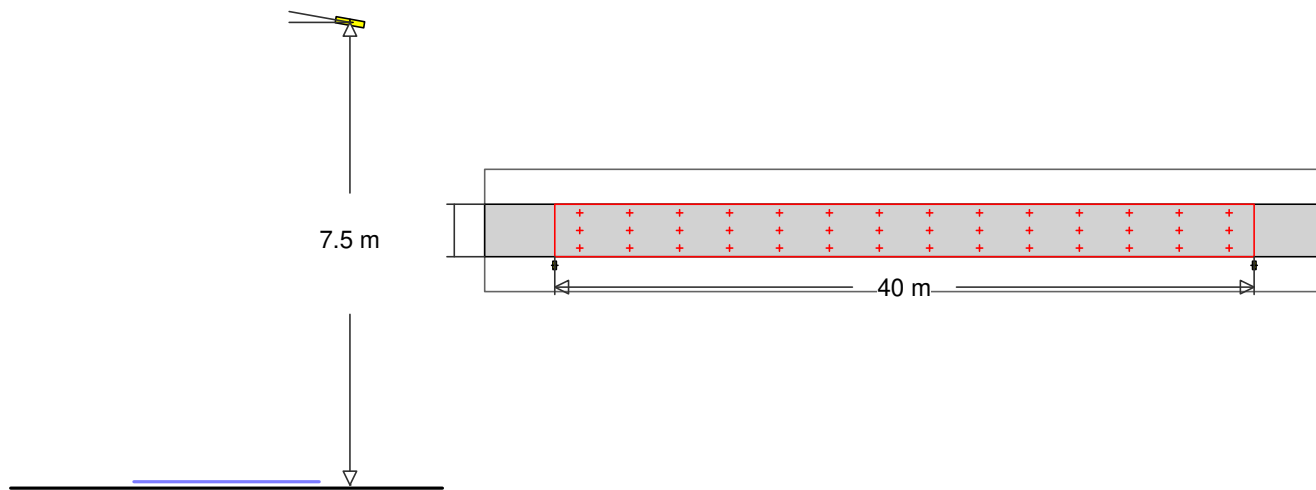
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



92 93. Gura Frumoasei

92.1 Summary, 93. Gura Frumoasei

92.1.1 Result overview, 93. Gura Frumoasei



LUG LIGHT FACTORY

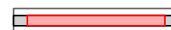
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot.center)	: 7.50 m
Overhang	: -0.50 m	Tilt	: 10.00 °
Abs. position	: -0.50 m	Glare index class	: D3
Load/km	: 750 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 3.00 m Lanes : 1
 Surface : R3, q0=0.07



Luminance

Calculation field: 40m x 3m (14 x 3 pts)

Observer

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
1:(y=1.50)	0.45 cd/m ²	0.57	0.46	9	0.78
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 40m x 3m (14 x 3 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.73 lx	1.50 lx	0.22	0.09

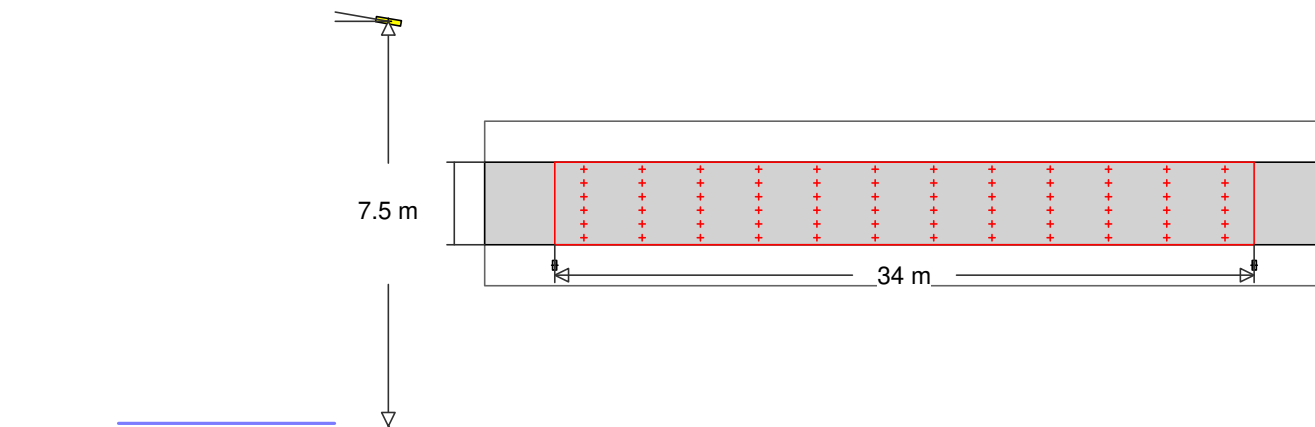
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



93 94. Maria Cebotari

93.1 Summary, 94. Maria Cebotari

93.1.1 Result overview, 94. Maria Cebotari



LUG LIGHT FACTORY

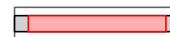
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 34.00 m	Height (phot. centre)	: 7.50 m
Overhang	: -1.00 m	Tilt	: 10.00 °
Abs. position	: -1.00 m	Glare index class	: D3
Load/km	: 882 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 34m x 4m (12 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.50 cd/m ²	0.60	0.66	8	0.82
1:(y=1.00)	0.46 cd/m ²	0.59	0.62	9	0.90
M6	≥ 0.30 cd/m ²	≥ 0.35	≥ 0.40	≤ 20	≥ 0.30

Illuminance

Calculation field: 34m x 4m (12 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.72 lx	2.53 lx	0.33	0.15

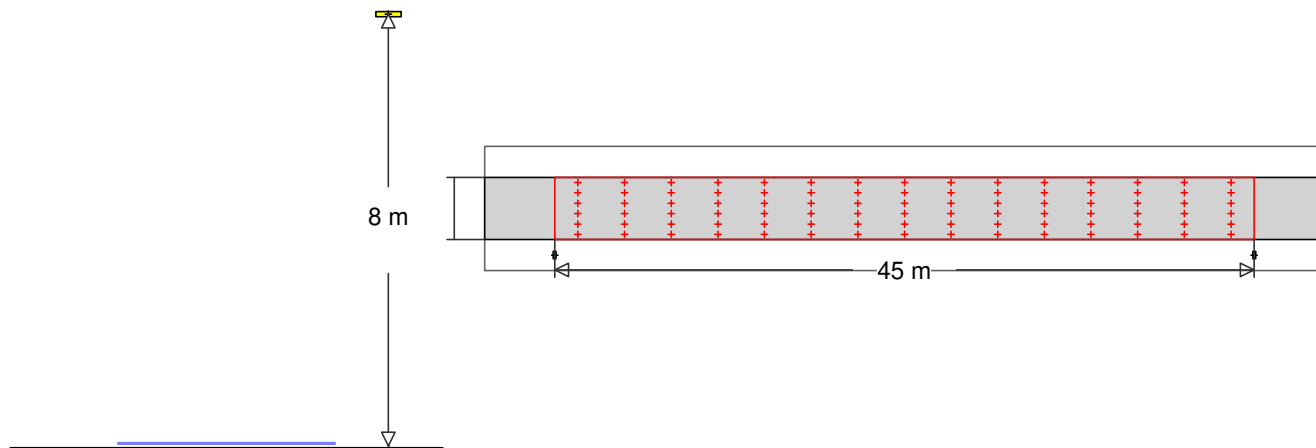
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



94 95. Mihail Solohov

94.1 Summary, 95. Mihail Solohov

94.1.1 Result overview, 95. Mihail Solohov



LUG LIGHT FACTORY

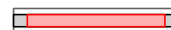
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 667 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 45m x 4m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.39 cd/m ²	0.50	0.48	9	0.79
1:(y=1.00)	0.37 cd/m ²	0.49	0.42	11	0.93
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 45m x 4m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
5.91 lx	1.35 lx	0.23	0.09

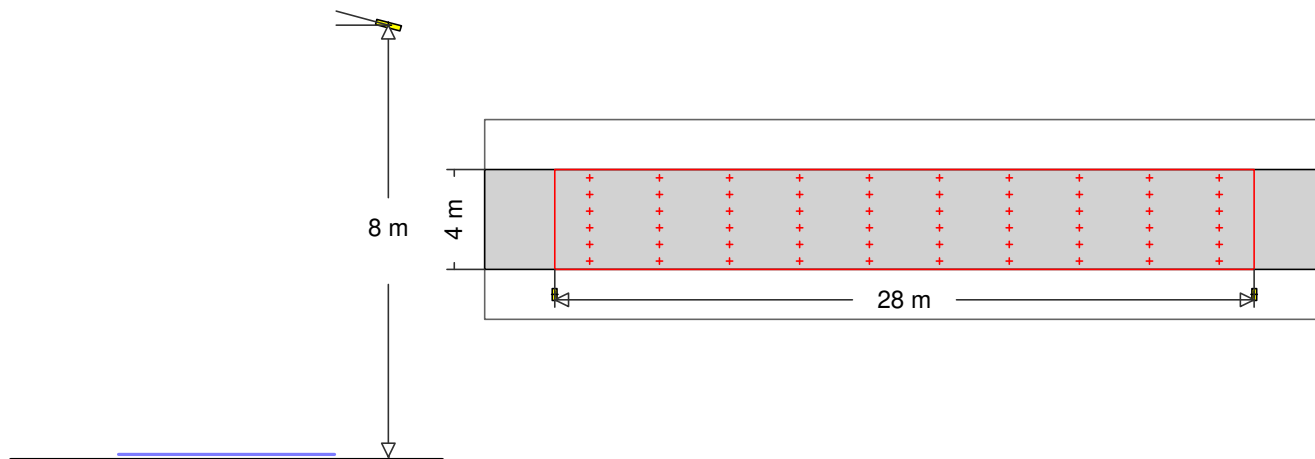
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



95 96. Mircești, 9 Mai

95.1 Summary, 96. Mircești, 9 Mai

95.1.1 Result overview, 96. Mircești, 9 Mai



LUG LIGHT FACTORY

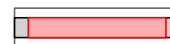
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 28.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 15.00 °
Abs. position	: -1.00 m	Glare index class	: D0
Load/km	: 1071 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 28m x 4m (10 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	R_{EI}
2:(y=3.00)	0.54 cd/m ²	0.70	0.79	7	0.86
1:(y=1.00)	0.50 cd/m ²	0.69	0.78	7	0.88
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 28m x 4m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
8.46 lx	4.02 lx	0.48	0.28

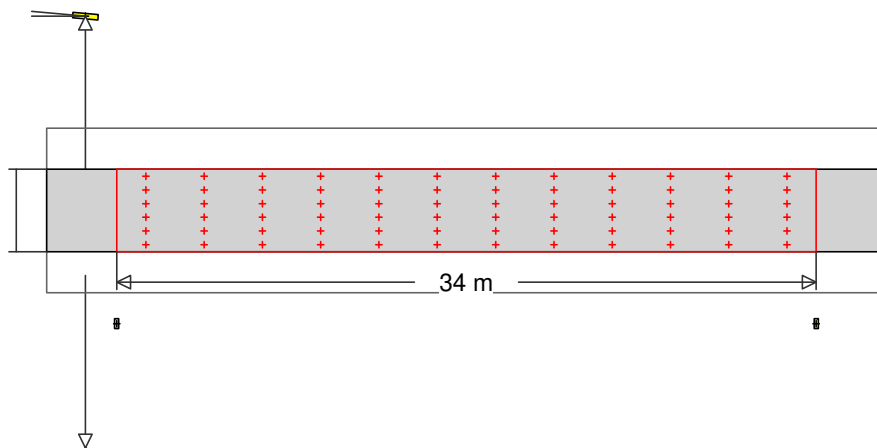
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



96 97. Unirii

96.1 Summary, 97. Unirii

96.1.1 Result overview, 97. Unirii



LUG LIGHT FACTORY

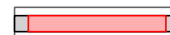
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 34.00 m	Height (phot centre)	: 8.00 m
Overhang	: -3.50 m	Tilt	: 5.00 °
Abs. position	: -3.50 m	Glare index class	: D4
Load/km	: 882 W/km	Lum. intensity class	: G*3
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 34m x 4m (12 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.46 cd/m ²	0.43	0.82	5	0.35
1:(y=1.00)	0.43 cd/m ²	0.44	0.71	11	1.20
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 34m x 4m (12 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
8.15 lx	3.24 lx	0.40	0.17

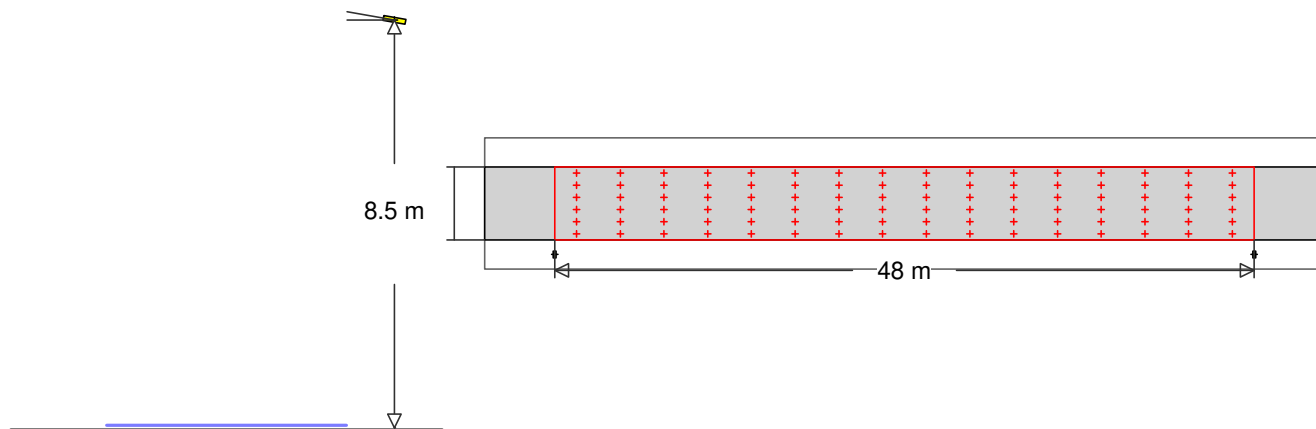
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



97 98. Valea Rece

97.1 Summary, 98. Valea Rece

97.1.1 Result overview, 98. Valea Rece



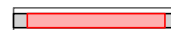
LUG Light Factory
 5 Order No. : 130782.7L122.140.017
 Luminaire name : URBINO LED S ED D4i 4000lm/740 O14 gray II kl. mod. 017
 Equipment : 1 x LED 26 W / 4000 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 48.00 m	Height (phot.center)	: 8.50 m
Overhang	: -1.00 m	Tilt	: 10.00 °
Abs. position	: -1.00 m	Glare index class	: D3
Load/km	: 542 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 48m x 5m (16 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.37 cd/m ²	0.55	0.64	11	0.80
1:(y=1.25)	0.33 cd/m ²	0.55	0.60	13	0.77
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 48m x 5m (16 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
4.84 lx	1.43 lx	0.29	0.12

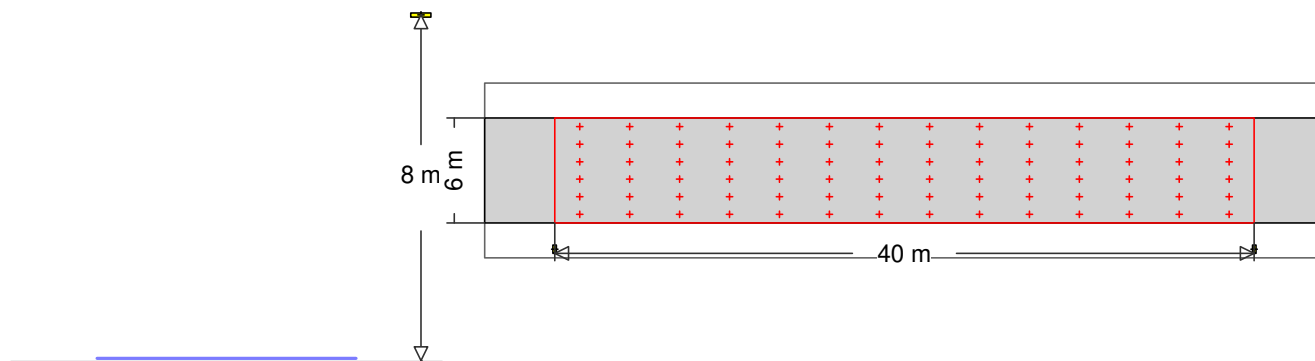
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



98 99. Eroilor

98.1 Summary, 99. Eroilor

98.1.1 Result overview, 99. Eroilor



LUG LIGHT FACTORY

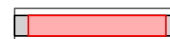
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot. centre)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 750 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 40m x 6m (14 x 6 pts)

Observer

2 : x=-60.00m, y=4.50m, z=1.50m

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.50)	0.37 cd/m ²	0.47	0.70	7	0.56
1:(y=1.50)	0.34 cd/m ²	0.48	0.58	11	0.96
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 40m x 6m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
5.88 lx	2.10 lx	0.36	0.14

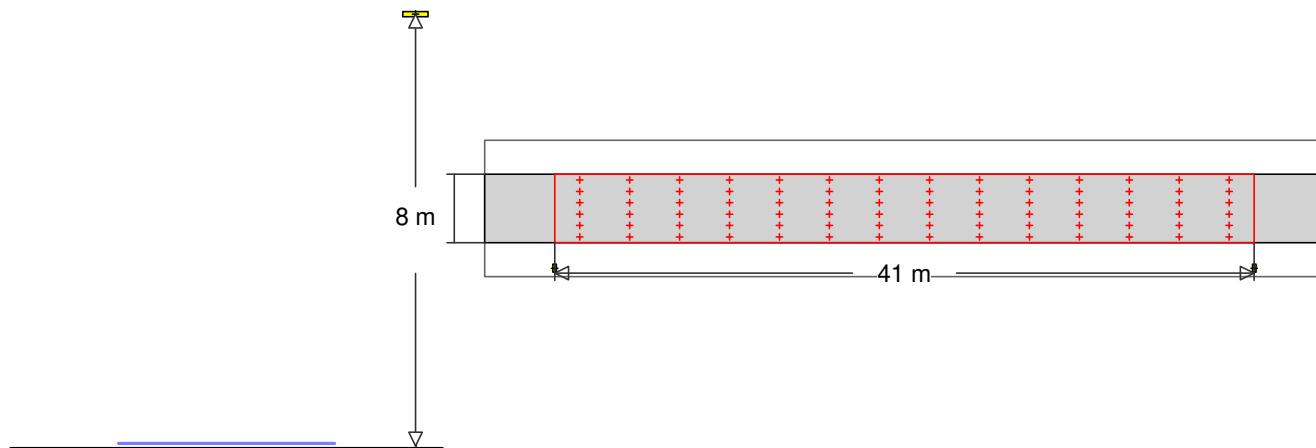
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



99 100. Fratii Jderi, Ilie Repin

99.1 Summary, 100. Fratii Jderi, Ilie Repin

99.1.1 Result overview, 100. Fratii Jderi, Ilie Repin



LUG LIGHT FACTORY

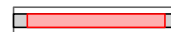
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 41.00 m	Height (phot centre)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 732 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 41m x 4m (14 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.40 cd/m ²	0.55	0.60	9	0.77
1:(y=1.00)	0.38 cd/m ²	0.54	0.53	10	0.97
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 41m x 4m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.32 lx	1.93 lx	0.31	0.13

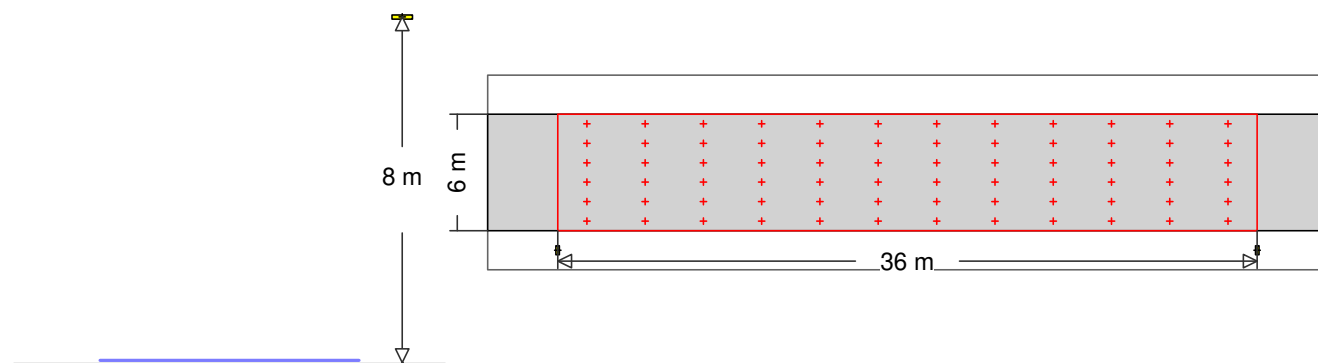
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



100 101. Ovidiu

100.1 Summary, 101. Ovidiu

100.1.1 Result overview, 101. Ovidiu



LUG LIGHT FACTORY

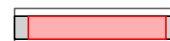
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 36.00 m	Height (phot centre)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 0.00 °
Abs. position	: -1.00 m	Glare index class	: D6
Load/km	: 833 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 36m x 6m (12 x 6 pts)

Observer

2 : x=-60.00m, y=4.50m, z=1.50m

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.50)	0.44 cd/m ²	0.50	0.75	7	0.59
1:(y=1.50)	0.40 cd/m ²	0.51	0.66	10	0.90
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 36m x 6m (12 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.80 lx	2.70 lx	0.40	0.17

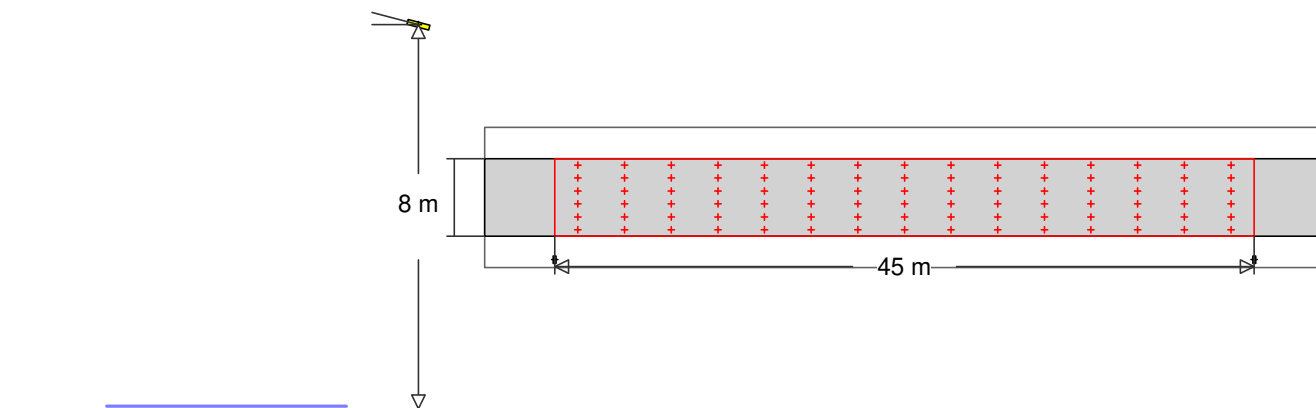
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



101 102. Piotr Rumeantev

101.1 Summary, 102. Piotr Rumeantev

101.1.1 Result overview, 102. Piotr Rumeantev



LUG LIGHT FACTORY

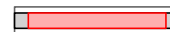
1
 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot centre)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 15.00 °
Abs. position	: -1.50 m	Glare index class	: D3
Load/km	: 667 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 45m x 5m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.75)	0.50 cd/m ²	0.47	0.49	10	0.66
1:(y=1.25)	0.46 cd/m ²	0.47	0.40	14	0.55
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 45m x 5m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.74 lx	2.45 lx	0.32	0.13

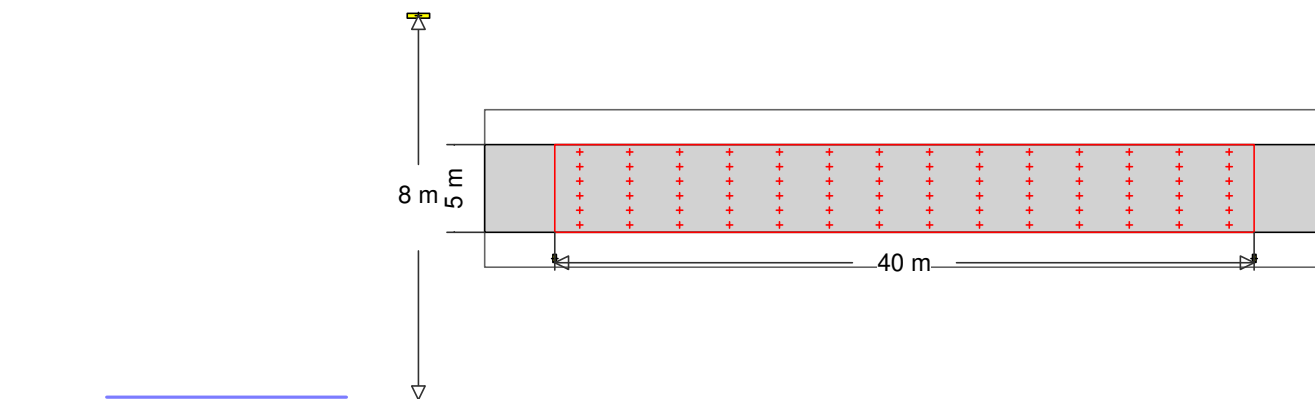
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



102 103. sos. Prieteniei, Florilor, Noua, Sportivă, Livezilor, Prieteniei

102.1 Summary, 103. sos. Prieteniei, Florilor, Noua, Sportivă, Livezilor, Prieteniei

102.1.1 Result overview, 103. sos. Prieteniei, Florilor, Noua, Sportivă, Livezilor, Prieteniei



LUG LIGHT FACTORY

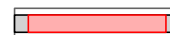
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 750 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 5.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 40m x 5m (14 x 6 pts)

Observer

2 : x=-60.00m, y=3.75m, z=1.50m

1 : x=-60.00m, y=1.25m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	R_{EI}
2:(y=3.75)	0.39 cd/m ²	0.51	0.66	8	0.67
1:(y=1.25)	0.36 cd/m ²	0.51	0.57	11	0.97
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 40m x 5m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.20 lx	2.09 lx	0.34	0.14

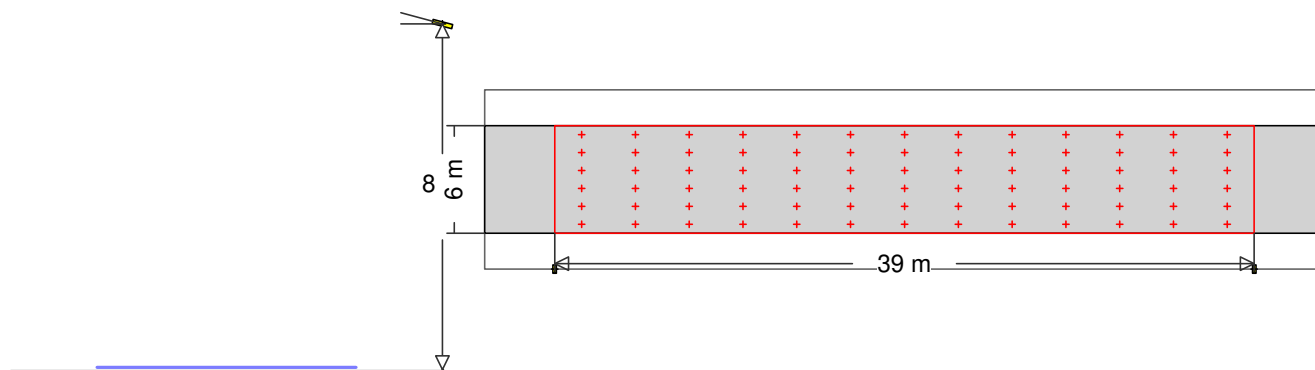
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



103 104. Teodor Nencev

103.1 Summary, 104. Teodor Nencev

103.1.1 Result overview, 104. Teodor Nencev



LUG LIGHT FACTORY

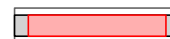
1 Order No. : 130782.7L122.110.049
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049
 Equipment : 1 x LED 4000K 30 W / 4300 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 39.00 m	Height (phot.center)	: 8.00 m
Overhang	: -2.00 m	Tilt	: 15.00 °
Abs. position	: -2.00 m	Glare index class	: D3
Load/km	: 769 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 6.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 39m x 6m (13 x 6 pts)

Observer

2 : x=-60.00m, y=4.50m, z=1.50m

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=4.50)	0.51 cd/m ²	0.49	0.75	8	0.48
1:(y=1.50)	0.47 cd/m ²	0.51	0.58	13	0.62
M6	≥ 0.30 cd/m ²	≥ 0.35	≥ 0.40	≤ 20	≥ 0.30

Illuminance

Calculation field: 39m x 6m (13 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
8.28 lx	3.52 lx	0.42	0.19

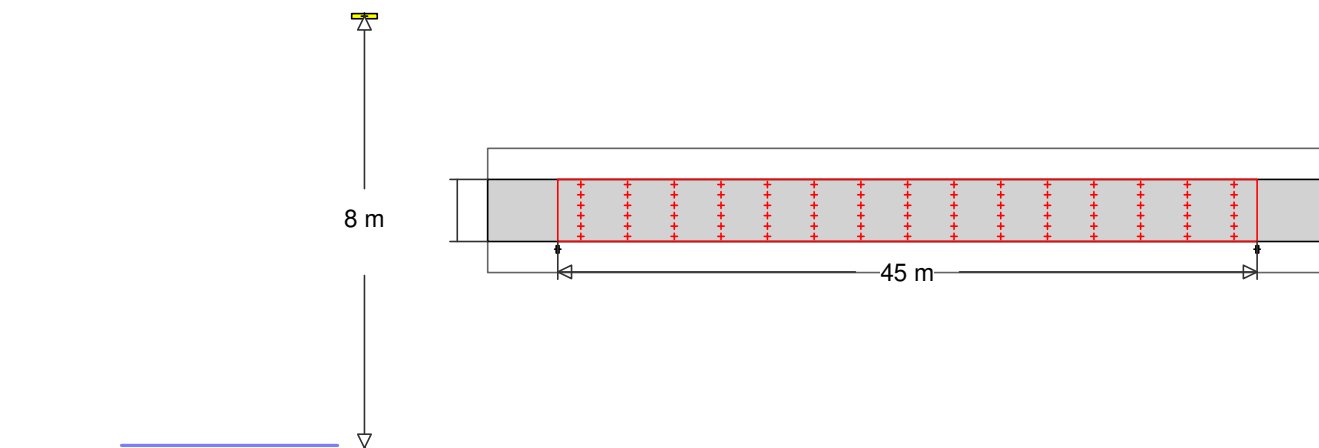
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



104 105. Trandafirilor, Barbu Lăutaru

104.1 Summary, 105. Trandafirilor, Barbu Lăutaru

104.1.1 Result overview, 105. Trandafirilor, Barbu Lăutaru



LUG LIGHT FACTORY

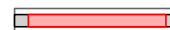
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot centre)	: 8.00 m
Overhang	: -0.50 m	Tilt	: 0.00 °
Abs. position	: -0.50 m	Glare index class	: D6
Load/km	: 667 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 45m x 4m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.41 cd/m ²	0.50	0.46	9	0.82
1:(y=1.00)	0.39 cd/m ²	0.48	0.40	10	0.89
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 45m x 4m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
6.01 lx	1.27 lx	0.21	0.08

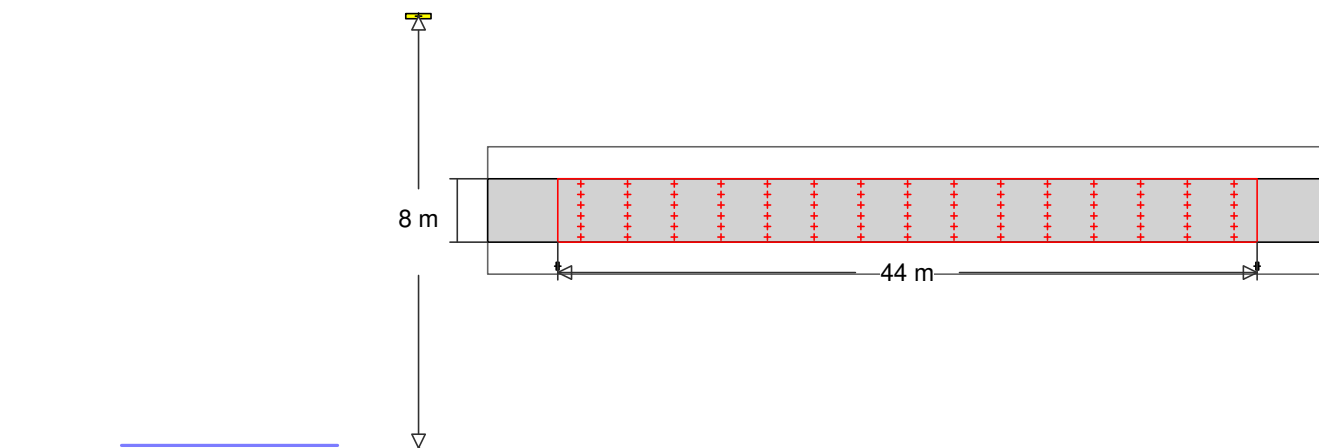
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



105 106. Vasile Lupu, Dragos Vodă

105.1 Summary, 106. Vasile Lupu, Dragos Vodă

105.1.1 Result overview, 106. Vasile Lupu, Dragos Vodă



LUG LIGHT FACTORY

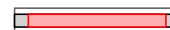
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 44.00 m	Height (phot. centre)	: 8.00 m
Overhang	: -1.50 m	Tilt	: 0.00 °
Abs. position	: -1.50 m	Glare index class	: D6
Load/km	: 682 W/km	Lum. intensity class	: G*4
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 44m x 4m (15 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.38 cd/m ²	0.52	0.53	9	0.77
1:(y=1.00)	0.35 cd/m ²	0.51	0.45	11	0.97
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 44m x 4m (15 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
5.89 lx	1.53 lx	0.26	0.10

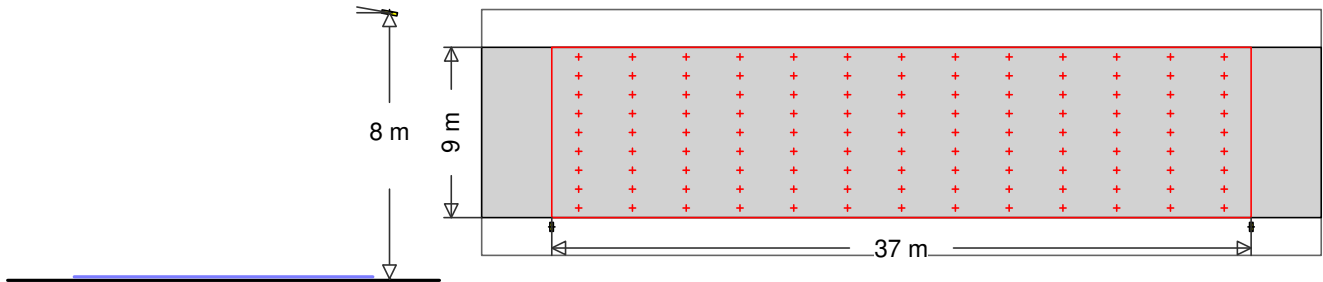
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



106 107. Dunării

106.1 Summary, 107. Dunării

106.1.1 Result overview, 107. Dunării



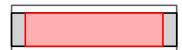
LUG Light Factory
 6 Order No. : 130782.7L122.120.005
 Luminaire name : URBINO LED S ED D4i 5650lm/740 O12 gray II kl. mod. 005
 Equipment : 1 x LED 39.5 W / 5650 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 37.00 m	Height (phot.center)	: 8.00 m
Overhang	: -0.50 m	Tilt	: 10.00 °
Abs. position	: -0.50 m	Glare index class	: D3
Load/km	: 1068 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 9.00 m Lanes : 3
 Surface : R3, q0=0.07



Luminance

Calculation field: 37m x 9m (13 x 9 pts)

Observer

3 : x=-60.00m, y=7.50m, z=1.50m
 2 : x=-60.00m, y=4.50m, z=1.50m
 1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
3:(y=7.50)	0.60 cd/m ²	0.49	0.82	7	0.52
2:(y=4.50)	0.56 cd/m ²	0.52	0.74	12	
1:(y=1.50)	0.52 cd/m ²	0.55	0.52	14	0.38
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 37m x 9m (13 x 9 pts)

\bar{E}_m	E_{min}	U_o	U_d
9.25 lx	3.18 lx	0.34	0.16

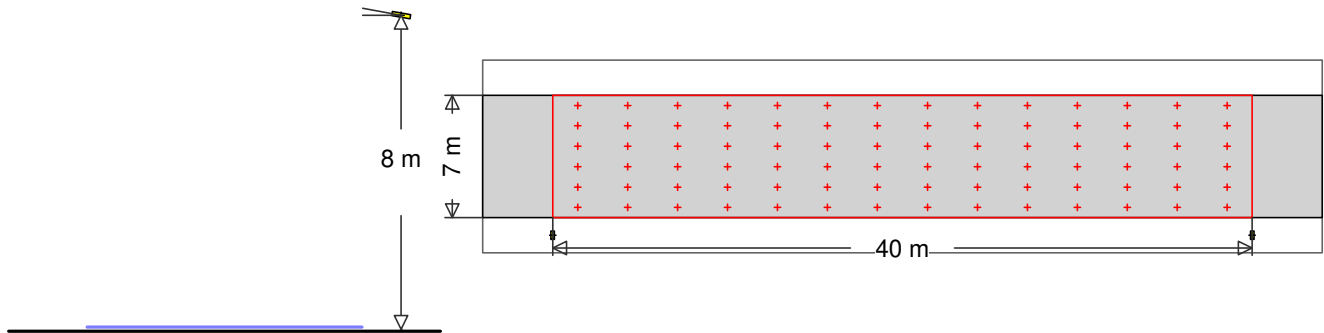
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



107 108. Griviței

107.1 Summary, 108. Griviței

107.1.1 Result overview, 108. Griviței



LUG LIGHT FACTORY

4 Order No. : 130782.7L122.110.050
 Luminaire name : URBINO LED S ED D4i 5600lm/740 O11 gray II kl. mod. 050
 Equipment : 1 x LED 4000K 39 W / 5600 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 10.00 °
Abs. position	: -1.00 m	Glare index class	: D3
Load/km	: 975 W/km	Lum. intensity class	: G*1
Upward light ratio (ULR)	: 0.00		

Droga

Width : 7.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 40m x 7m (14 x 6 pts)

Observer

2 : x=-60.00m, y=5.25m, z=1.50m

1 : x=-60.00m, y=1.75m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=5.25)	0.70 cd/m ²	0.39	0.73	7	0.30
1:(y=1.75)	0.63 cd/m ²	0.40	0.50	13	0.48
M5	>= 0.50 cd/m ²	>= 0.35	>= 0.40	<= 15	>= 0.30

Illuminance

Calculation field: 40m x 7m (14 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
10.6 lx	3.77 lx	0.36	0.15

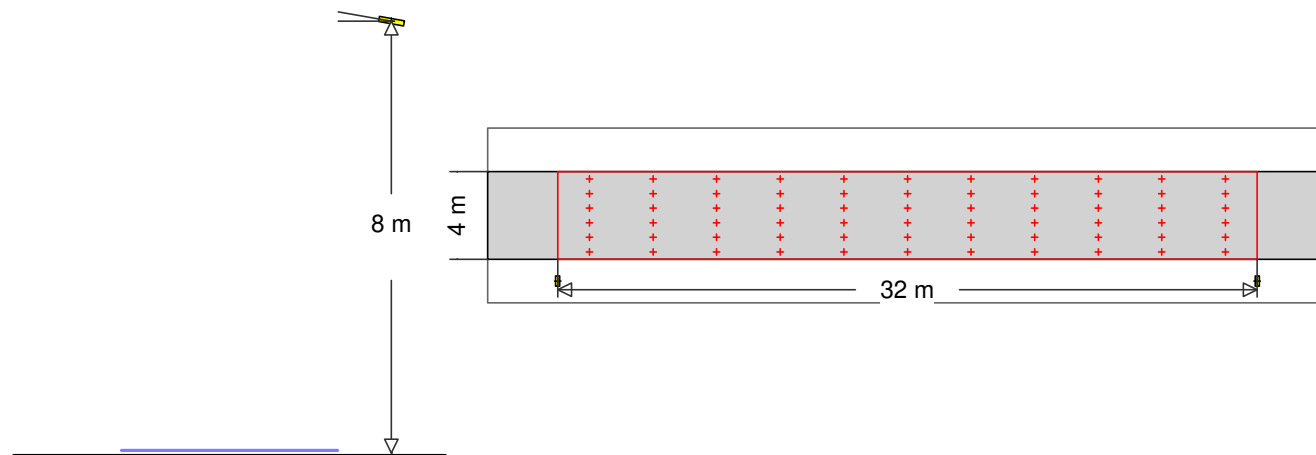
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



108 109. Mănăstirea Căpriana, Bujor, Constituției, Sadoveanu, Lupan

108.1 Summary, 109. Mănăstirea Căpriana, Bujor, Constituției, Sadoveanu, Lupan

108.1.1 Result overview, 109. Mănăstirea Căpriana, Bujor, Constituției, Sadoveanu, Lupan



LUG LIGHT FACTORY

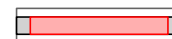
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 32.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 10.00 °
Abs. position	: -1.00 m	Glare index class	: D3
Load/km	: 938 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 32m x 4m (11 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	R_{EI}
2:(y=3.00)	0.50 cd/m ²	0.66	0.73	7	0.85
1:(y=1.00)	0.47 cd/m ²	0.65	0.73	8	0.90
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 32m x 4m (11 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.75 lx	2.99 lx	0.39	0.20

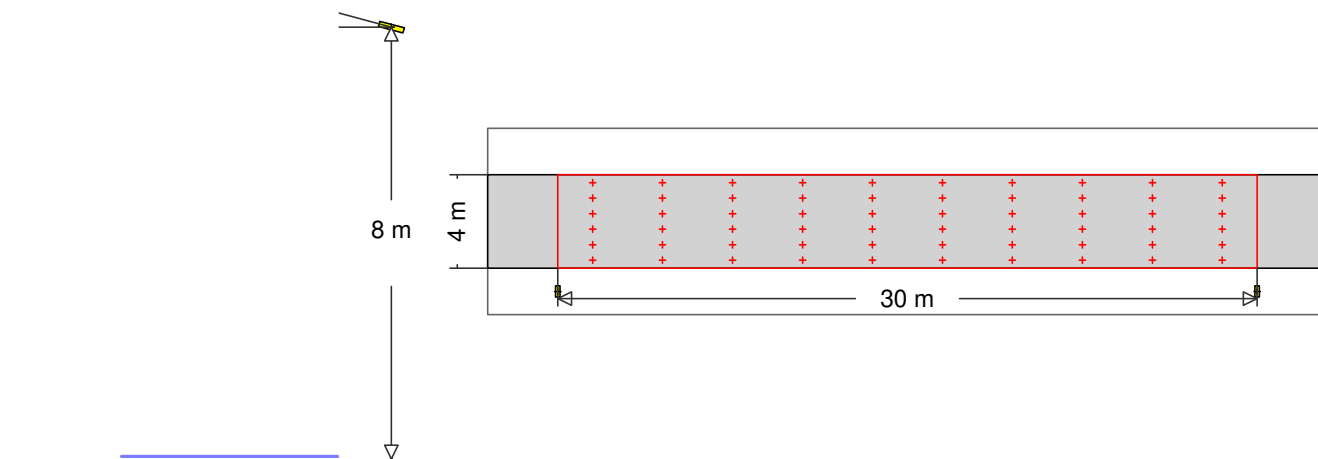
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



109 110. Mărțișorului

109.1 Summary, 110. Mărțișorului

109.1.1 Result overview, 110. Mărțișorului



LUG LIGHT FACTORY

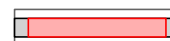
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 30.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 15.00 °
Abs. position	: -1.00 m	Glare index class	: D0
Load/km	: 1000 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 4.00 m Lanes : 2
 Surface : R3, q0=0.07



Luminance

Calculation field: 30m x 4m (10 x 6 pts)

Observer

2 : x=-60.00m, y=3.00m, z=1.50m

1 : x=-60.00m, y=1.00m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
2:(y=3.00)	0.50 cd/m ²	0.67	0.74	7	0.86
1:(y=1.00)	0.47 cd/m ²	0.68	0.75	7	0.88
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

Illuminance

Calculation field: 30m x 4m (10 x 6 pts)

\bar{E}_m	E_{min}	U_o	U_d
7.90 lx	3.39 lx	0.43	0.24

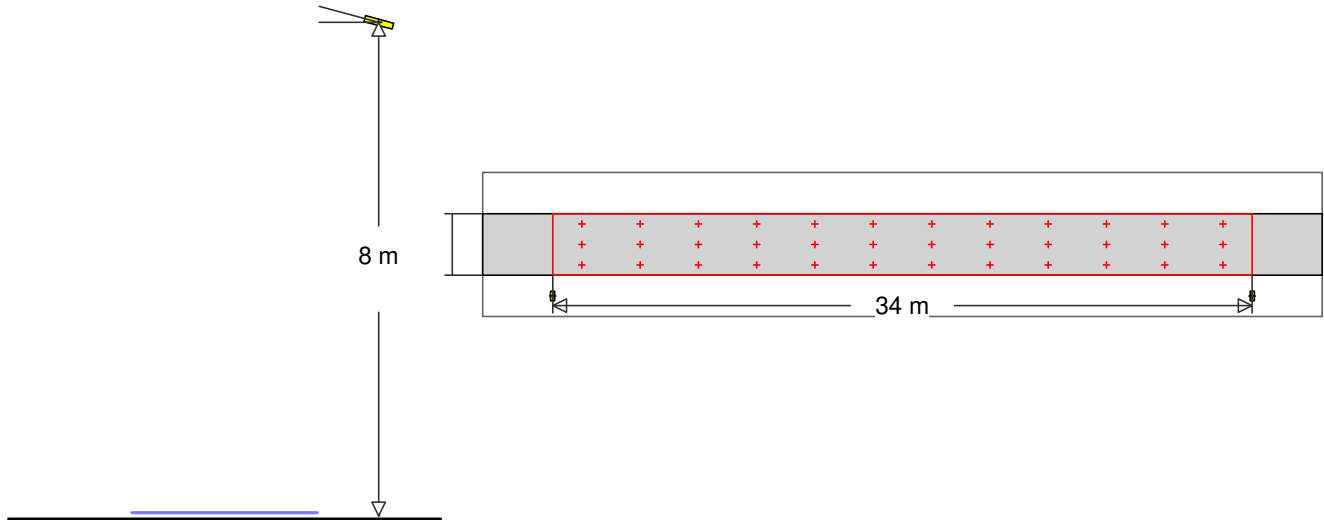
Object : Cahul
 Installation :
 Project number : S-A34MD0-24112666
 Date : 14.03.2024



110 111. Vlad Ţepeş

110.1 Summary, 111. Vlad Ţepeş

110.1.1 Result overview, 111. Vlad Ţepeş



LUG LIGHT FACTORY

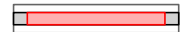
2 Order No. : 130782.7L122.130.006
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006
 Equipment : 1 x LED 4000K 30 W / 4250 lm

MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 34.00 m	Height (phot.center)	: 8.00 m
Overhang	: -1.00 m	Tilt	: 15.00 °
Abs. position	: -1.00 m	Glare index class	: D0
Load/km	: 882 W/km	Lum. intensity class	: n/a
Upward light ratio (ULR)	: 0.00		

Droga

Width : 3.00 m Lanes : 1
 Surface : R3, q0=0.07



Luminance

Calculation field: 34m x 3m (12 x 3 pts)

Observer

1 : x=-60.00m, y=1.50m, z=1.50m

Lane	\bar{L}_m	U_o	U_l	f_{TI}	REI
1:(y=1.50)	0.45 cd/m ²	0.68	0.65	7	0.82
M6	>= 0.30 cd/m ²	>= 0.35	>= 0.40	<= 20	>= 0.30

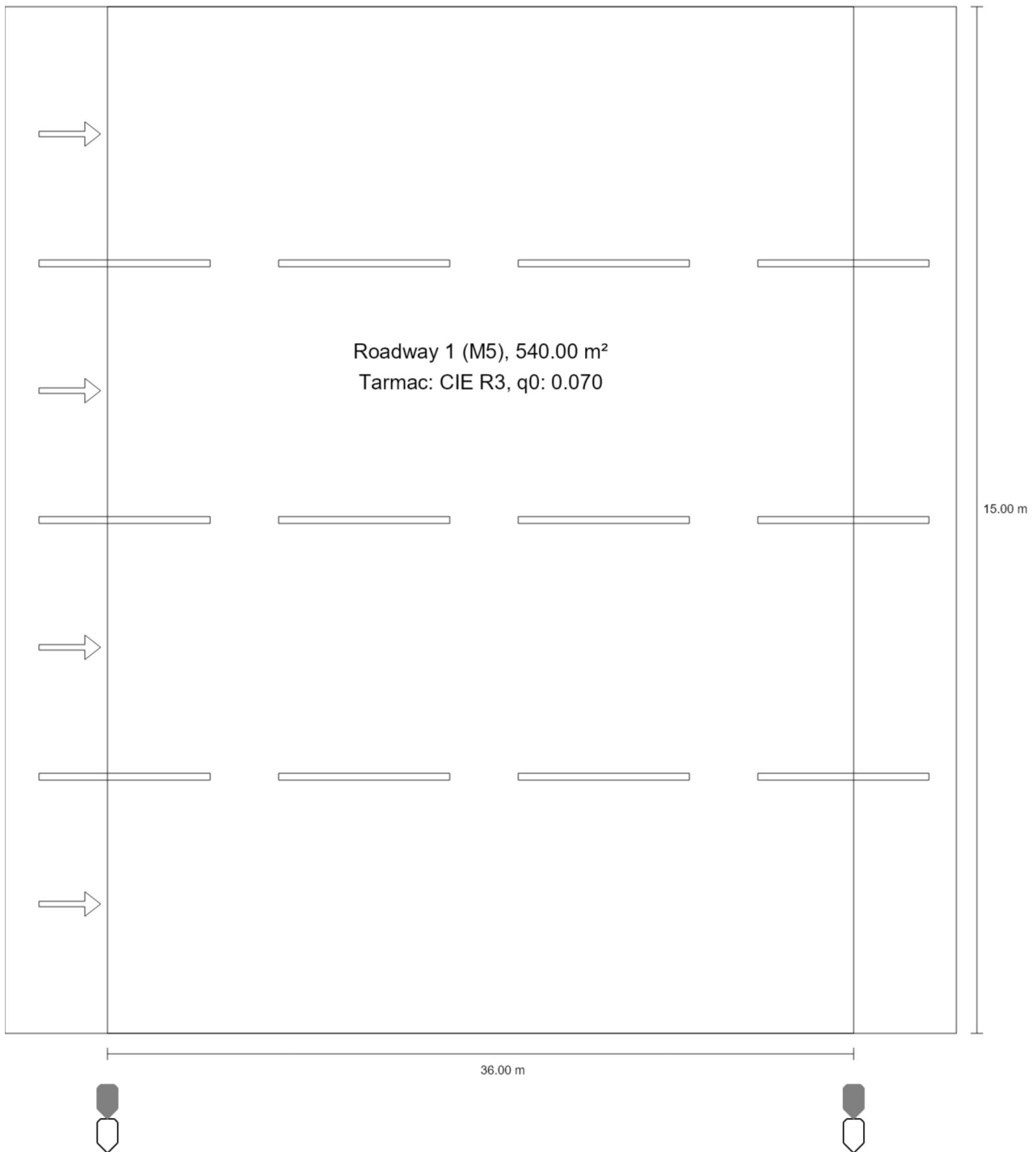
Illuminance

Calculation field: 34m x 3m (12 x 3 pts)

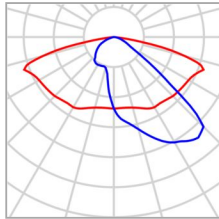
\bar{E}_m	E_{min}	U_o	U_d
7.08 lx	2.46 lx	0.35	0.18

20. Ivan Spirin · Alternative 1

Summary (according to EN 13201:2015)



20. Ivan Spirin · Alternative 1

Summary (according to EN 13201:2015)

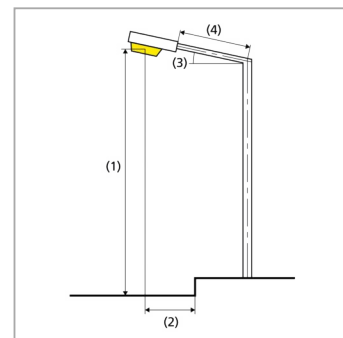
Manufacturer	LUG Light Factory	P	59.5 W
Article No.	130222.7L782.681.00 2	Φ_{Lamp}	9300 lm
Article name	URBINO LED ED D4i 9300lm/740 O92 gray II kl. mod. 002	$\Phi_{\text{Luminaire}}$	9299 lm
Fitting	1x LED	η	99.99 %

20. Ivan Spirin · Alternative 1

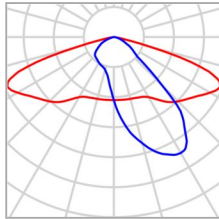
Summary (according to EN 13201:2015)

URBINO LED ED D4i 9300lm/740 O92 gray II kl. mod. 002 (single side bottom)

Pole distance	36.000 m
(1) Light spot height	9.500 m
(2) Light point overhang	-1.000 m
(3) Boom inclination	15.0°
(4) Boom length	0.000 m
Annual operating hours	4000 h: 100.0 %, 59.5 W
Wattage / route	1666.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	$\geq 70^\circ$: 516 cd/klm $\geq 80^\circ$: 419 cd/klm $\geq 90^\circ$: 24.6 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	-
Glare index class	D.3
MF	0.85



20. Ivan Spirin · Alternative 1

Summary (according to EN 13201:2015)

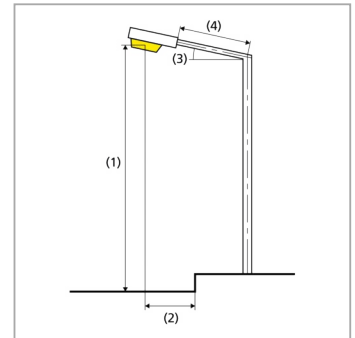
Manufacturer	LUG Light Factory	P	39.5 W
Article No.	130782.7L122.120.00 5	Φ_{Lamp}	5650 lm
Article name	URBINO LED S ED D4i 5650lm/740 O12 gray II kl. mod. 005	$\Phi_{\text{Luminaire}}$	5649 lm
Fitting	1x LED	η	99.98 %

20. Ivan Spirin · Alternative 1

Summary (according to EN 13201:2015)

URBINO LED S ED D4i 5650lm/740 O12 gray II kl. mod. 005 (single side bottom)

Pole distance	36.000 m
(1) Light spot height	9.000 m
(2) Light point overhang	-1.500 m
(3) Boom inclination	15.0°
(4) Boom length	0.000 m
Annual operating hours	4000 h: 100.0 %, 39.5 W
Wattage / route	1106.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	$\geq 70^\circ$: 677 cd/klm $\geq 80^\circ$: 393 cd/klm $\geq 90^\circ$: 17.0 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	-
Glare index class	D.5
MF	0.85



20. Ivan Spirin · Alternative 1

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.85 was used for calculating for the installation.

	Symbol	Calculated	Target	Check
Roadway 1 (M5)	L_{av}	0.86 cd/m ²	≥ 0.50 cd/m ²	✓
	U_o	0.35	≥ 0.35	✓
	U_l	0.82	≥ 0.40	✓
	TI	15 %	≤ 15 %	✓
	R_{EI}	0.45	≥ 0.30	✓

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
20. Ivan Spirin	D_p	0.005 W/lx* m ²	-
URBINO LED ED D4i 9300lm/740 O92 gray II kl. mod. 002 (single side bottom)	D_e	0.4 kWh/m ² yr	238.0 kWh/yr
URBINO LED S ED D4i 5650lm/740 O12 gray II kl. mod. 005 (single side bottom)	D_e	0.3 kWh/m ² yr	158.0 kWh/yr

EN 13201:2015-5 does not include the case for planning with multiple luminaire arrangements. The calculation of the output values is done therefore only for the luminaire arrangement whose pole distance determines the length of the valuation fields.