

# 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.

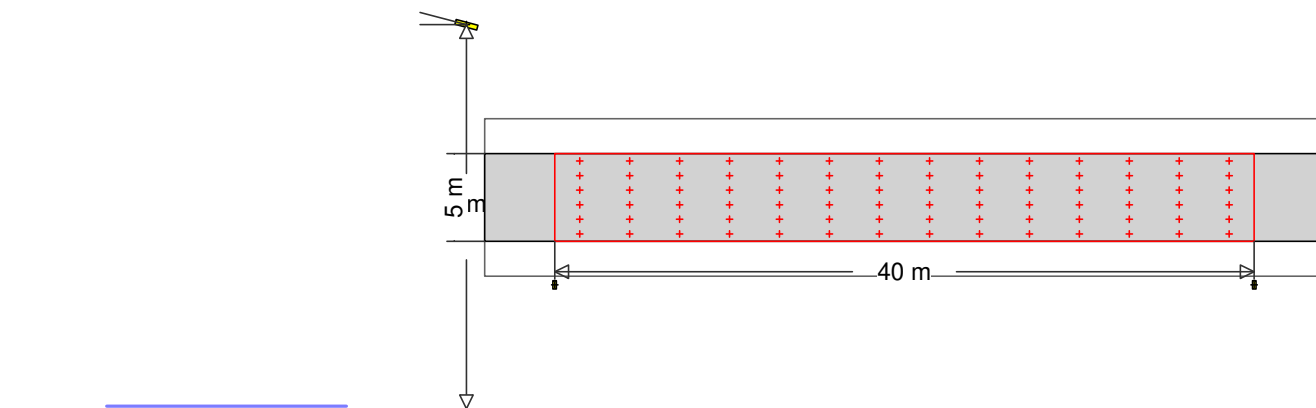
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



# 1 1. Alexandru Lipcan

## 1.1 Summary, 1. Alexandru Lipcan

### 1.1.1 Result overview, 1. Alexandru Lipcan



#### LUG LIGHT FACTORY

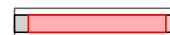
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot.center)	: 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 <sup>2</sup>	0.54	0.70	8	0.58
1:(y=1.25)	0.45 cd/m <sup>2</sup>	0.55	0.57	13	0.80
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

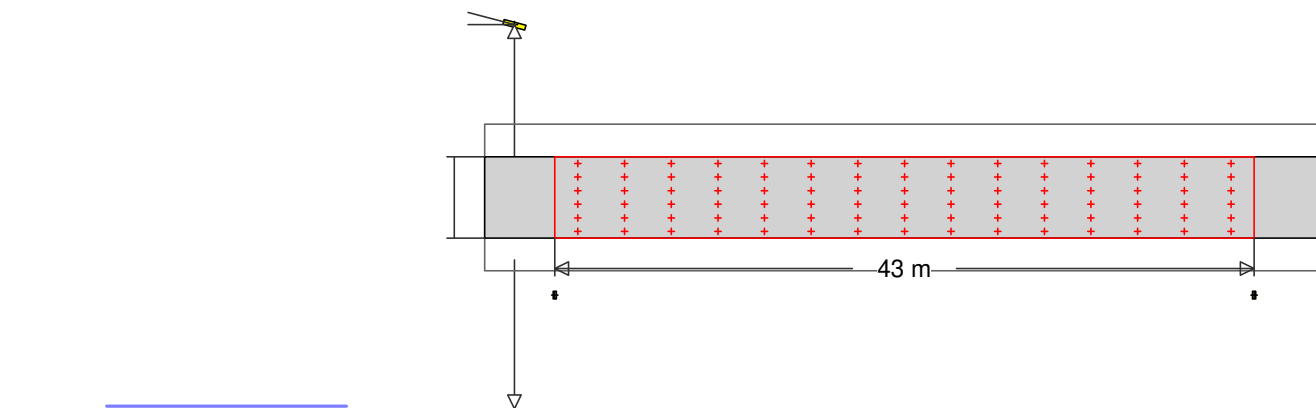
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 2. Dorobantilor

### 2.1 Summary, 2. Dorobantilor

#### 2.1.1 Result overview, 2. Dorobantilor



#### LUG LIGHT FACTORY

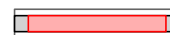
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### 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 <sup>2</sup>	0.51	0.71	8	0.50
1:(y=1.25)	0.36 cd/m <sup>2</sup>	0.52	0.52	14	1.01
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

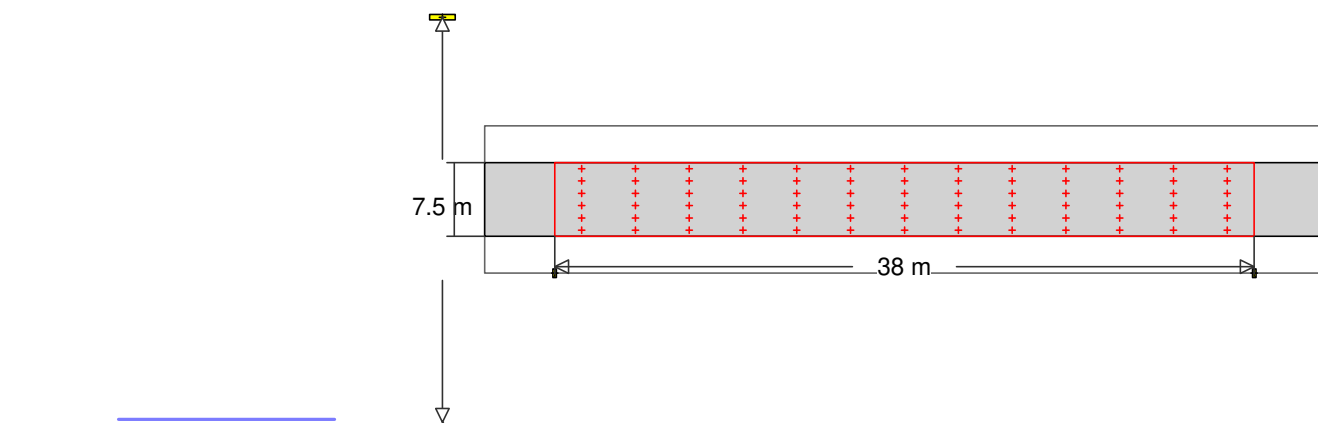
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



### 3. Gheorghe Cosbus

#### 3.1 Summary, 3. Gheorghe Cosbus

##### 3.1.1 Result overview, 3. Gheorghe Cosbus



#### LUG LIGHT FACTORY

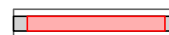
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.54	0.64	8	0.71
1:(y=1.00)	0.39 cd/m <sup>2</sup>	0.53	0.57	12	1.03
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

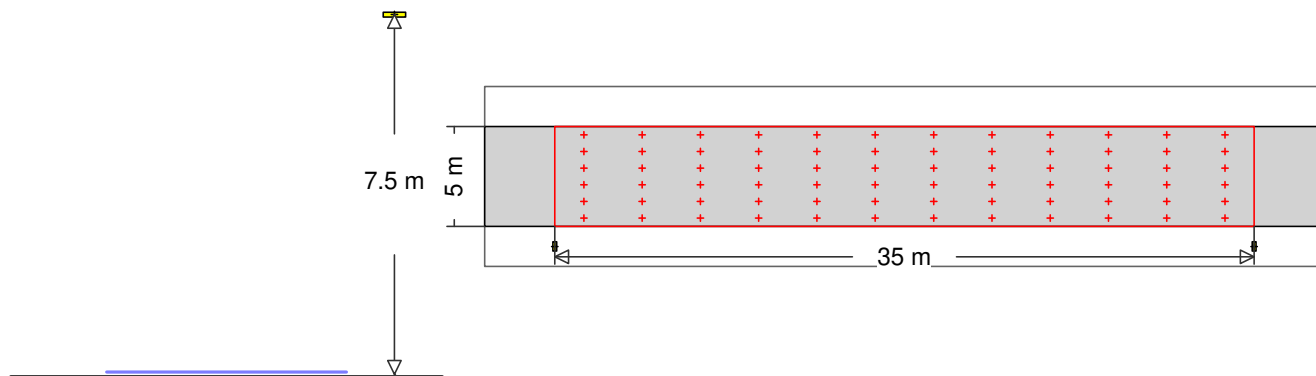
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

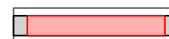
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.52	0.70	8	0.65
1:(y=1.25)	0.46 cd/m <sup>2</sup>	0.52	0.63	11	0.92
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

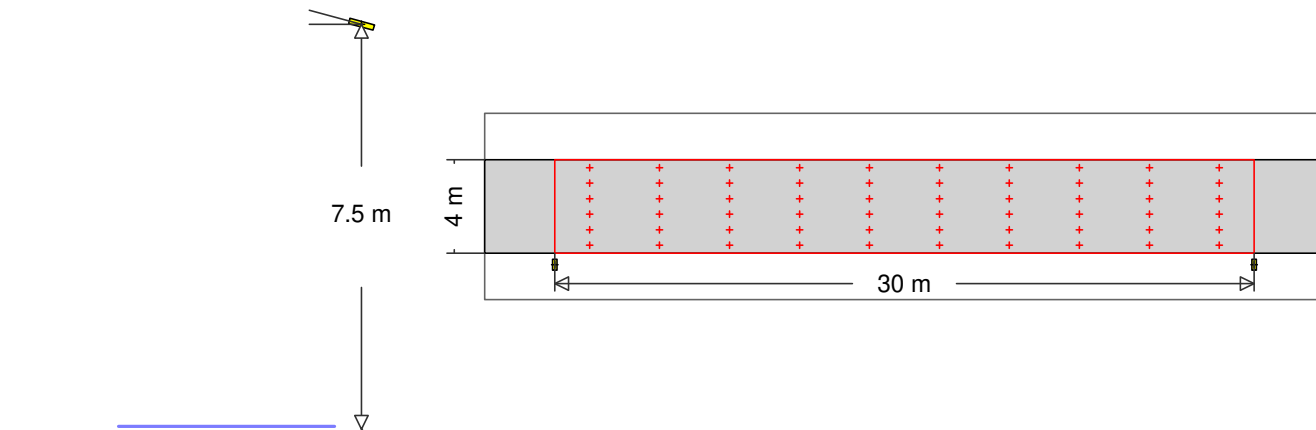
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 5 5. Manastirii

### 5.1 Summary, 5. Manastirii

#### 5.1.1 Result overview, 5. Manastirii



#### LUG LIGHT FACTORY

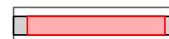
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.66	0.69	8	0.86
1:(y=1.00)	0.51 cd/m <sup>2</sup>	0.65	0.71	7	0.83
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

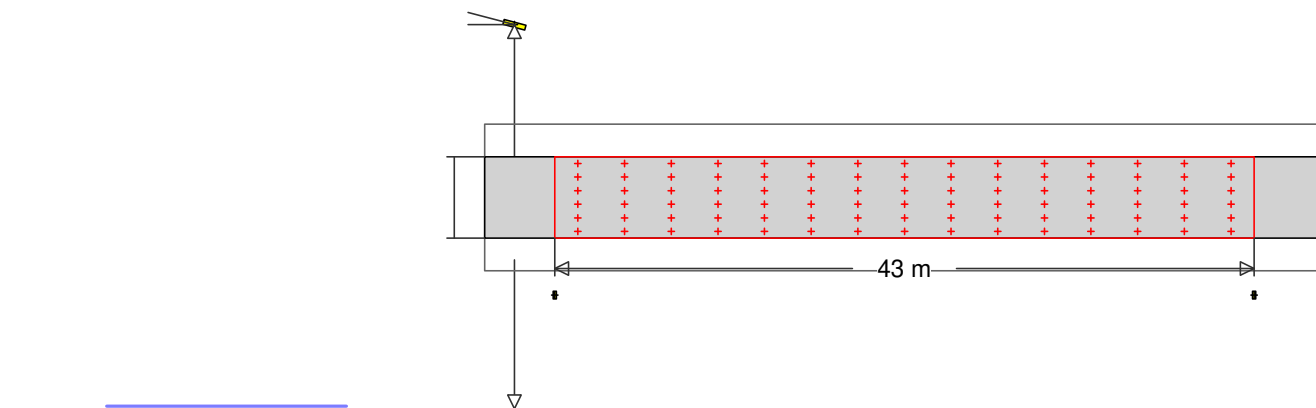
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 6. Mihail Kogalniceanu

### 6.1 Summary, 6. Mihail Kogalniceanu

#### 6.1.1 Result overview, 6. Mihail Kogalniceanu



#### LUG LIGHT FACTORY

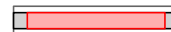
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### 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 <sup>2</sup>	0.51	0.71	8	0.50
1:(y=1.25)	0.36 cd/m <sup>2</sup>	0.52	0.52	14	1.01
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

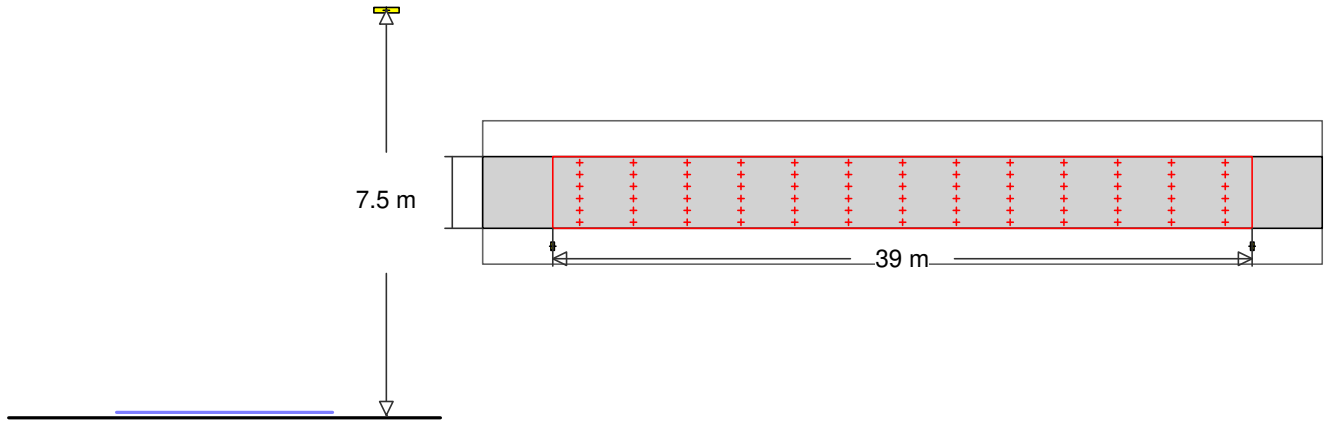
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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 <sup>2</sup>	0.53	0.59	9	0.76
1:(y=1.00)	0.44 cd/m <sup>2</sup>	0.52	0.51	11	0.93
M6	>= 0.30 cd/m <sup>2</sup>	>= 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



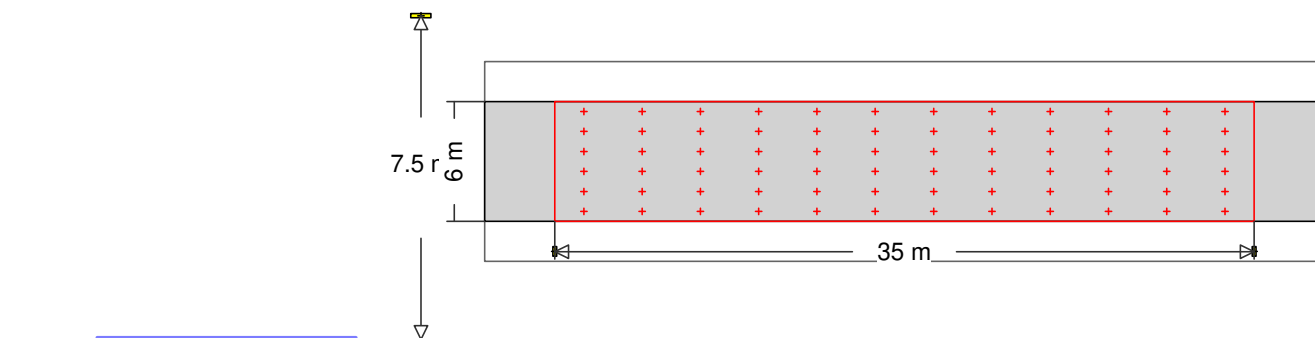
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 8 8. Profesor Dimitriu

### 8.1 Summary, 8. Profesor Dimitriu

#### 8.1.1 Result overview, 8. Profesor Dimitriu



#### LUG LIGHT FACTORY

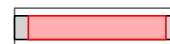
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.47	0.77	7	0.51
1:(y=1.50)	0.39 cd/m <sup>2</sup>	0.49	0.65	12	0.97
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

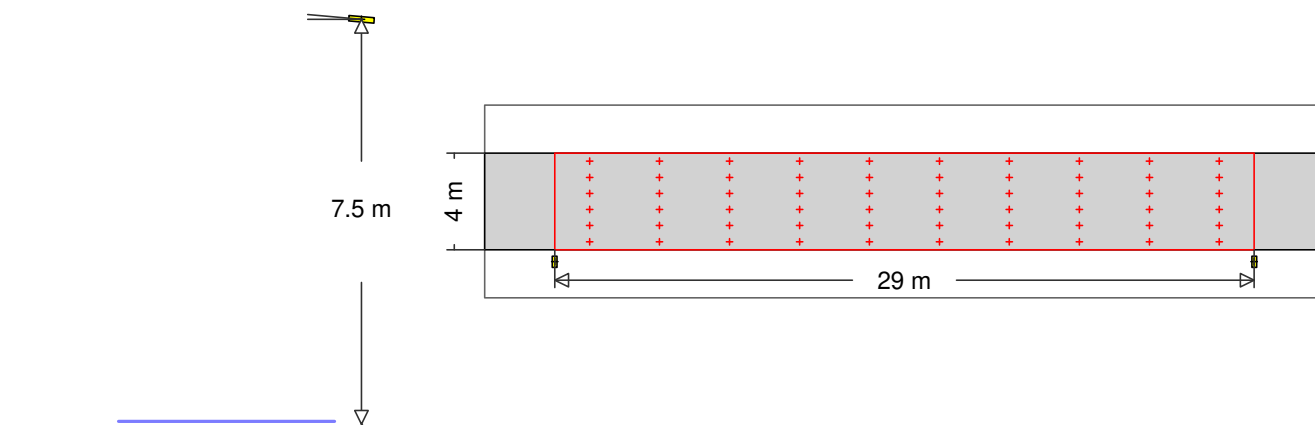
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

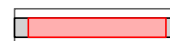
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.66	0.76	8	0.82
1:(y=1.00)	0.60 cd/m <sup>2</sup>	0.65	0.77	8	0.87
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

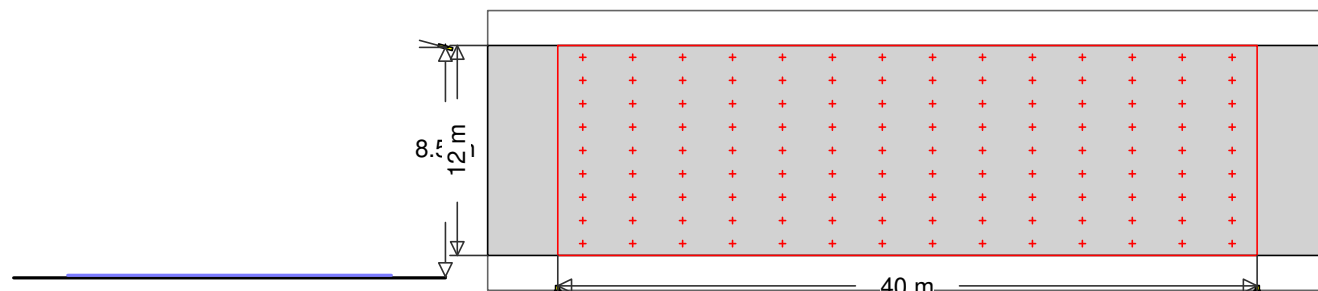
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 10 10. Sos. Scheia

### 10.1 Summary, 10. Sos. Scheia

#### 10.1.1 Result overview, 10. Sos. Scheia



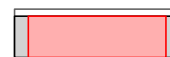
**LUG Light Factory**  
 3 Order No. : 130222.7L782.681.002  
 Luminaire name : URBINO LED ED D4i 9300lm/740 O92 gray II kl. mod. 002  
 Equipment : 1 x LED 59.5 W / 9300 lm

#### 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 <sup>2</sup>	0.40	0.74	5	0.58
2:(y=6.00)	0.57 cd/m <sup>2</sup>	0.42	0.69	10	
1:(y=2.00)	0.51 cd/m <sup>2</sup>	0.45	0.64	15	0.56
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

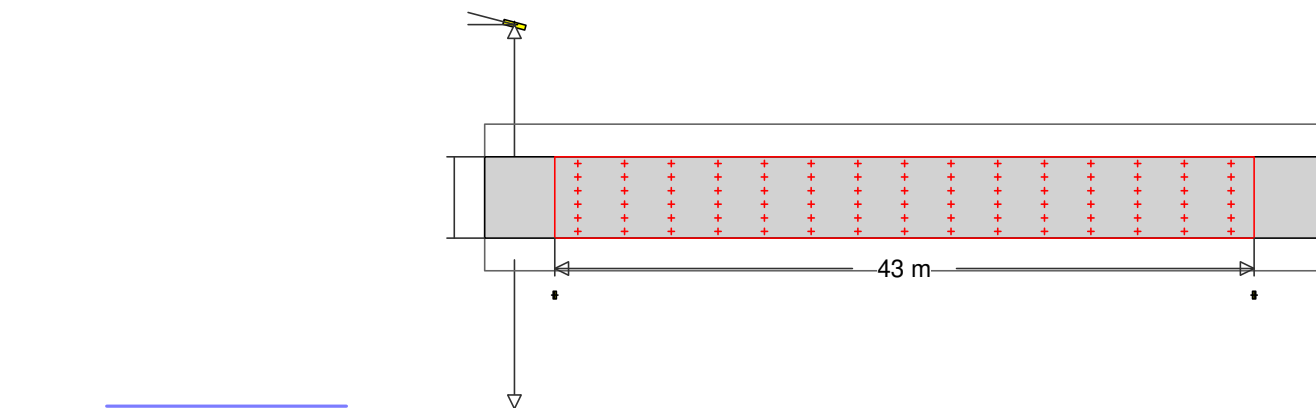
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 11 11. Visinilor

### 11.1 Summary, 11. Visinilor

#### 11.1.1 Result overview, 11. Visinilor



#### LUG LIGHT FACTORY

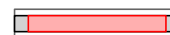
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### 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 <sup>2</sup>	0.51	0.71	8	0.50
1:(y=1.25)	0.36 cd/m <sup>2</sup>	0.52	0.52	14	1.01
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

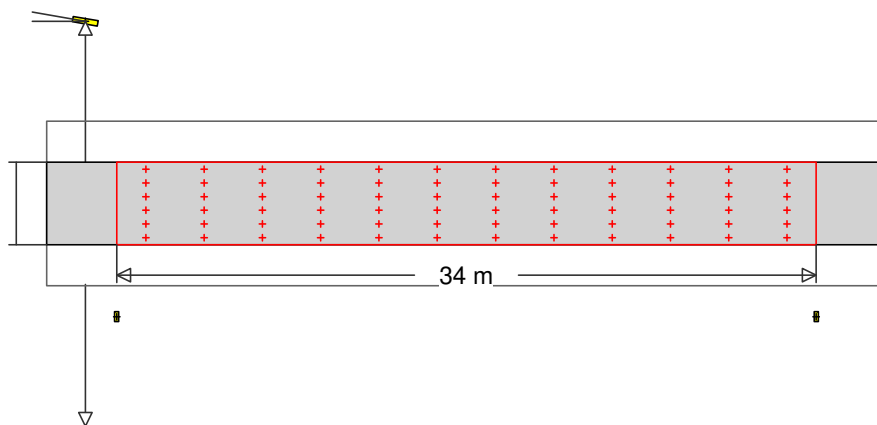
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 12 12. Visinilor Aux.

### 12.1 Summary, 12. Visinilor Aux.

#### 12.1.1 Result overview, 12. Visinilor Aux.



#### LUG LIGHT FACTORY

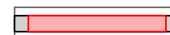
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 34.00 m	Height (phot centre)	: 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 <sup>2</sup>	0.51	0.83	6	0.44
1:(y=1.00)	0.47 cd/m <sup>2</sup>	0.53	0.69	12	1.14
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

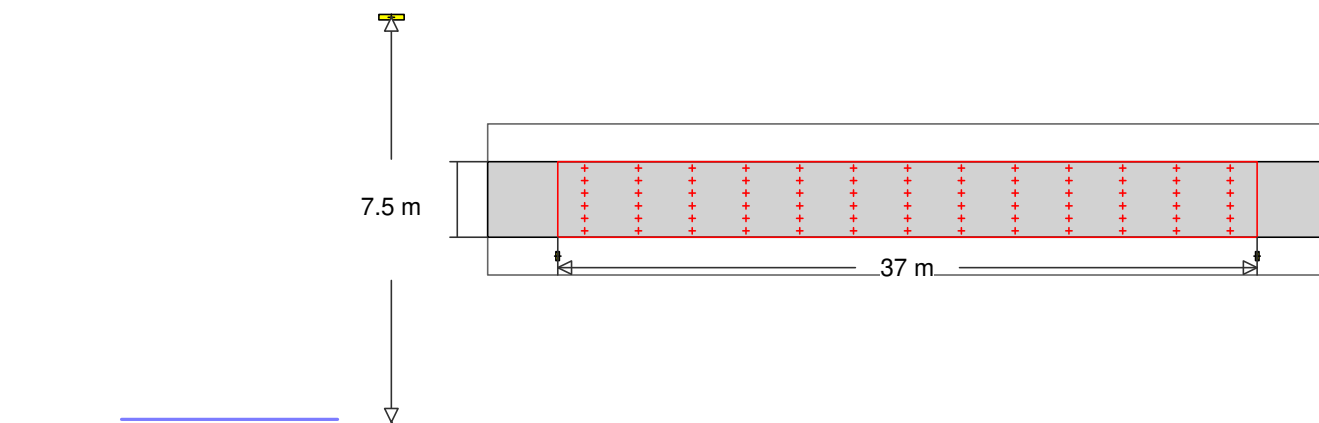
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 13 13. Ziuia Europei

### 13.1 Summary, 13. Ziuia Europei

#### 13.1.1 Result overview, 13. Ziuia Europei



#### LUG LIGHT FACTORY

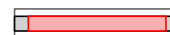
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.55	0.63	9	0.76
1:(y=1.00)	0.46 cd/m <sup>2</sup>	0.54	0.58	10	0.93
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

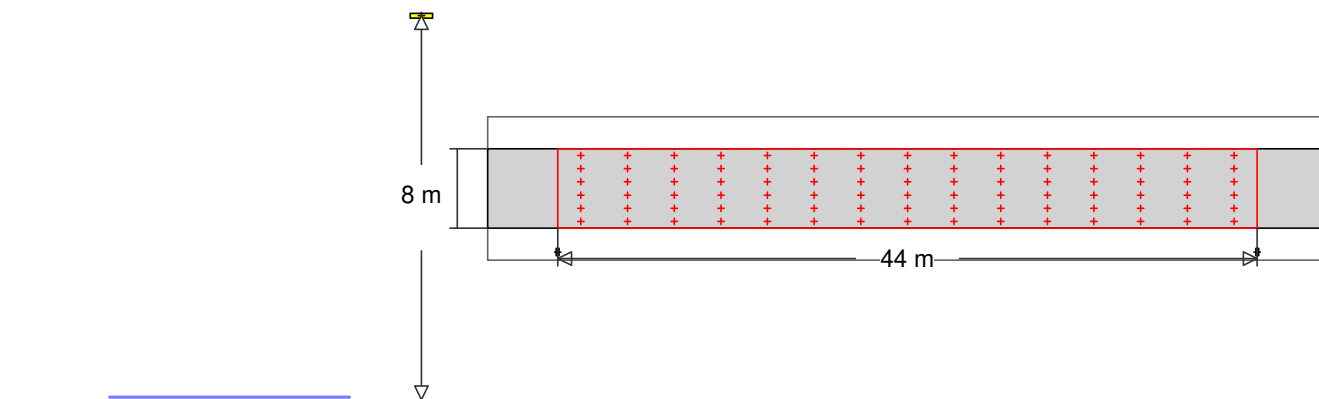
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 14.14. Constatin Stamati

### 14.1 Summary, 14. Constatin Stamati

#### 14.1.1 Result overview, 14. Constatin Stamati



#### LUG LIGHT FACTORY

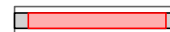
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.48	0.57	8	0.66
1:(y=1.25)	0.33 cd/m <sup>2</sup>	0.47	0.46	12	0.97
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

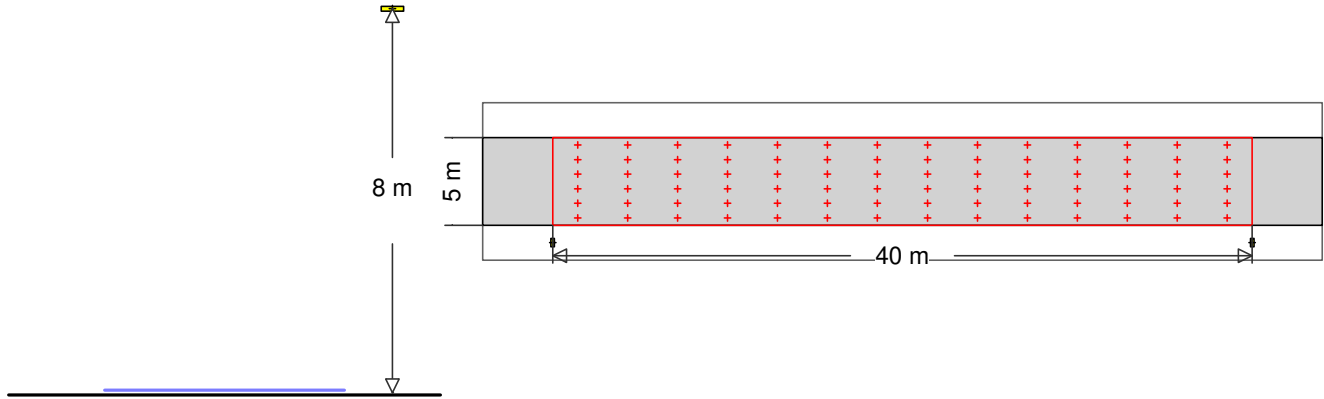
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 15. Dumbrava Rosie

### 15.1 Summary, 15. Dumbrava Rosie

#### 15.1.1 Result overview, 15. Dumbrava Rosie



#### LUG LIGHT FACTORY

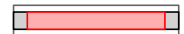
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.51	0.64	8	0.69
1:(y=1.25)	0.39 cd/m <sup>2</sup>	0.51	0.56	10	0.92
M6	>= 0.30 cd/m <sup>2</sup>	>= 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



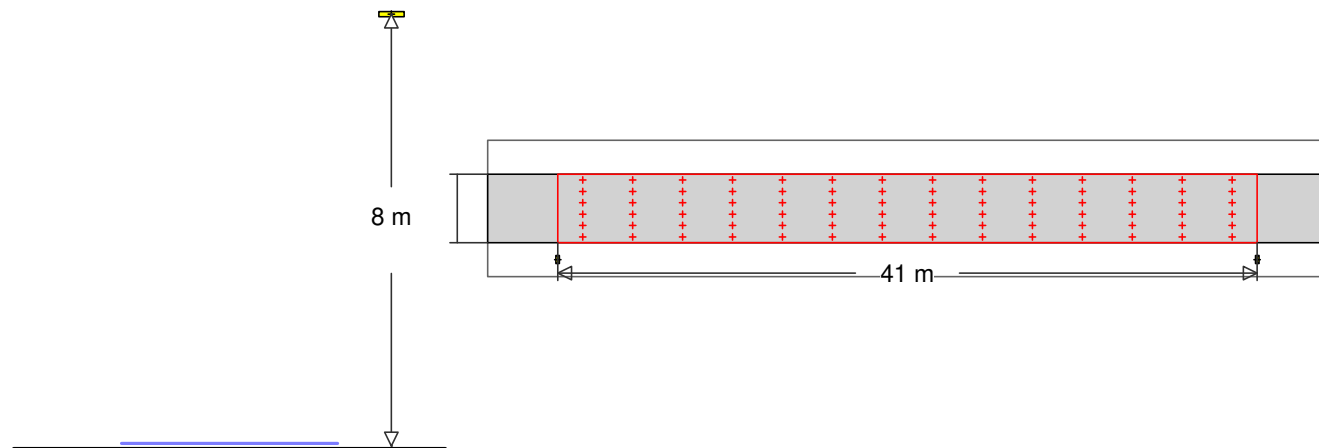
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 16 16. Gheorghe Asachi

### 16.1 Summary, 16. Gheorghe Asachi

#### 16.1.1 Result overview, 16. Gheorghe Asachi



#### LUG LIGHT FACTORY

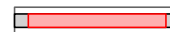
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.55	0.58	9	0.79
1:(y=1.00)	0.40 cd/m <sup>2</sup>	0.54	0.53	10	0.93
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

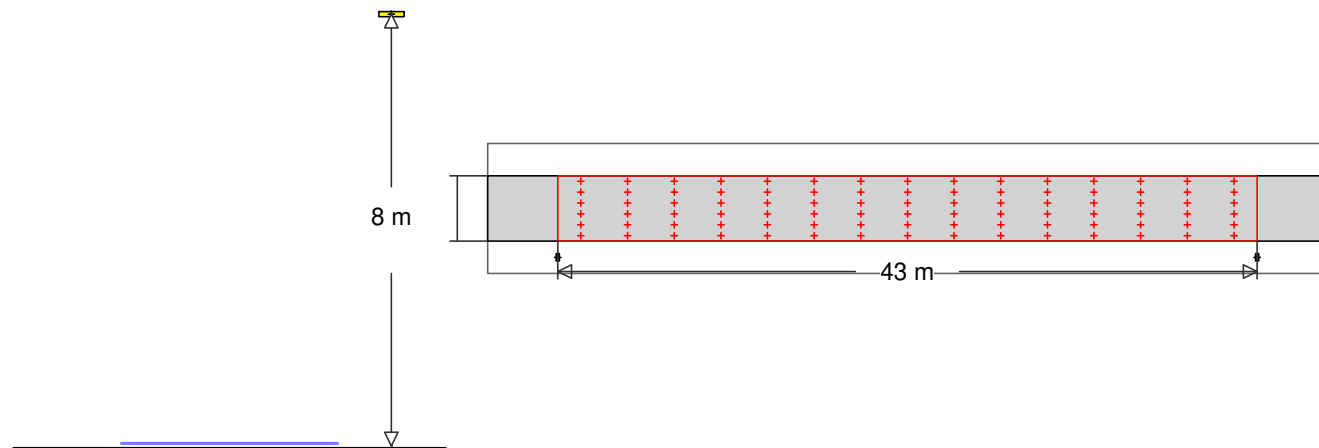
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 17 17. Hristo Botev

### 17.1 Summary, 17. Hristo Botev

#### 17.1.1 Result overview, 17. Hristo Botev



#### LUG LIGHT FACTORY

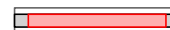
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.53	0.53	9	0.79
1:(y=1.00)	0.38 cd/m <sup>2</sup>	0.52	0.47	10	0.93
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

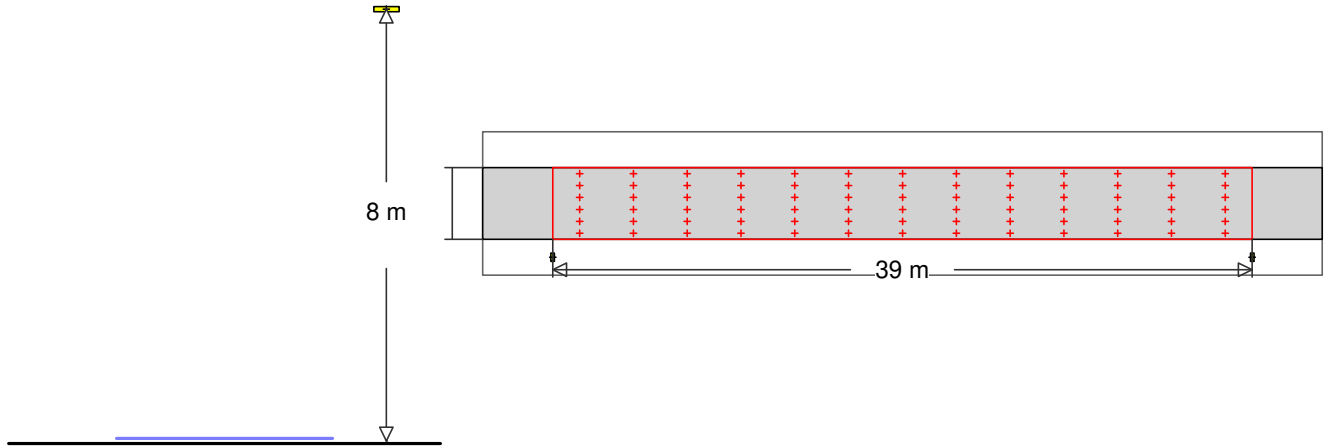
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 18 18. Ion Soltis

### 18.1 Summary, 18. Ion Soltis

#### 18.1.1 Result overview, 18. Ion Soltis



#### LUG LIGHT FACTORY

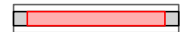
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 39.00 m	Height (phot.center)	: 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 <sup>2</sup>	0.57	0.64	8	0.79
1:(y=1.00)	0.42 cd/m <sup>2</sup>	0.56	0.59	10	0.93
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

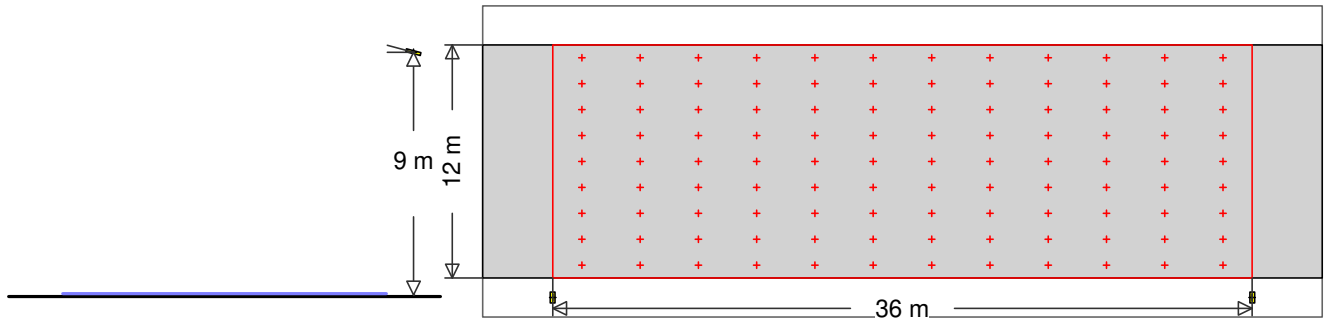
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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 <sup>2</sup>	0.46	0.86	6	0.63
2:(y=6.00)	0.65 cd/m <sup>2</sup>	0.49	0.72	10	
1:(y=2.00)	0.59 cd/m <sup>2</sup>	0.52	0.74	12	0.46
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

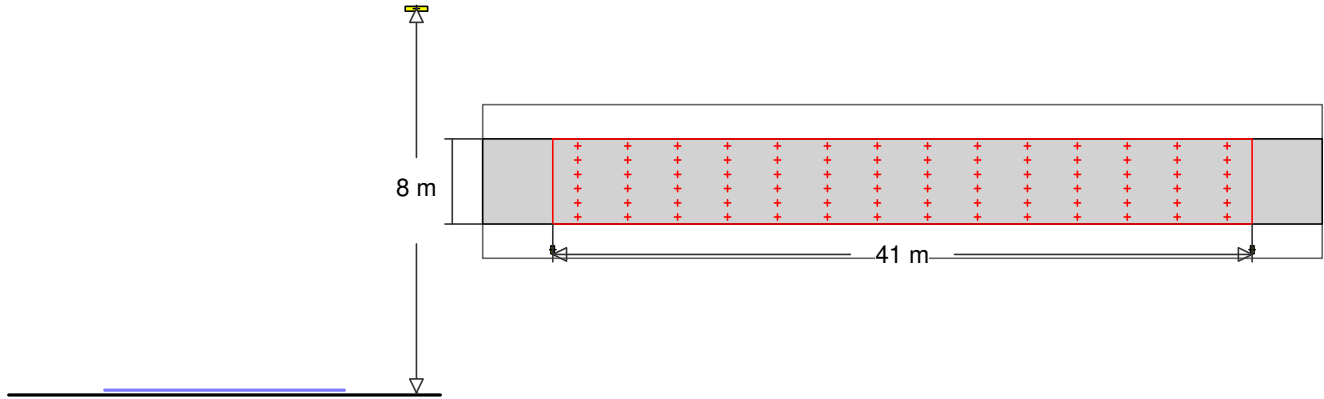
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 20 21. Izvoarelor

### 20.1 Summary, 21. Izvoarelor

#### 20.1.1 Result overview, 21. Izvoarelor



#### LUG LIGHT FACTORY

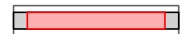
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 41.00 m	Height (phot.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 : 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 <sup>2</sup>	0.50	0.64	8	0.66
1:(y=1.25)	0.35 cd/m <sup>2</sup>	0.50	0.54	11	0.97
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

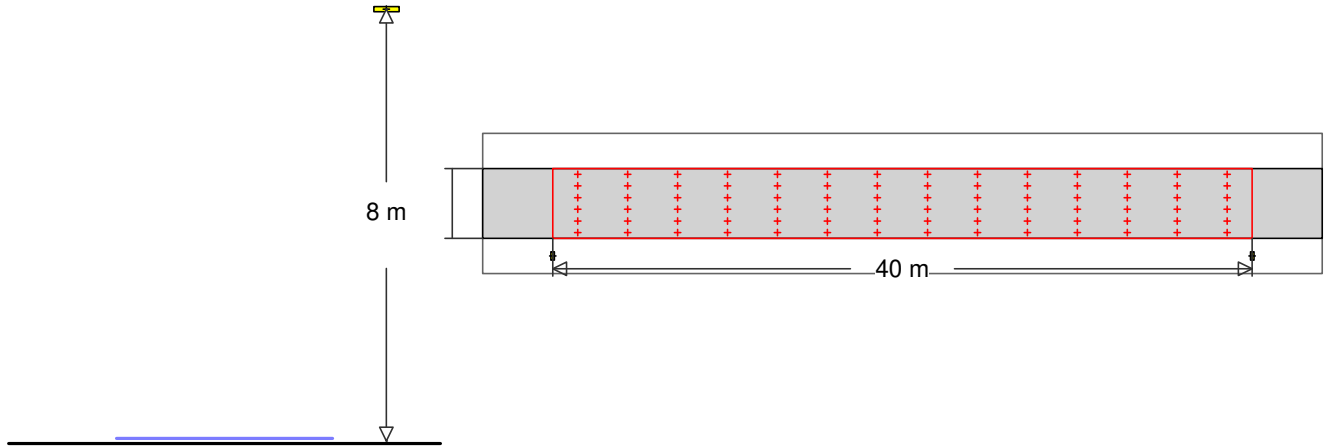
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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 <sup>2</sup>	0.56	0.61	8	0.79
1:(y=1.00)	0.41 cd/m <sup>2</sup>	0.55	0.56	10	0.93
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

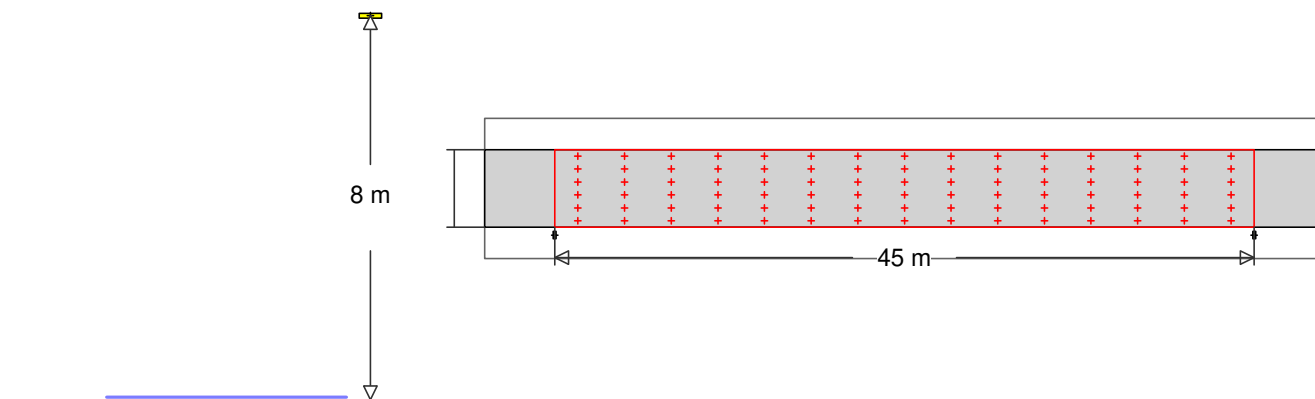
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 22 23. Mihai Kotiubinski

### 22.1 Summary, 23. Mihai Kotiubinski

#### 22.1.1 Result overview, 23. Mihai Kotiubinski



#### LUG LIGHT FACTORY

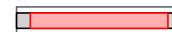
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot.center)	: 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 <sup>2</sup>	0.48	0.49	9	0.72
1:(y=1.25)	0.36 cd/m <sup>2</sup>	0.47	0.41	11	0.87
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

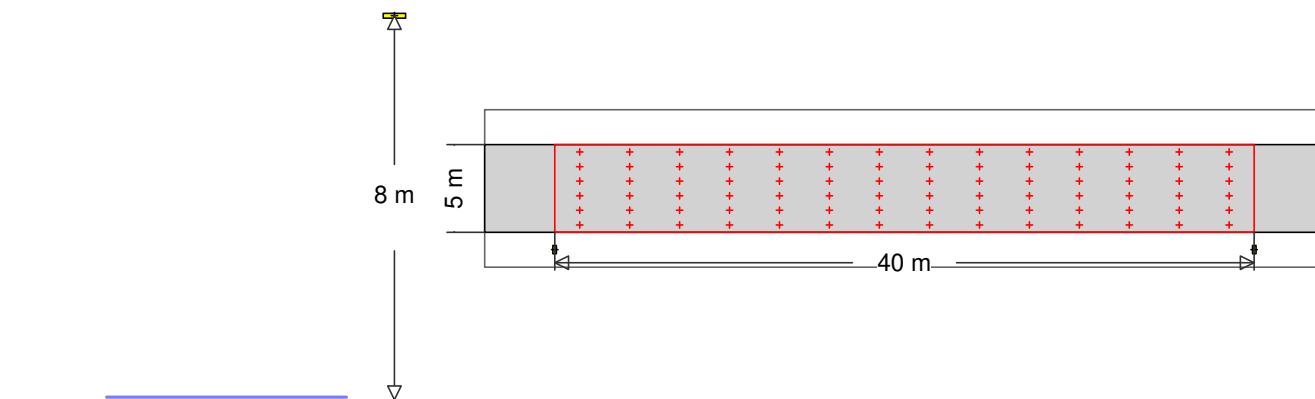
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 23 24. Profesor Ostascu

### 23.1 Summary, 24. Profesor Ostascu

#### 23.1.1 Result overview, 24. Profesor Ostascu



#### LUG LIGHT FACTORY

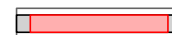
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.51	0.64	8	0.69
1:(y=1.25)	0.39 cd/m <sup>2</sup>	0.51	0.56	10	0.92
M6	>= 0.30 cd/m <sup>2</sup>	>= 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



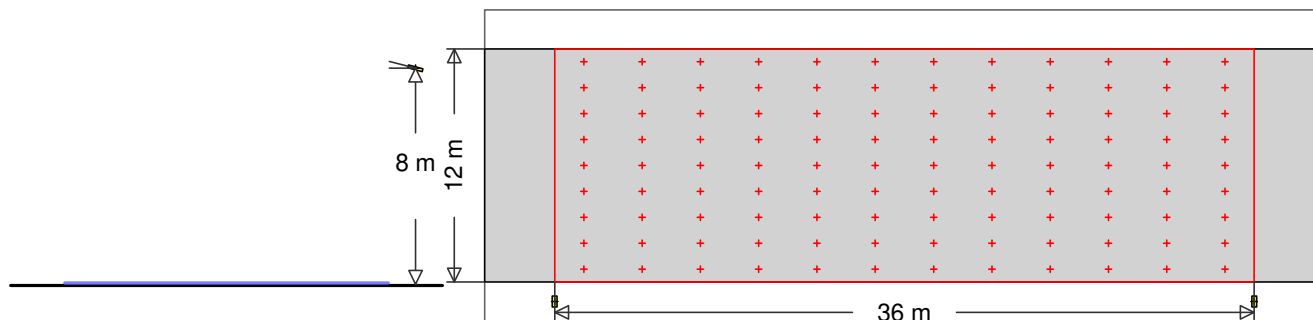
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 24 25. Viilor

### 24.1 Summary, 25. Viilor

#### 24.1.1 Result overview, 25. Viilor



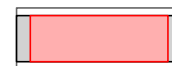
**LUG Light Factory**  
 3 Order No. : 130222.7L782.681.002  
 Luminaire name : URBINO LED ED D4i 9300lm/740 O92 gray II kl. mod. 002  
 Equipment : 1 x LED 59.5 W / 9300 lm

#### 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 <sup>2</sup>	0.41	0.78	5	0.57
2:(y=6.00)	0.70 cd/m <sup>2</sup>	0.43	0.70	11	
1:(y=2.00)	0.63 cd/m <sup>2</sup>	0.44	0.68	15	0.45
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

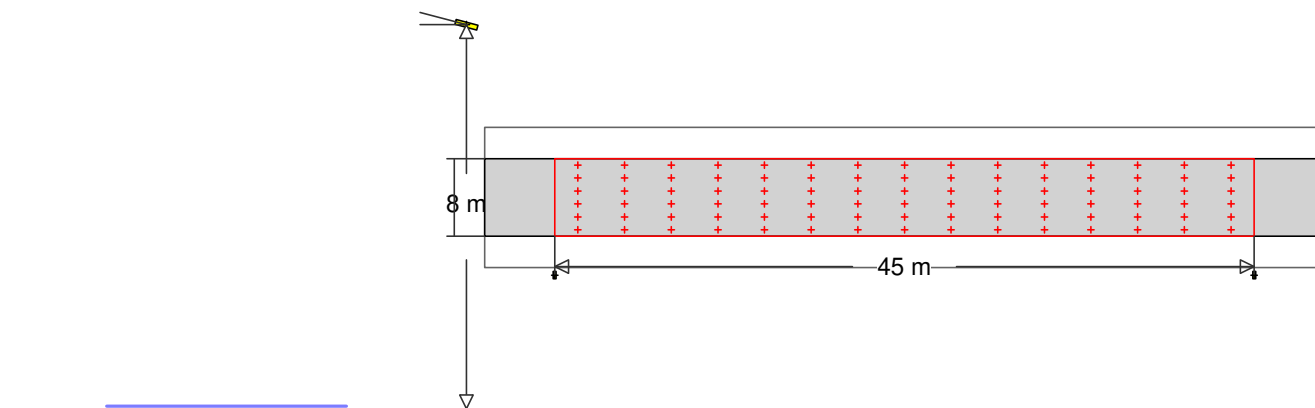
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 25 26. Alexandru Donici

### 25.1 Summary, 26. Alexandru Donici

#### 25.1.1 Result overview, 26. Alexandru Donici



#### LUG LIGHT FACTORY

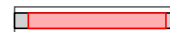
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### 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 <sup>2</sup>	0.49	0.58	9	0.58
1:(y=1.25)	0.40 cd/m <sup>2</sup>	0.49	0.44	14	0.80
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

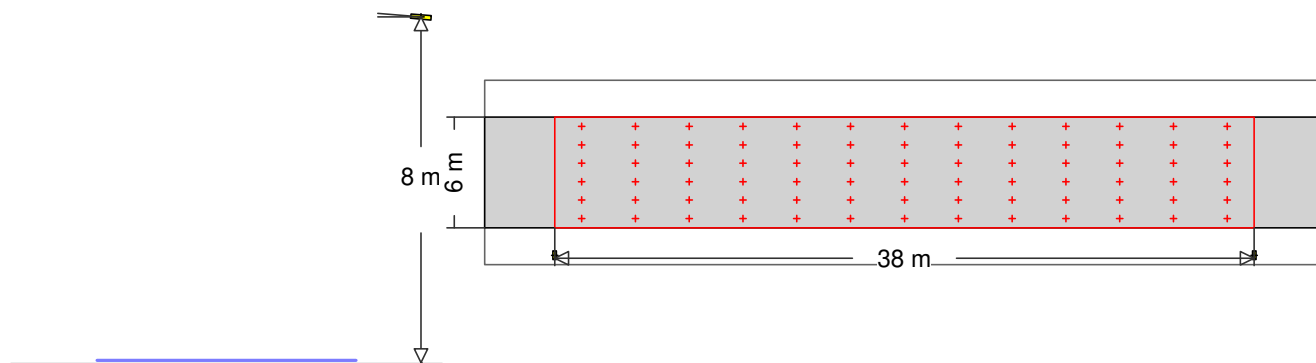
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 26 27. Boris Glavan

### 26.1 Summary, 27. Boris Glavan

#### 26.1.1 Result overview, 27. Boris Glavan



#### LUG LIGHT FACTORY

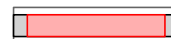
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.50	0.72	7	0.63
1:(y=1.50)	0.35 cd/m <sup>2</sup>	0.52	0.61	11	0.93
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

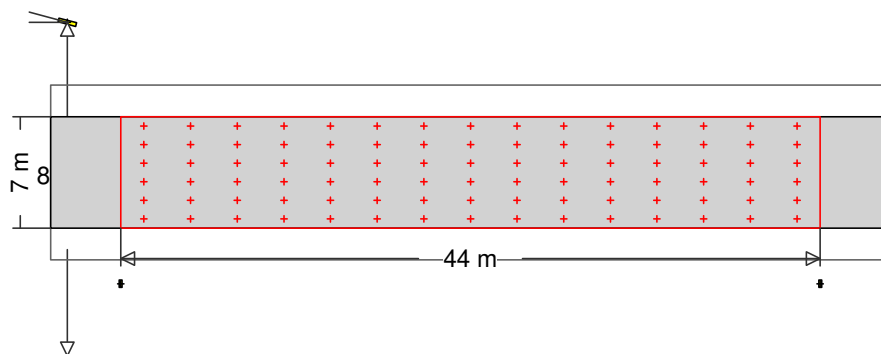
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 27 28. Chiliei

### 27.1 Summary, 28. Chiliei

#### 27.1.1 Result overview, 28. Chiliei



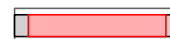
**LUG LIGHT FACTORY**  
 4 Order No. : 130782.7L122.110.050  
 Luminaire name : URBINO LED S ED D4i 5600lm/740 O11 gray II kl. mod. 050  
 Equipment : 1 x LED 4000K 39 W / 5600 lm

#### 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 <sup>2</sup>	0.43	0.79	6	0.33
1:(y=1.75)	0.38 cd/m <sup>2</sup>	0.45	0.58	14	0.93
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

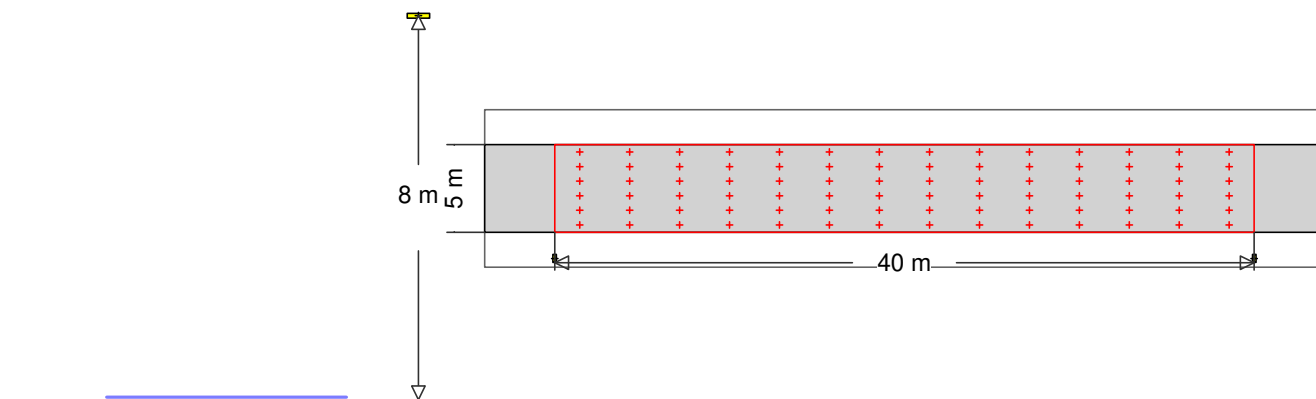
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 28 29. Chilai aux.

### 28.1 Summary, 29. Chilai aux.

#### 28.1.1 Result overview, 29. Chilai aux.



#### LUG LIGHT FACTORY

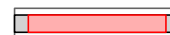
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.51	0.66	8	0.67
1:(y=1.25)	0.36 cd/m <sup>2</sup>	0.51	0.57	11	0.97
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

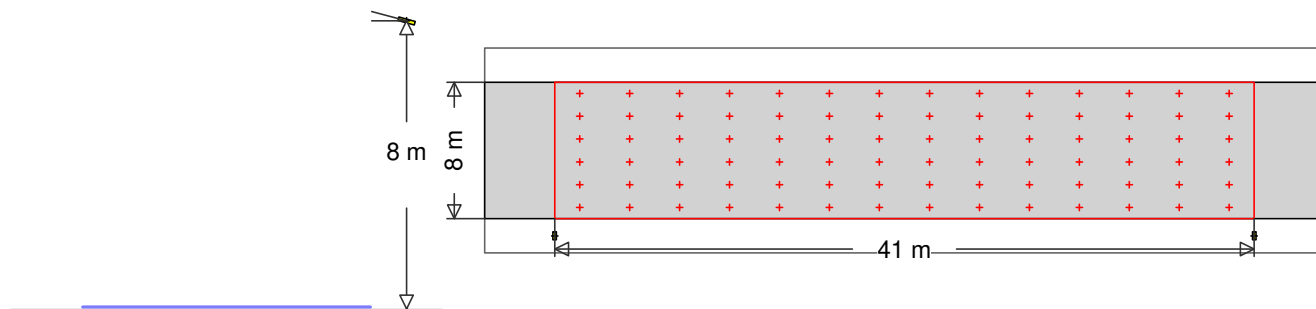
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 29 30. Constantin Negruzzi

### 29.1 Summary, 30. Constantin Negruzzi

#### 29.1.1 Result overview, 30. Constantin Negruzzi



#### LUG LIGHT FACTORY

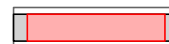
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### 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 <sup>2</sup>	0.40	0.74	7	0.31
1:(y=2.00)	0.44 cd/m <sup>2</sup>	0.42	0.49	14	0.33
M6	$\geq 0.30$ cd/m <sup>2</sup>	$\geq 0.35$	$\geq 0.40$	$\leq 20$	$\geq 0.30$

#### 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

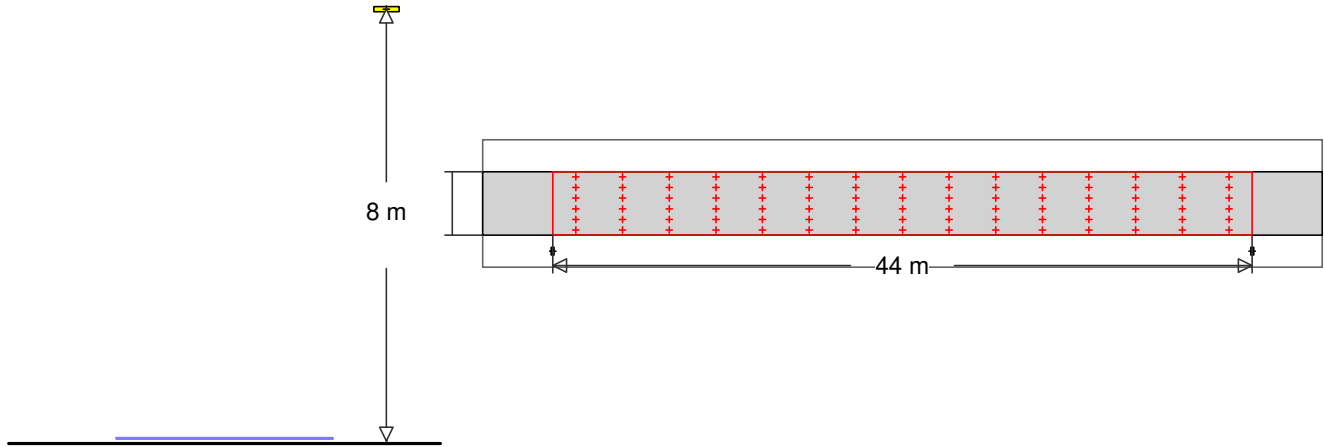
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



### 30 31. Dumitru Milev

#### 30.1 Summary, 31. Dumitru Milev

##### 30.1.1 Result overview, 31. Dumitru Milev



#### LUG LIGHT FACTORY

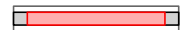
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.51	0.50	9	0.79
1:(y=1.00)	0.38 cd/m <sup>2</sup>	0.50	0.44	10	0.93
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

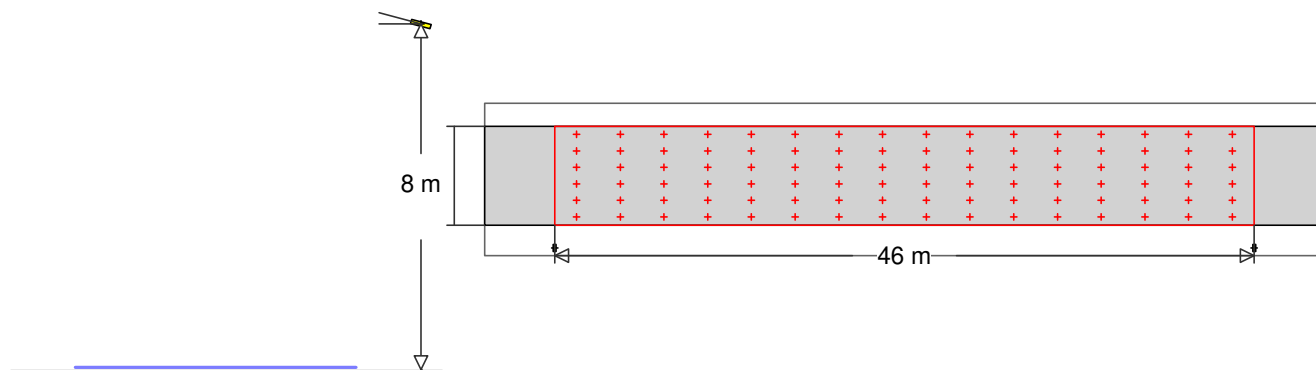
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 31 32. Ion Neculce

### 31.1 Summary, 32. Ion Neculce

#### 31.1.1 Result overview, 32. Ion Neculce



#### LUG LIGHT FACTORY

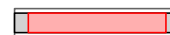
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### 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 <sup>2</sup>	0.42	0.56	8	0.45
1:(y=1.63)	0.41 cd/m <sup>2</sup>	0.43	0.40	15	0.48
M6	>= 0.30 cd/m <sup>2</sup>	>= 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



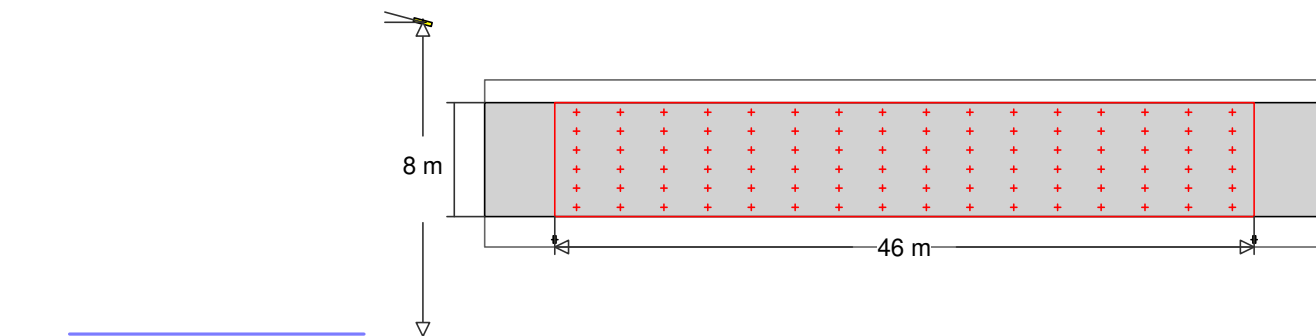
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



### 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 <sup>2</sup>	0.38	0.63	7	0.33
1:(y=1.88)	0.38 cd/m <sup>2</sup>	0.39	0.41	15	0.44
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

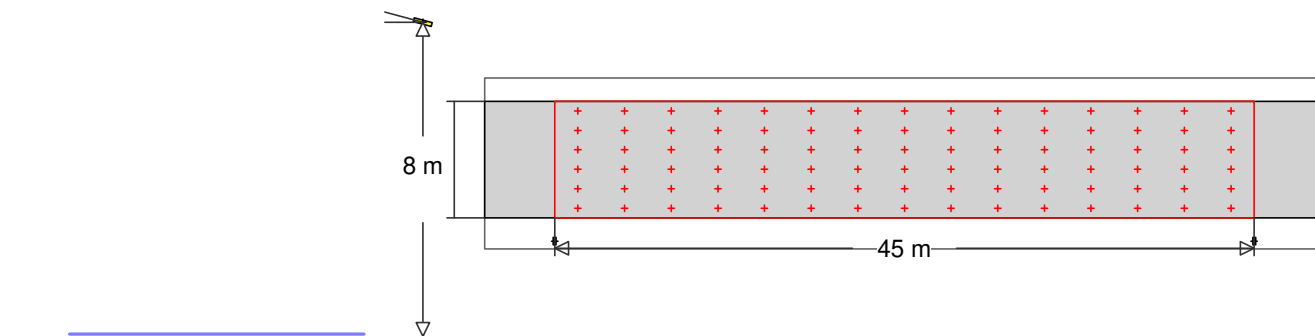
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



### 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

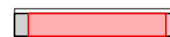
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### 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 <sup>2</sup>	0.39	0.65	7	0.33
1:(y=1.88)	0.39 cd/m <sup>2</sup>	0.41	0.43	14	0.44
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

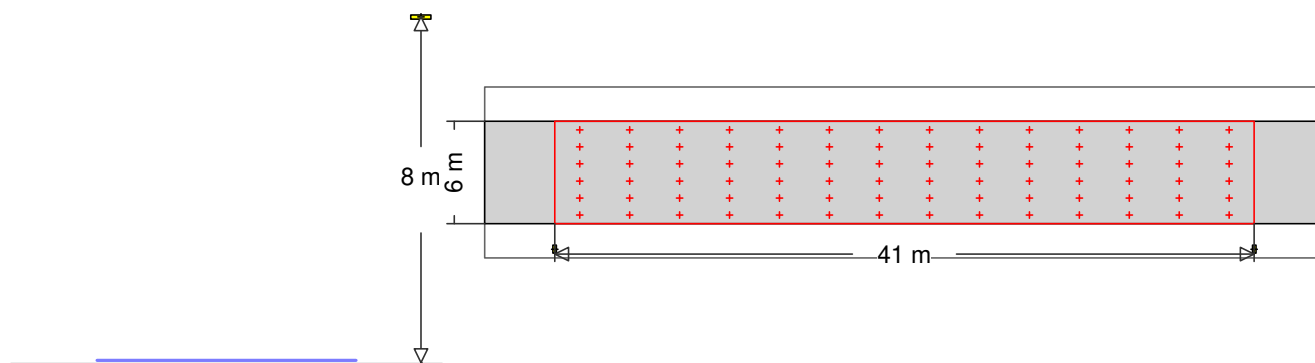
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 34 35. Nicolae Balcescu

### 34.1 Summary, 35. Nicolae Balcescu

#### 34.1.1 Result overview, 35. Nicolae Balcescu



#### LUG LIGHT FACTORY

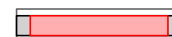
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.46	0.68	7	0.55
1:(y=1.50)	0.33 cd/m <sup>2</sup>	0.47	0.55	12	0.96
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

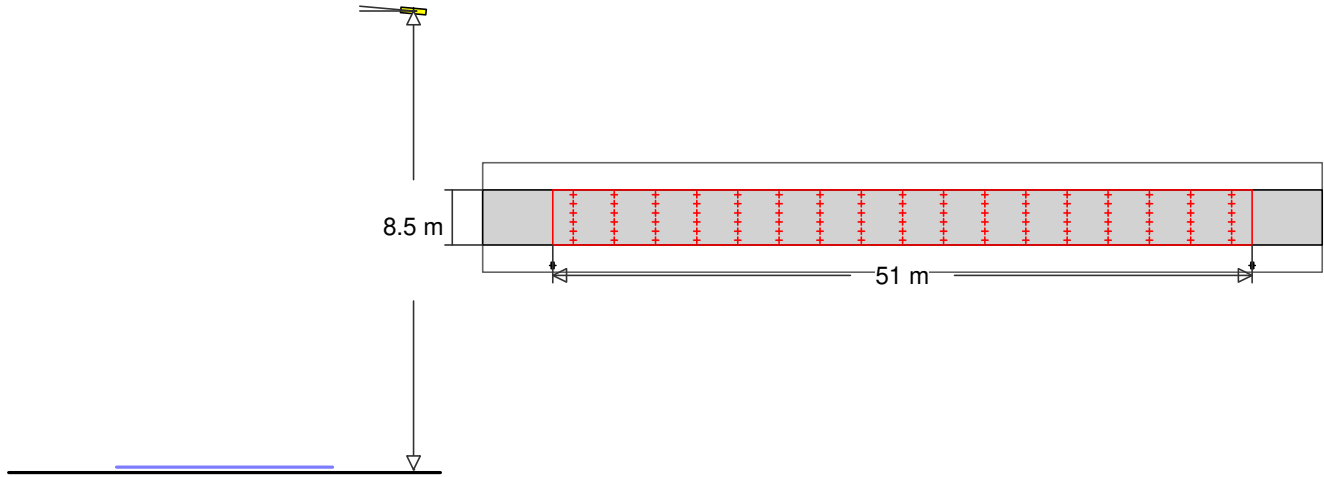
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



### 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 <sup>2</sup>	0.50	0.52	12	0.81
1:(y=1.00)	0.34 cd/m <sup>2</sup>	0.50	0.51	15	0.86
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

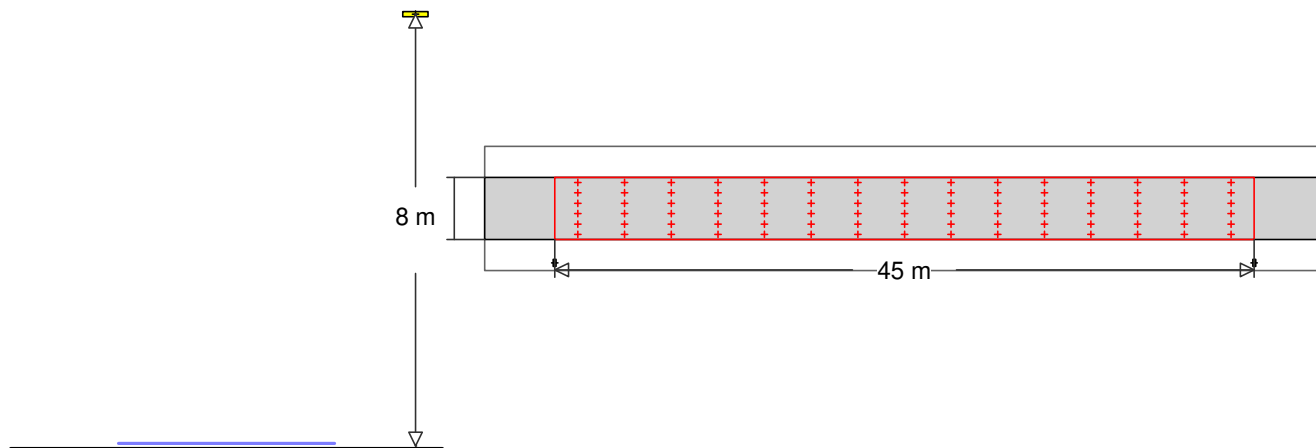
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 36 37. Strada Veche

### 36.1 Summary, 37. Strada Veche

#### 36.1.1 Result overview, 37. Strada Veche



#### LUG LIGHT FACTORY

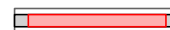
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.50	0.50	9	0.77
1:(y=1.00)	0.34 cd/m <sup>2</sup>	0.50	0.42	11	0.97
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

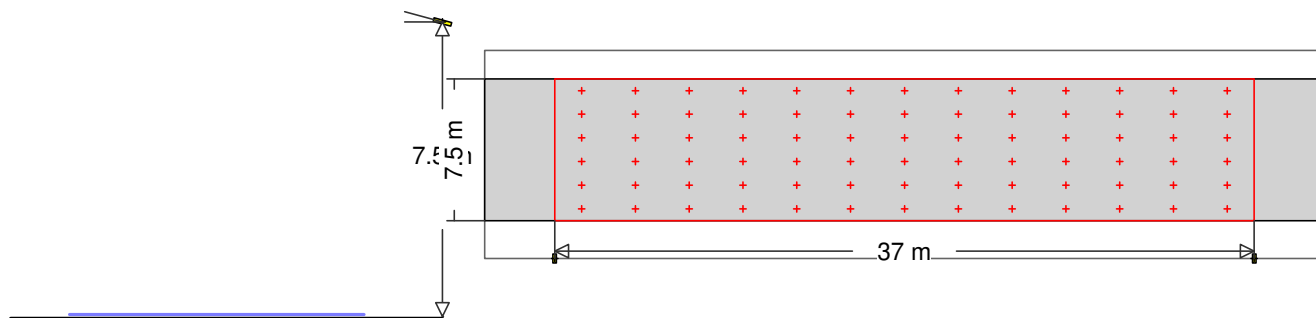
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 37 38. Targul Vechi

### 37.1 Summary, 38. Targul Vechi

#### 37.1.1 Result overview, 38. Targul Vechi



#### LUG Light Factory

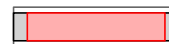
5  
 Order No. : 130782.7L122.140.017  
 Luminaire name : URBINO LED S ED D4i 4000lm/740 O14 gray II kl. mod. 017  
 Equipment : 1 x LED 26 W / 4000 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 37.00 m	Height (phot. centre)	: 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 <sup>2</sup>	0.47	0.81	8	0.51
1:(y=1.88)	0.34 cd/m <sup>2</sup>	0.51	0.75	16	0.77
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

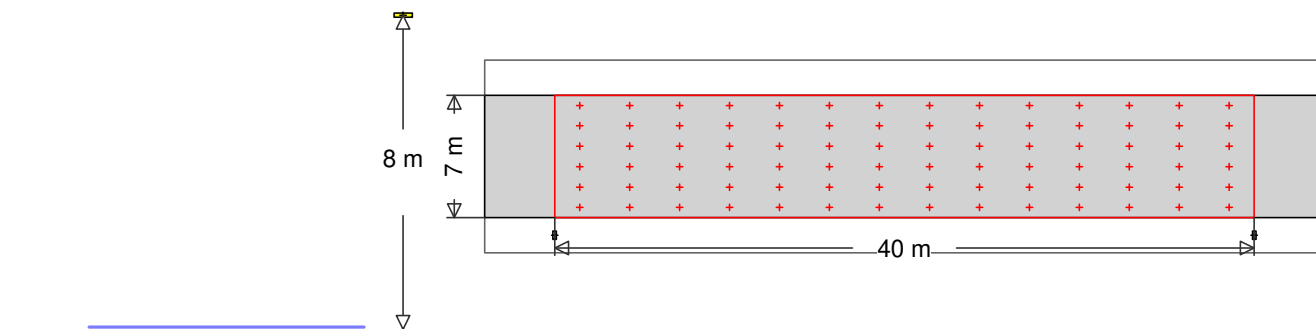
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



### 38 39. Ciprian Porumbescu

#### 38.1 Summary, 39. Ciprian Porumbescu

##### 38.1.1 Result overview, 39. Ciprian Porumbescu



#### LUG LIGHT FACTORY

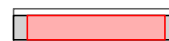
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.44	0.71	7	0.48
1:(y=1.75)	0.34 cd/m <sup>2</sup>	0.45	0.57	11	0.88
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

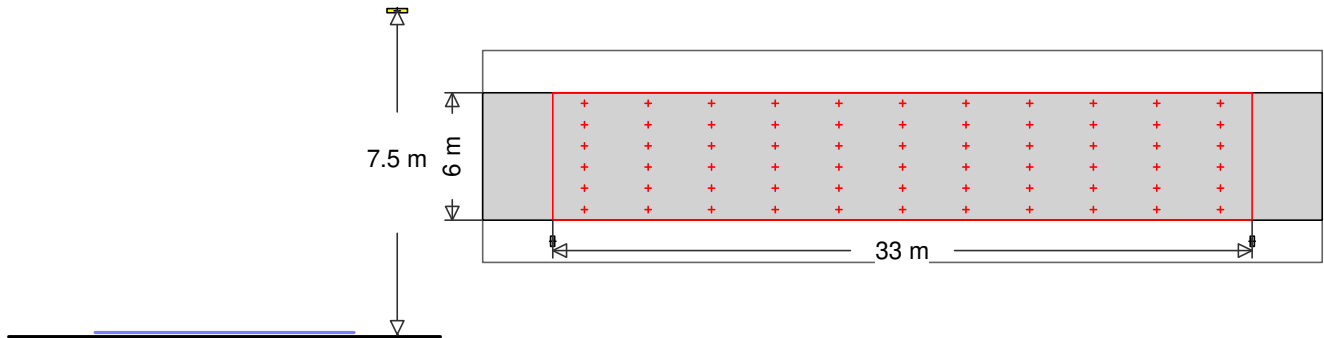
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 39 40. Ivan Naumov

### 39.1 Summary, 40. Ivan Naumov

#### 39.1.1 Result overview, 40. Ivan Naumov



#### LUG LIGHT FACTORY

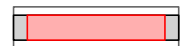
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 33.00 m	Height (phot.center)	: 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 <sup>2</sup>	0.49	0.78	7	0.54
1:(y=1.50)	0.45 cd/m <sup>2</sup>	0.50	0.68	11	0.90
M6	>= 0.30 cd/m <sup>2</sup>	>= 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



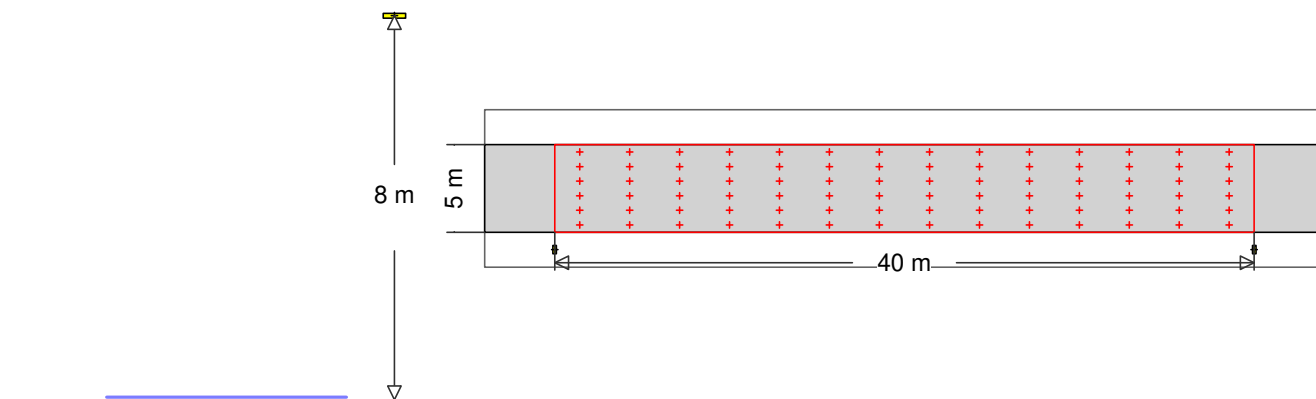
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

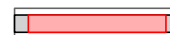
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot. 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 : 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 <sup>2</sup>	0.51	0.64	8	0.69
1:(y=1.25)	0.39 cd/m <sup>2</sup>	0.51	0.56	10	0.92
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

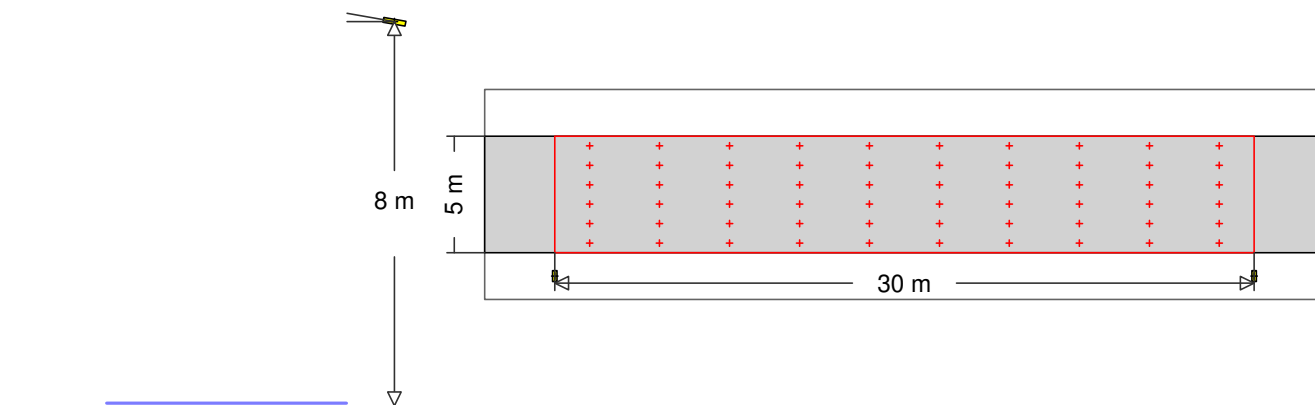
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 41 42. Mihai Frunze

### 41.1 Summary, 42. Mihai Frunze

#### 41.1.1 Result overview, 42. Mihai Frunze



#### LUG LIGHT FACTORY

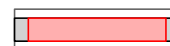
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### 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 <sup>2</sup>	0.59	0.83	7	0.59
1:(y=1.25)	0.76 cd/m <sup>2</sup>	0.60	0.77	10	0.57
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

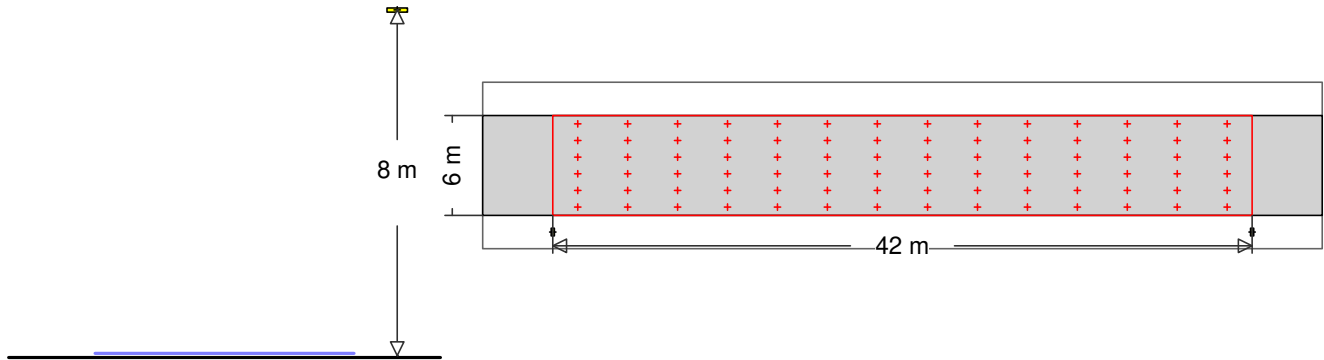
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 42 43. Mircea cel Batran

### 42.1 Summary, 43. Mircea cel Batran

#### 42.1.1 Result overview, 43. Mircea cel Batran



#### LUG LIGHT FACTORY

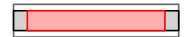
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 42.00 m	Height (phot.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 : 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 <sup>2</sup>	0.45	0.63	8	0.58
1:(y=1.50)	0.34 cd/m <sup>2</sup>	0.45	0.50	11	0.90
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

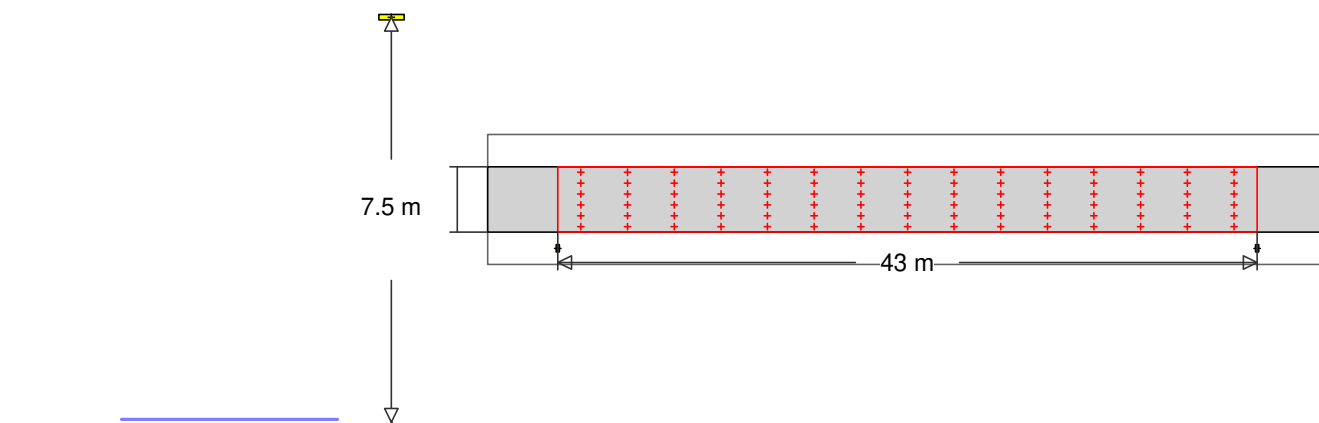
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 43 44. Baltilor

### 43.1 Summary, 44. Baltilor

#### 43.1.1 Result overview, 44. Baltilor



#### LUG LIGHT FACTORY

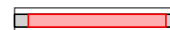
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 43.00 m	Height (phot centre)	: 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 <sup>2</sup>	0.48	0.47	10	0.76
1:(y=1.00)	0.40 cd/m <sup>2</sup>	0.48	0.40	12	0.93
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

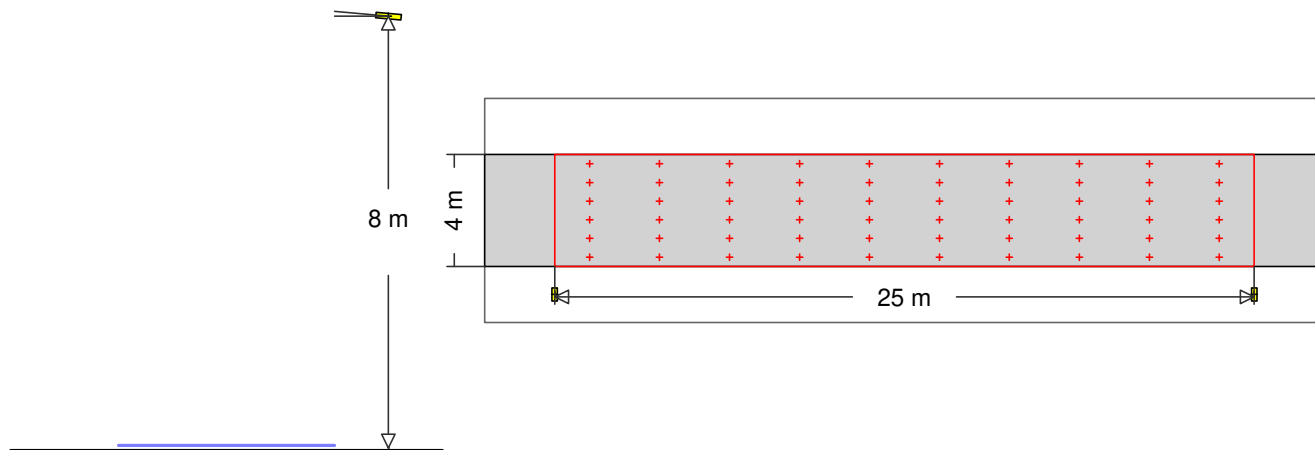
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

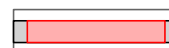
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.71	0.88	6	0.82
1:(y=1.00)	0.63 cd/m <sup>2</sup>	0.71	0.86	7	0.92
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

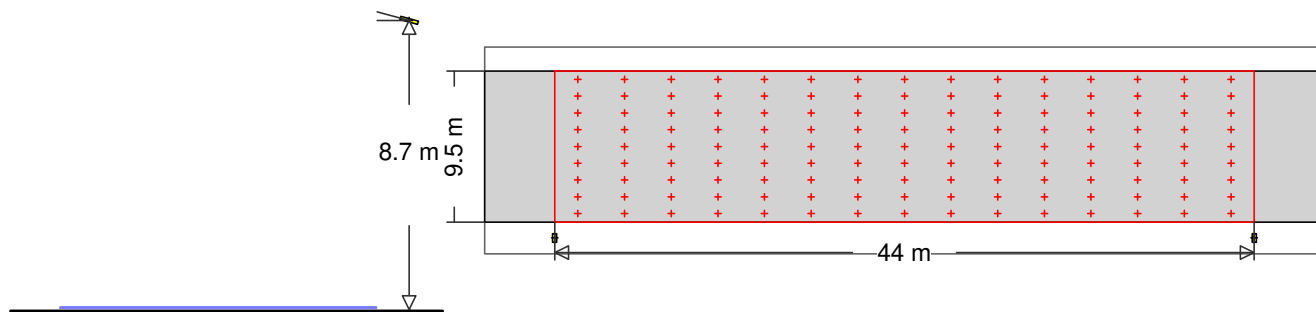
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 45 46. Ion Luca Caragiale

### 45.1 Summary, 46. Ion Luca Caragiale

#### 45.1.1 Result overview, 46. Ion Luca Caragiale



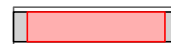
**LUG Light Factory**  
 3 Order No. : 130222.7L782.681.002  
 Luminaire name : URBINO LED ED D4i 9300lm/740 O92 gray II kl. mod. 002  
 Equipment : 1 x LED 59.5 W / 9300 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 44.00 m	Height (phot.center)	: 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 <sup>2</sup>	0.48	0.68	8	0.71
2:(y=4.75)	0.59 cd/m <sup>2</sup>	0.49	0.57	11	
1:(y=1.58)	0.54 cd/m <sup>2</sup>	0.51	0.57	13	0.49
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

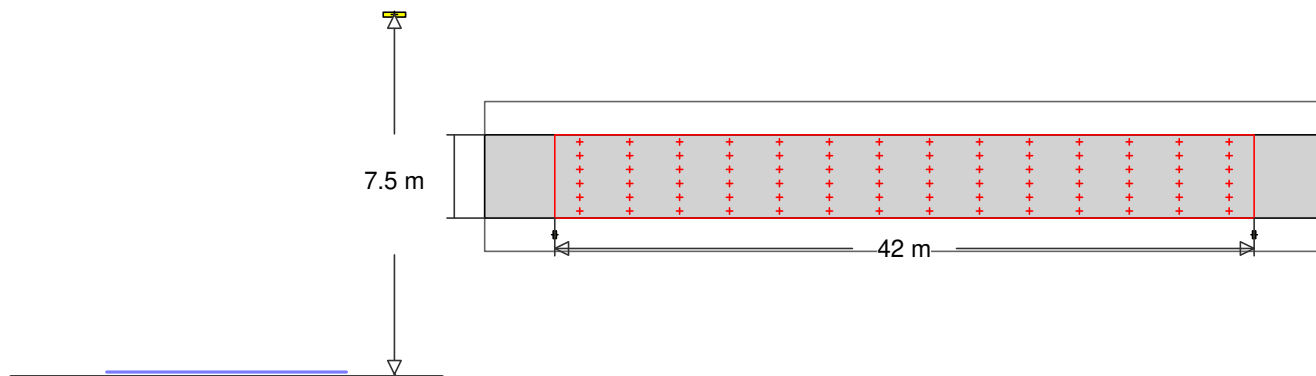
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

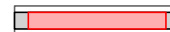
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 42.00 m	Height (phot. centre)	: 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 <sup>2</sup>	0.46	0.55	9	0.65
1:(y=1.25)	0.38 cd/m <sup>2</sup>	0.44	0.43	12	0.92
M6	$\geq 0.30$ cd/m <sup>2</sup>	$\geq 0.35$	$\geq 0.40$	$\leq 20$	$\geq 0.30$

#### 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

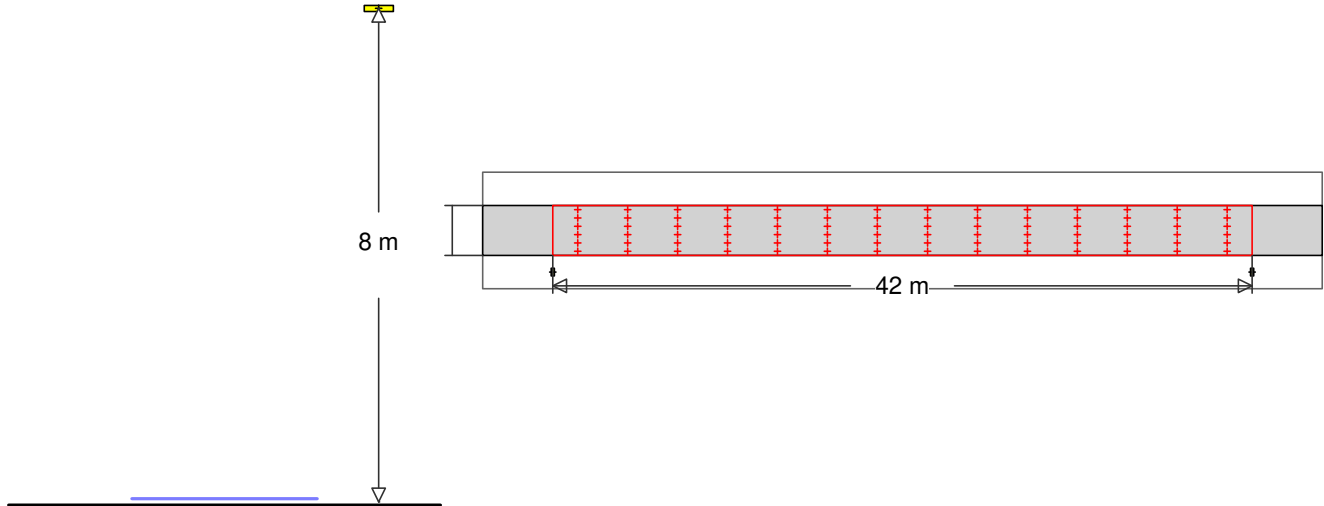
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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	$\bar{L}_m$	$U_o$	$U_l$	$f_{TI}$	$REI$
2:(y=2.25)	0.44 cd/m <sup>2</sup>	0.58	0.53	9	0.88
1:(y=0.75)	0.42 cd/m <sup>2</sup>	0.55	0.49	9	0.95
M6	>= 0.30 cd/m <sup>2</sup>	>= 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



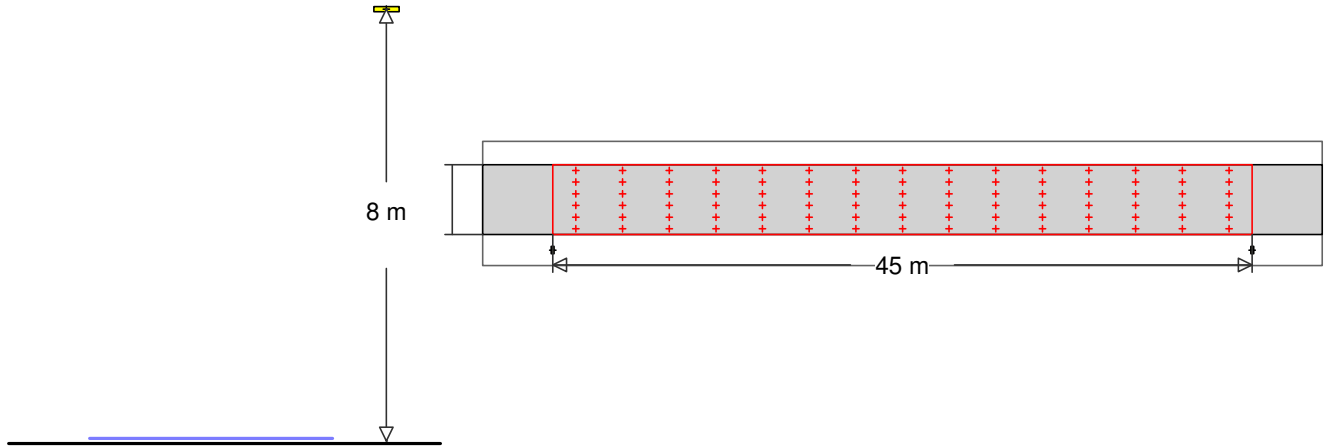
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

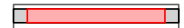
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot.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 : 4.50 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 <sup>2</sup>	0.49	0.50	9	0.74
1:(y=1.13)	0.35 cd/m <sup>2</sup>	0.48	0.42	11	0.92
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

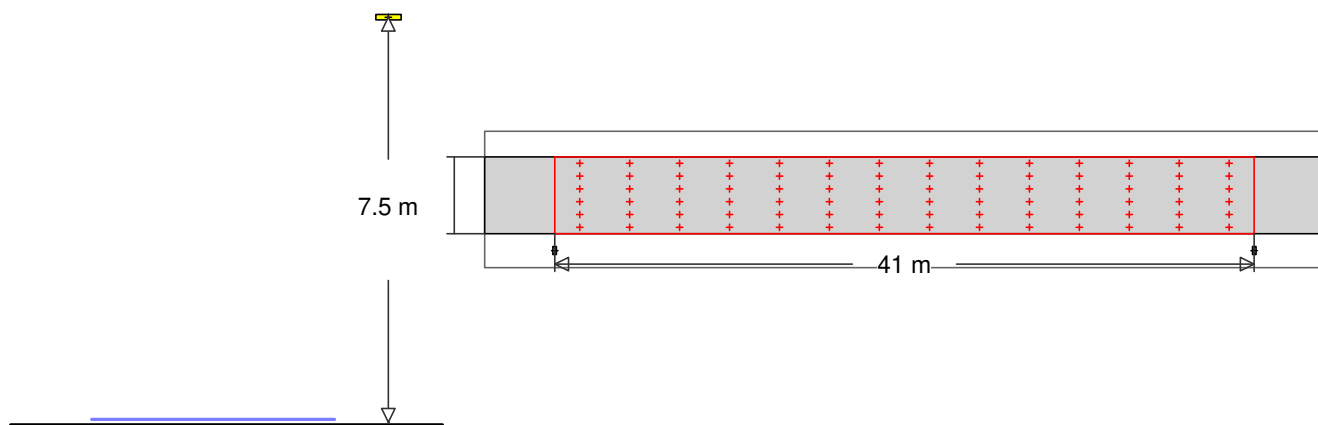
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



**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**

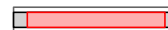
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

**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 <sup>2</sup>	0.49	0.55	9	0.71
1:(y=1.13)	0.40 cd/m <sup>2</sup>	0.47	0.45	12	0.93
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

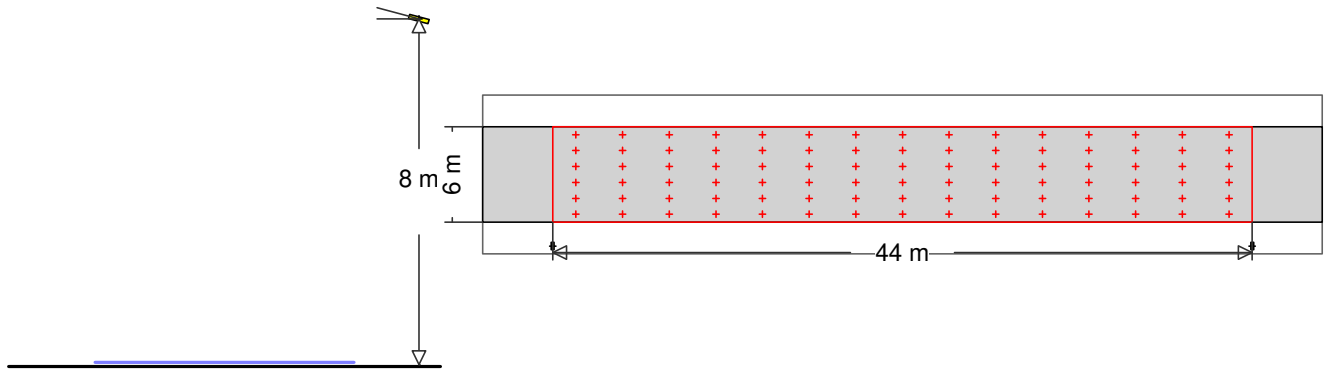
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 50 51. M. Eminescu

### 50.1 Summary, 51. M. Eminescu

#### 50.1.1 Result overview, 51. M. Eminescu



#### LUG LIGHT FACTORY

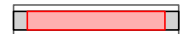
4 Order No. : 130782.7L122.110.050  
 Luminaire name : URBINO LED S ED D4i 5600lm/740 O11 gray II kl. mod. 050  
 Equipment : 1 x LED 4000K 39 W / 5600 lm

#### 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 <sup>2</sup>	0.46	0.58	9	0.54
1:(y=1.50)	0.57 cd/m <sup>2</sup>	0.47	0.44	14	0.51
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

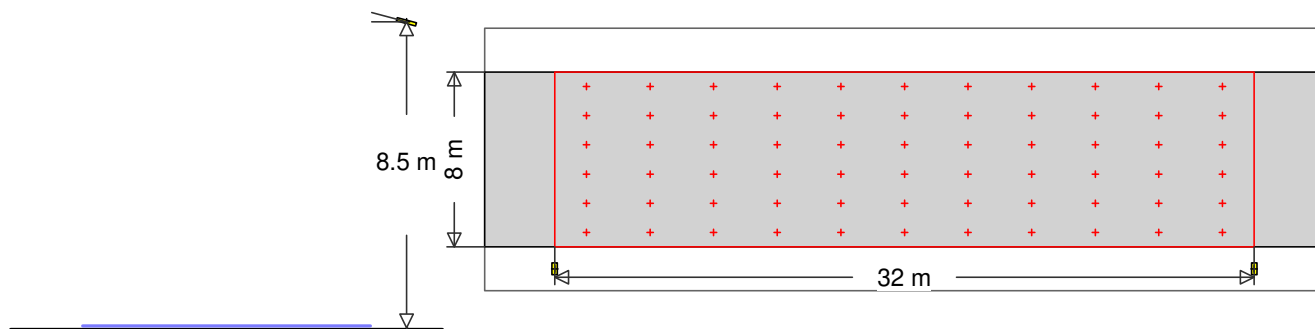
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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 <sup>2</sup>	0.62	0.79	8	0.71
1:(y=2.00)	0.81 cd/m <sup>2</sup>	0.65	0.75	11	0.46
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

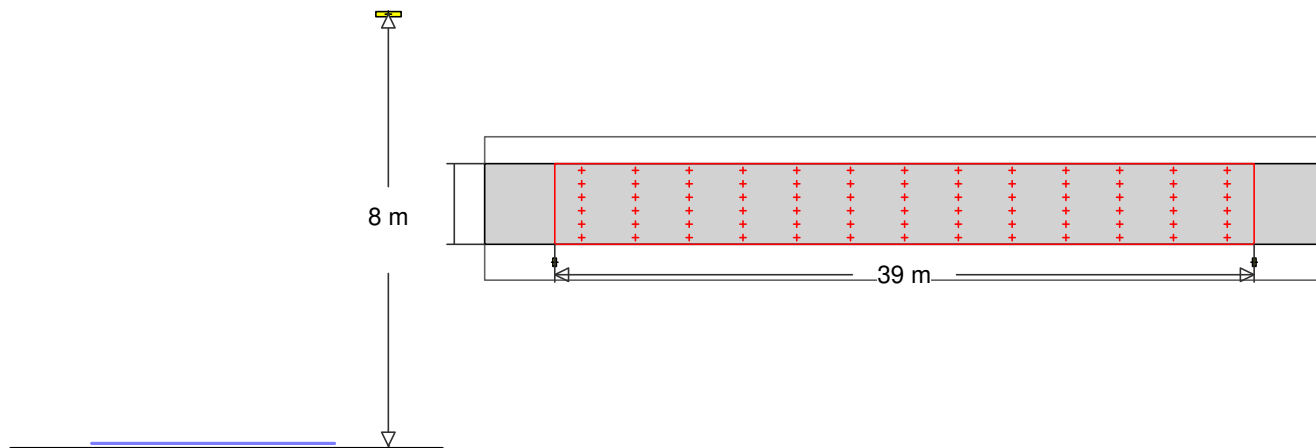
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

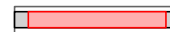
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 39.00 m	Height (phot.center)	: 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 <sup>2</sup>	0.54	0.64	8	0.74
1:(y=1.13)	0.41 cd/m <sup>2</sup>	0.53	0.59	10	0.92
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

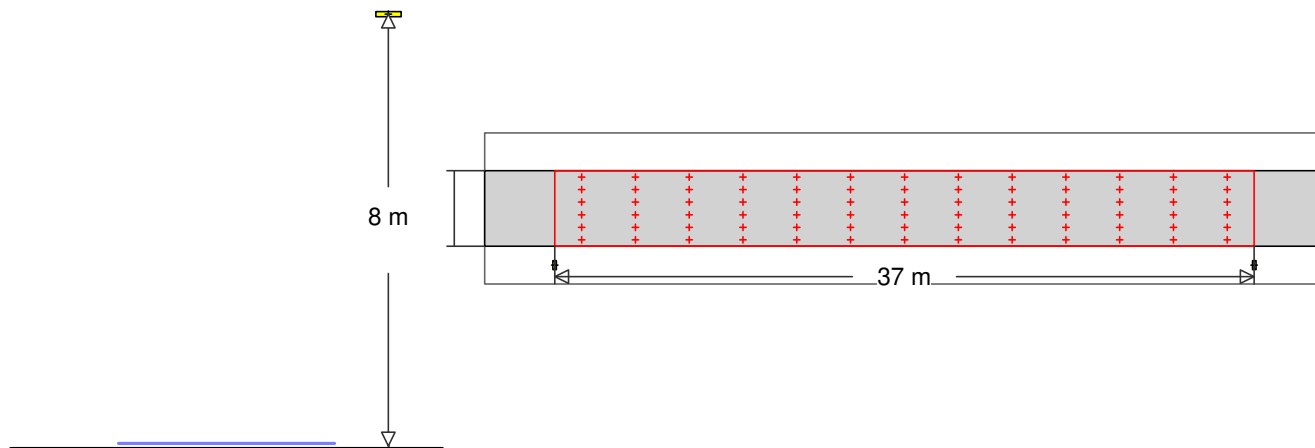
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

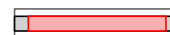
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.59	0.67	8	0.79
1:(y=1.00)	0.45 cd/m <sup>2</sup>	0.58	0.65	9	0.93
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

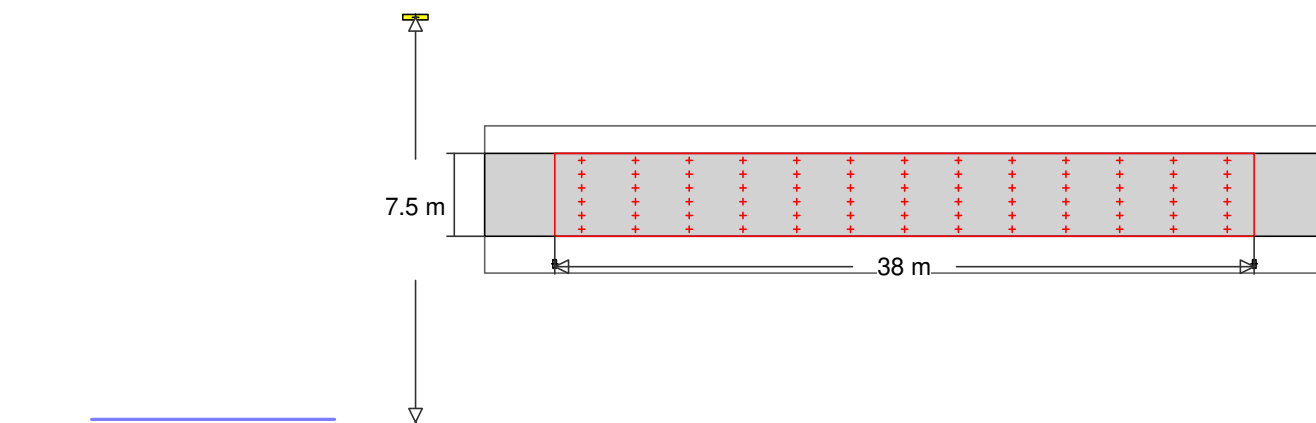
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 54 55. Valea Prutului

### 54.1 Summary, 55. Valea Prutului

#### 54.1.1 Result overview, 55. Valea Prutului



#### LUG LIGHT FACTORY

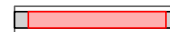
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.51	0.64	8	0.68
1:(y=1.13)	0.41 cd/m <sup>2</sup>	0.51	0.55	12	0.98
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

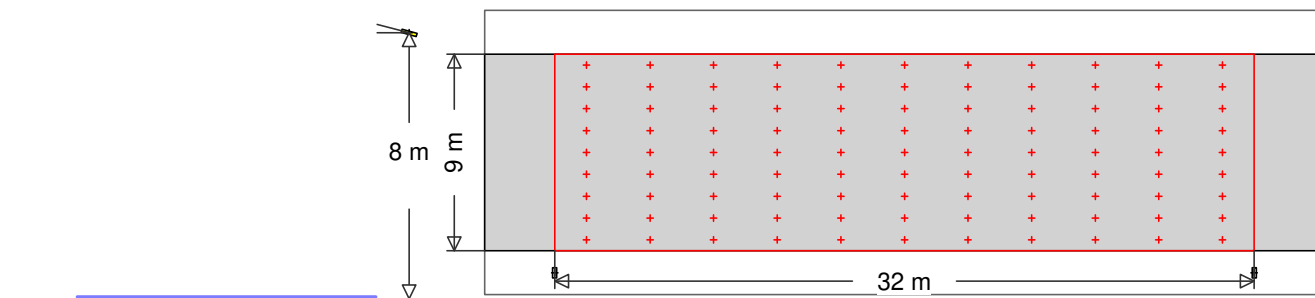
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 55 56. Vasile Alecsandri (sector 1)

### 55.1 Summary, 56. Vasile Alecsandri (sector 1)

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



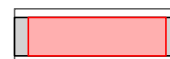
**LUG Light Factory**  
 6 Order No. : 130782.7L122.120.005  
 Luminaire name : URBINO LED S ED D4i 5650lm/740 O12 gray II kl. mod. 005  
 Equipment : 1 x LED 39.5 W / 5650 lm

#### 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 <sup>2</sup>	0.55	0.91	7	0.61
2:(y=4.50)	0.58 cd/m <sup>2</sup>	0.59	0.89	11	
1:(y=1.50)	0.54 cd/m <sup>2</sup>	0.62	0.69	13	0.40
M5	>= 0.50 cd/m <sup>2</sup>	>= 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



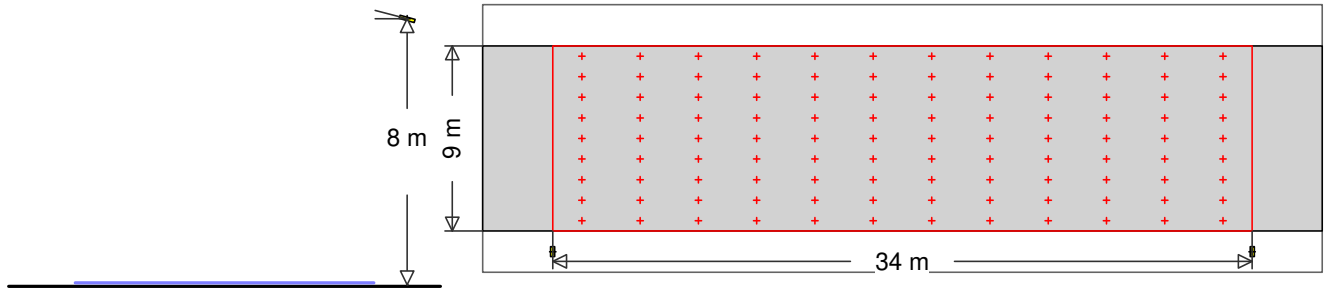
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 56 57. Vasile Alecsandri

### 56.1 Summary, 57. Vasile Alecsandri

#### 56.1.1 Result overview, 57. Vasile Alecsandri



#### LUG LIGHT FACTORY

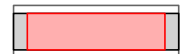
7 Order No. : 130782.7L242.130.010  
 Luminaire name : URBINO LED S ED D4i 7400lm/740 O13 gray II kl. mod. 010  
 Equipment : 1 x LED 4000K 50 W / 7400 lm

#### 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 <sup>2</sup>	0.47	0.89	6	0.65
2:(y=4.50)	0.60 cd/m <sup>2</sup>	0.48	0.77	10	
1:(y=1.50)	0.55 cd/m <sup>2</sup>	0.49	0.67	11	0.85
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

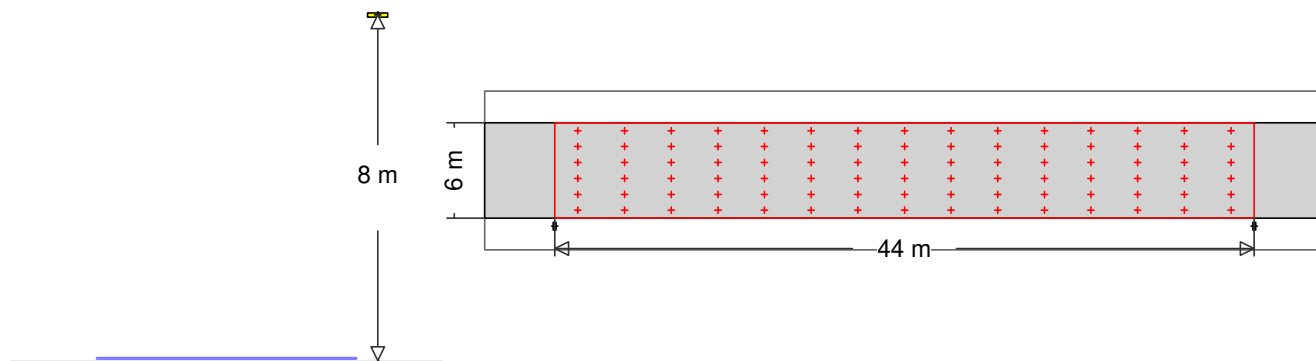
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

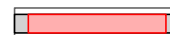
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.45	0.56	8	0.61
1:(y=1.50)	0.35 cd/m <sup>2</sup>	0.43	0.44	11	0.85
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

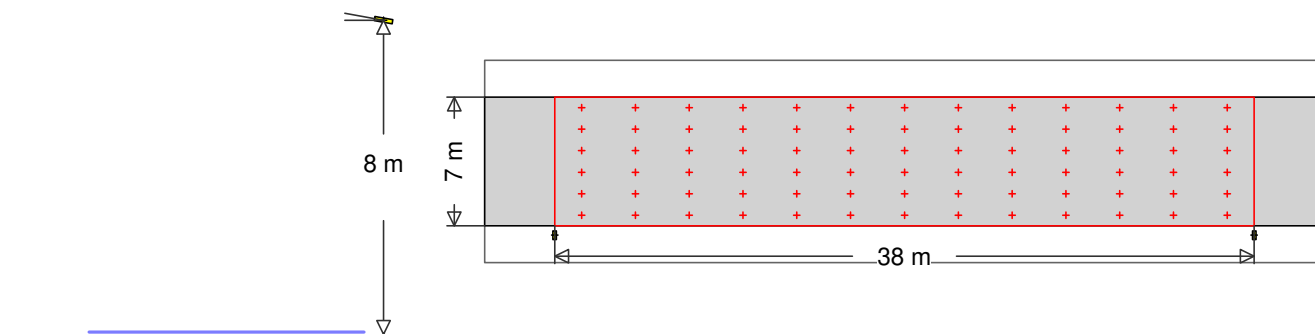
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 58 59. Vasile Stroescu

### 58.1 Summary, 59. Vasile Stroescu

#### 58.1.1 Result overview, 59. Vasile Stroescu



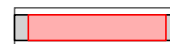
**LUG LIGHT FACTORY**  
 4 Order No. : 130782.7L122.110.050  
 Luminaire name : URBINO LED S ED D4i 5600lm/740 O11 gray II kl. mod. 050  
 Equipment : 1 x LED 4000K 39 W / 5600 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 38.00 m	Height (phot.center)	: 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 <sup>2</sup>	0.43	0.74	8	0.34
1:(y=1.75)	0.71 cd/m <sup>2</sup>	0.43	0.52	13	0.38
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

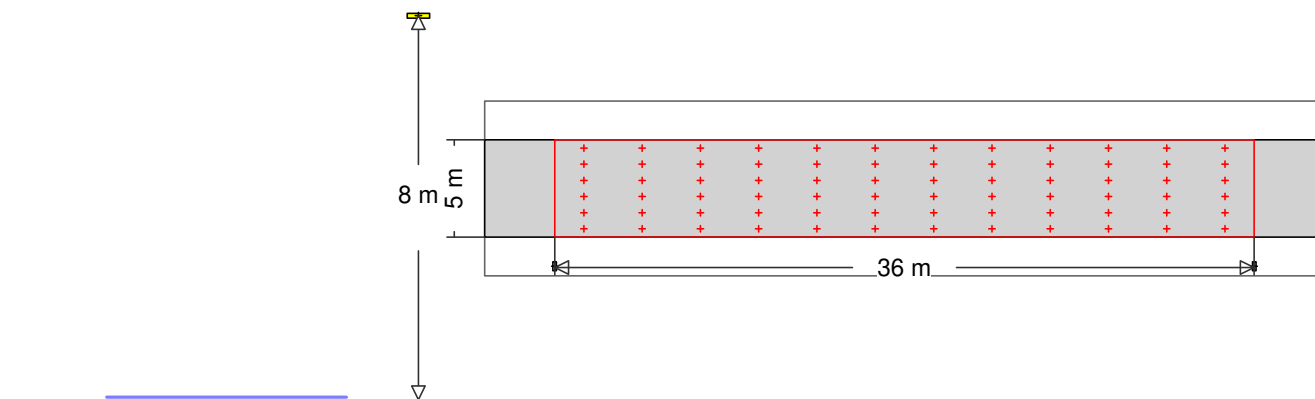
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

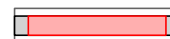
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.54	0.73	7	0.66
1:(y=1.25)	0.40 cd/m <sup>2</sup>	0.55	0.67	10	0.97
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

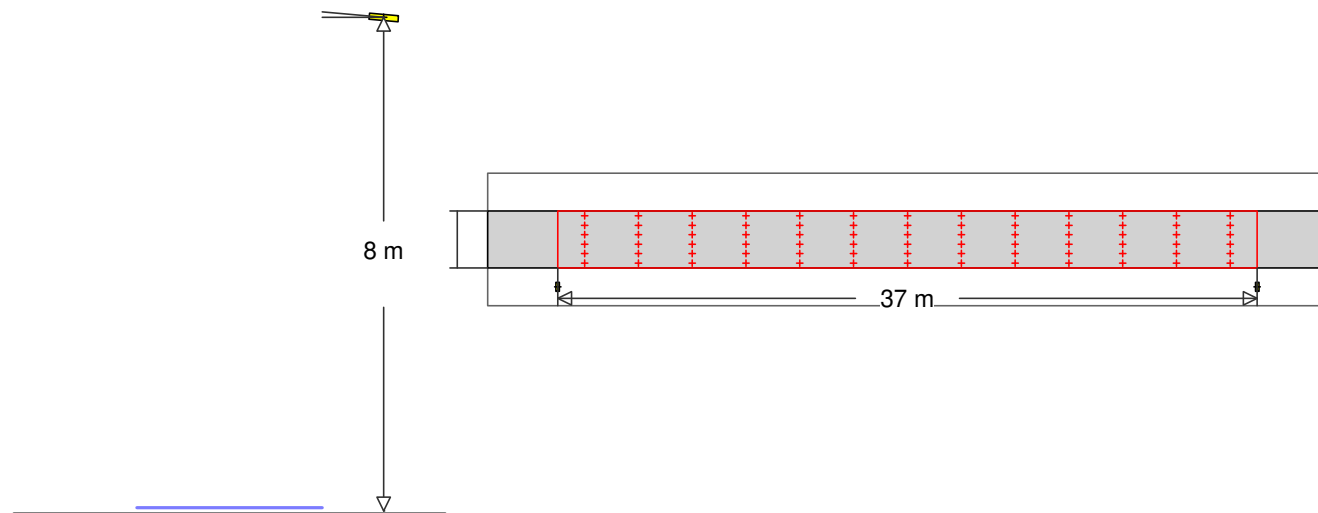
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 60 61. Zamfir Arbore

### 60.1 Summary, 61. Zamfir Arbore

#### 60.1.1 Result overview, 61. Zamfir Arbore



#### LUG LIGHT FACTORY

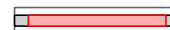
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.64	0.64	8	0.90
1:(y=0.75)	0.45 cd/m <sup>2</sup>	0.62	0.63	8	0.94
M6	$\geq 0.30$ cd/m <sup>2</sup>	$\geq 0.35$	$\geq 0.40$	$\leq 20$	$\geq 0.30$

#### 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

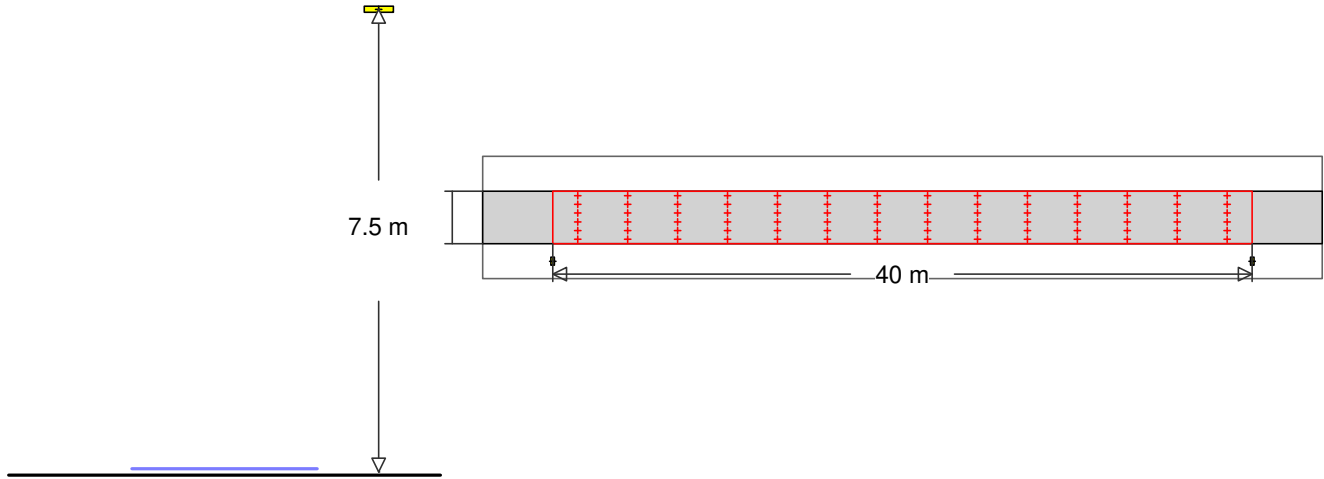
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 61 62. Cartier

### 61.1 Summary, 62. Cartier

#### 61.1.1 Result overview, 62. Cartier



#### LUG LIGHT FACTORY

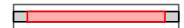
2  
 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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	$\geq 5.00$ lx	$\geq 1.00$ lx		

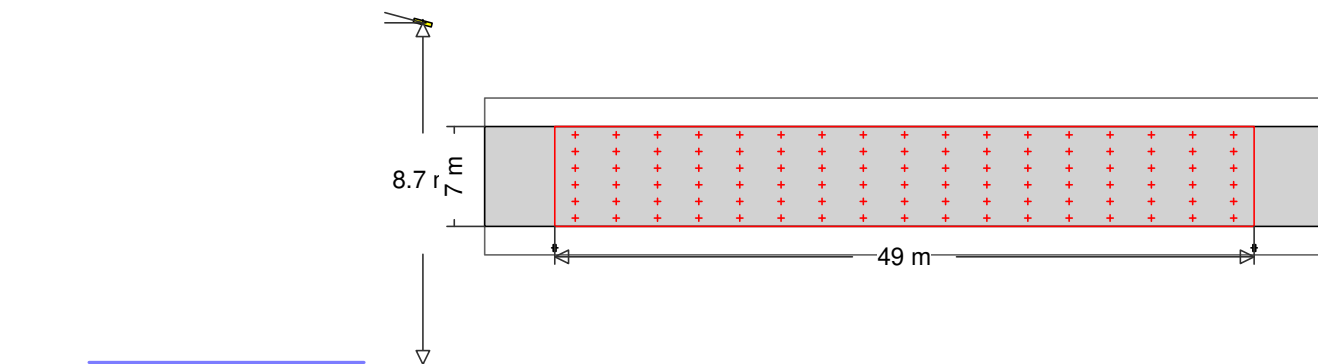
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 62 63. Doinelor

### 62.1 Summary, 63. Doinelor

#### 62.1.1 Result overview, 63. Doinelor



#### LUG LIGHT FACTORY

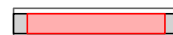
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### 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 <sup>2</sup>	0.43	0.57	8	0.47
1:(y=1.75)	0.36 cd/m <sup>2</sup>	0.44	0.41	14	0.45
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

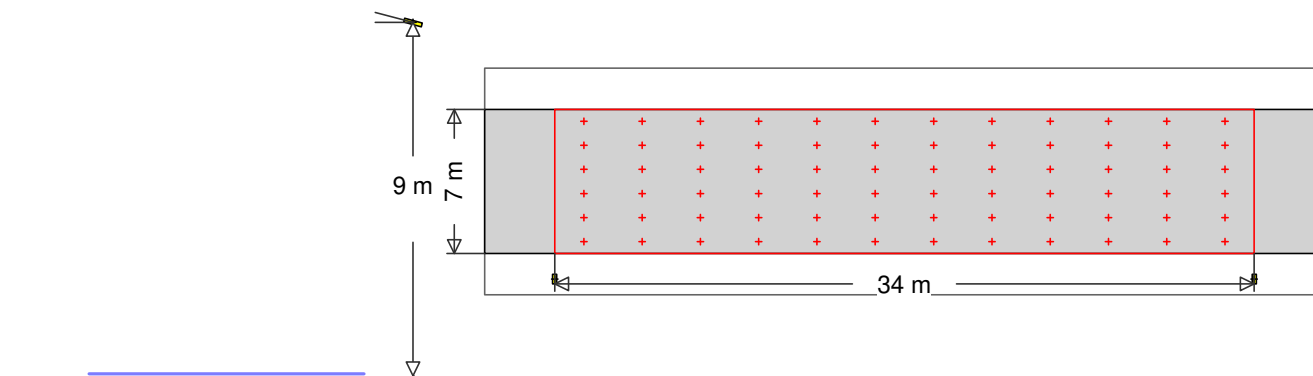
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 63 64. Mihai Viteazu (sector 1)

### 63.1 Summary, 64. Mihai Viteazu (sector 1)

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



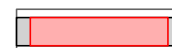
**LUG LIGHT FACTORY**  
 4 Order No. : 130782.7L122.110.050  
 Luminaire name : URBINO LED S ED D4i 5600lm/740 O11 gray II kl. mod. 050  
 Equipment : 1 x LED 4000K 39 W / 5600 lm

#### 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 <sup>2</sup>	0.56	0.89	7	0.55
1:(y=1.75)	0.67 cd/m <sup>2</sup>	0.58	0.81	10	0.42
M6	>= 0.30 cd/m <sup>2</sup>	>= 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



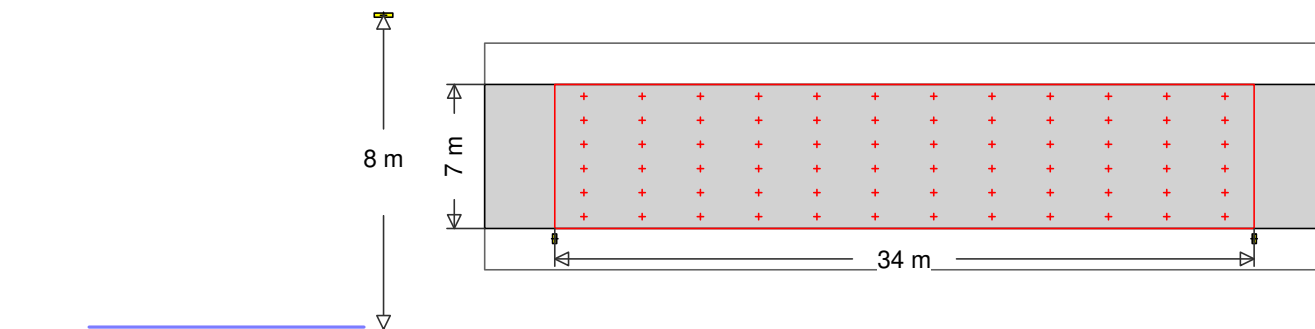
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

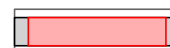
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 34.00 m	Height (phot. centre)	: 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 <sup>2</sup>	0.48	0.80	6	0.51
1:(y=1.75)	0.42 cd/m <sup>2</sup>	0.50	0.72	10	0.82
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

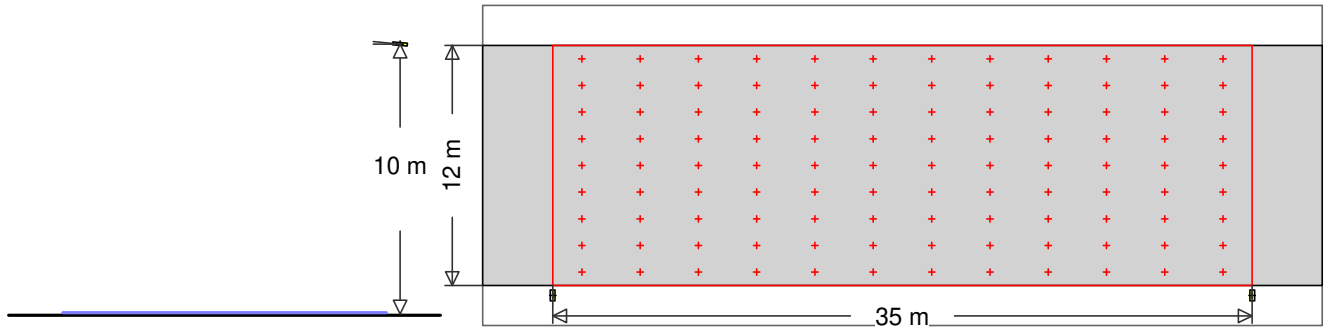
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 65 66. Mihai Viteazu

### 65.1 Summary, 66. Mihai Viteazu

#### 65.1.1 Result overview, 66. Mihai Viteazu



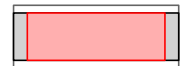
**LUG Light Factory**  
 3 Order No. : 130222.7L782.681.002  
 Luminaire name : URBINO LED ED D4i 9300lm/740 O92 gray II kl. mod. 002  
 Equipment : 1 x LED 59.5 W / 9300 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 35.00 m	Height (phot centre)	: 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 <sup>2</sup>	0.46	0.94	5	0.48
2:(y=6.00)	0.72 cd/m <sup>2</sup>	0.47	0.81	8	
1:(y=2.00)	0.66 cd/m <sup>2</sup>	0.49	0.83	10	0.52
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

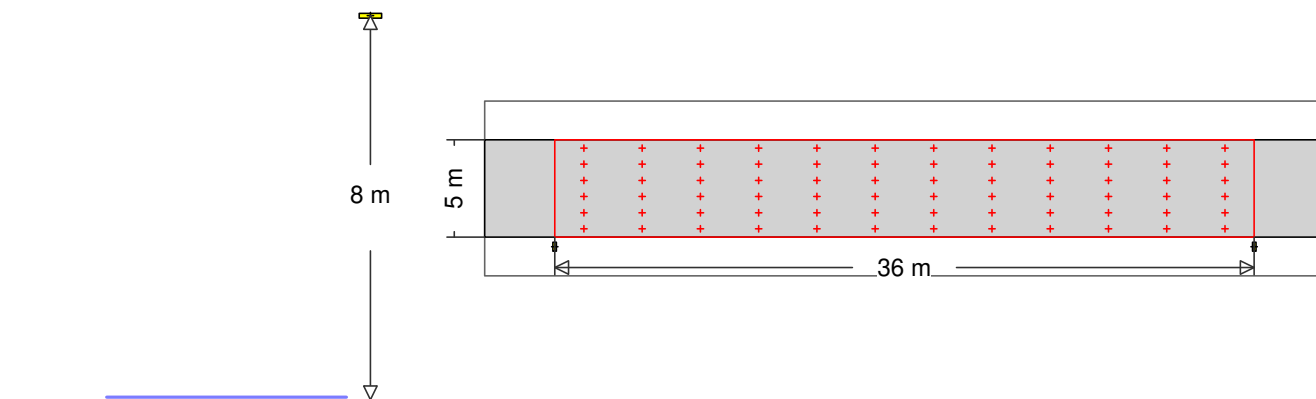
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

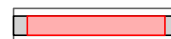
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.56	0.70	8	0.72
1:(y=1.25)	0.45 cd/m <sup>2</sup>	0.55	0.67	9	0.87
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

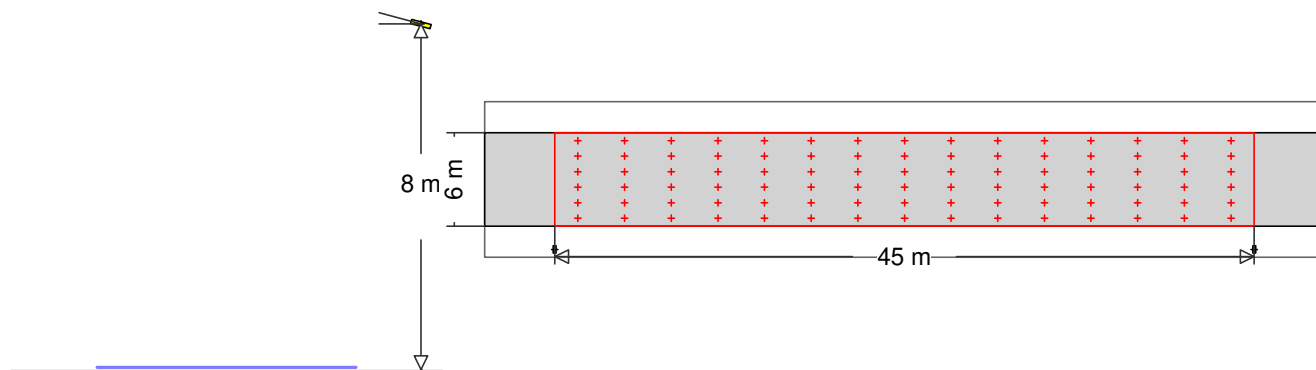
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 67 68. Nicolae Gribov

### 67.1 Summary, 68. Nicolae Gribov

#### 67.1.1 Result overview, 68. Nicolae Gribov



#### LUG LIGHT FACTORY

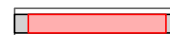
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot.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 : 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 <sup>2</sup>	0.45	0.55	9	0.52
1:(y=1.50)	0.43 cd/m <sup>2</sup>	0.46	0.41	14	0.50
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

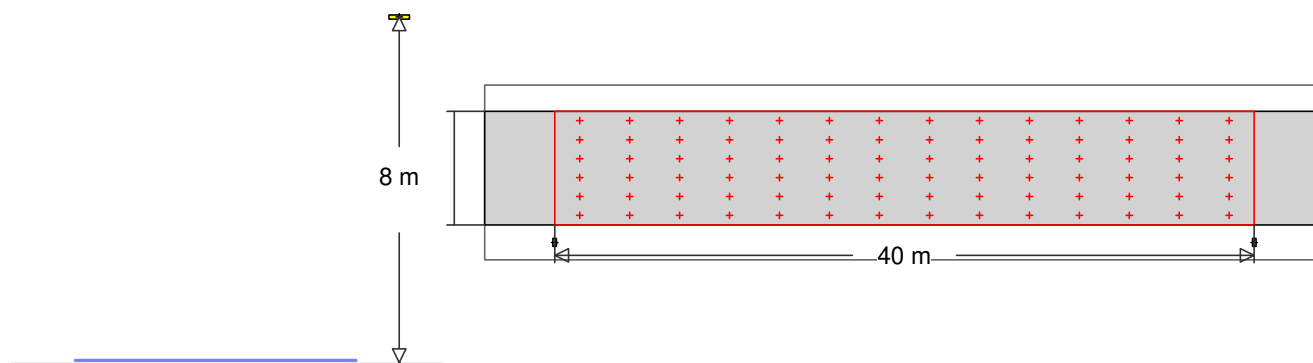
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 68 69. Nucilor

### 68.1 Summary, 69. Nucilor

#### 68.1.1 Result overview, 69. Nucilor



#### LUG LIGHT FACTORY

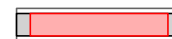
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 40.00 m	Height (phot.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 : 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 <sup>2</sup>	0.45	0.70	7	0.53
1:(y=1.63)	0.35 cd/m <sup>2</sup>	0.46	0.57	11	0.89
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

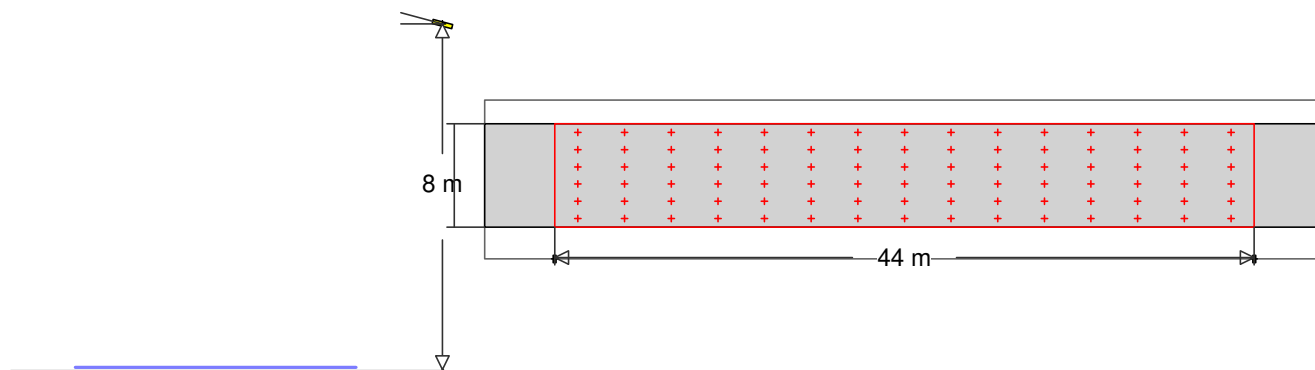
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 69 70. Nufărul Alb

### 69.1 Summary, 70. Nufărul Alb

#### 69.1.1 Result overview, 70. Nufărul Alb



#### LUG LIGHT FACTORY

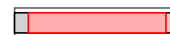
4 Order No. : 130782.7L122.110.050  
 Luminaire name : URBINO LED S ED D4i 5600lm/740 O11 gray II kl. mod. 050  
 Equipment : 1 x LED 4000K 39 W / 5600 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 44.00 m	Height (phot centre)	: 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 <sup>2</sup>	0.44	0.67	8	0.43
1:(y=1.63)	0.51 cd/m <sup>2</sup>	0.46	0.48	14	0.60
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

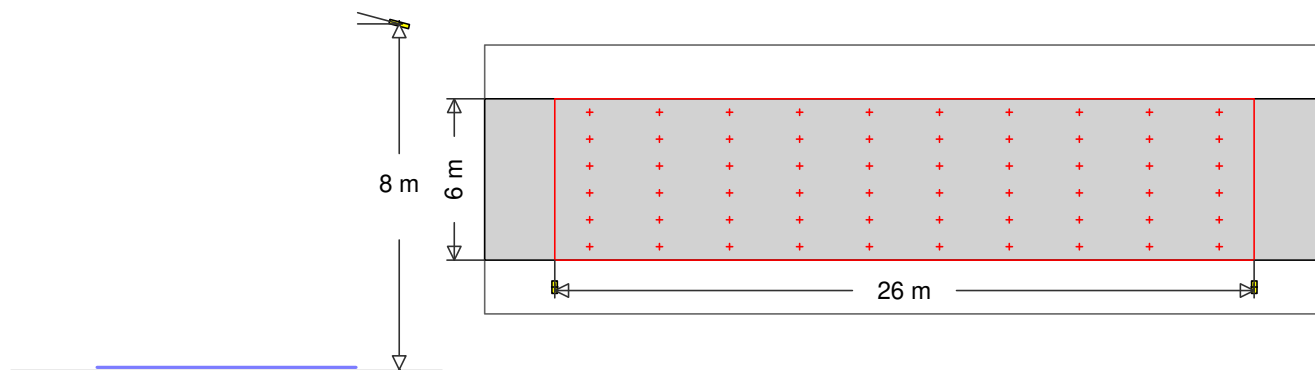
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 70 71. Orhei

### 70.1 Summary, 71. Orhei

#### 70.1.1 Result overview, 71. Orhei



#### LUG LIGHT FACTORY

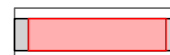
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.65	0.91	6	0.72
1:(y=1.50)	0.49 cd/m <sup>2</sup>	0.67	0.80	7	0.82
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

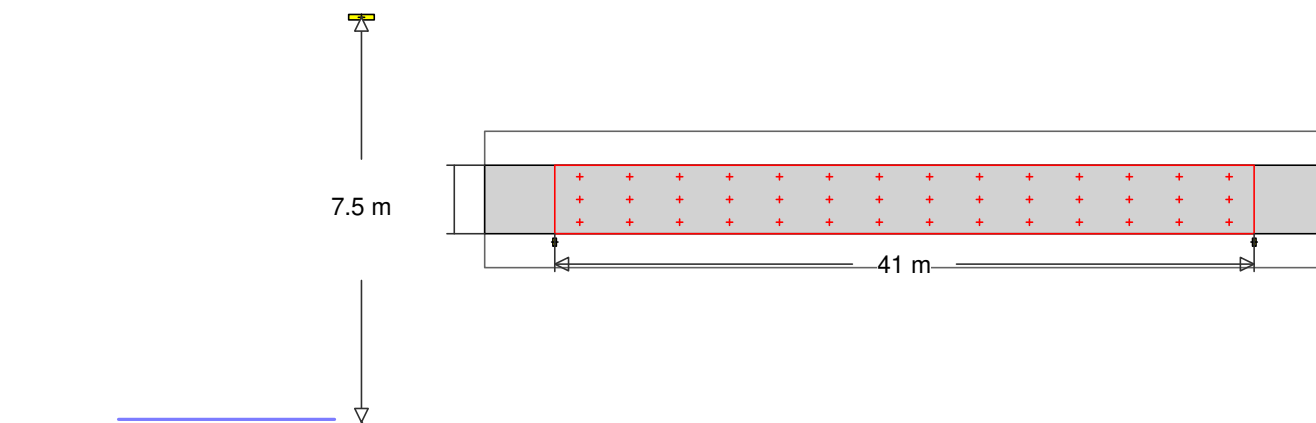
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



**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**

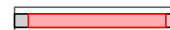
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

**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 <sup>2</sup>	0.53	0.46	10	0.64
M6	>= 0.30 cd/m <sup>2</sup>	>= 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



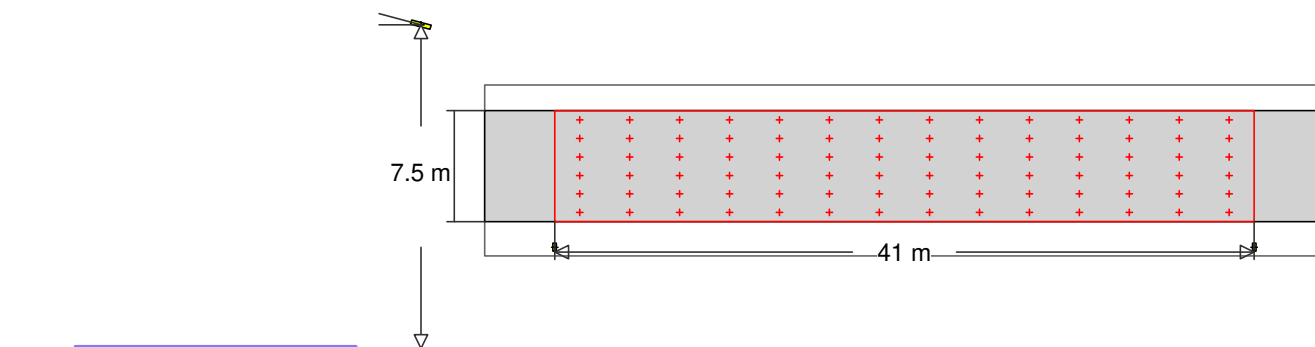
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 72 73. Alexei Mateevici

### 72.1 Summary, 73. Alexei Mateevici

#### 72.1.1 Result overview, 73. Alexei Mateevici



#### LUG LIGHT FACTORY

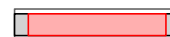
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 41.00 m	Height (phot.center)	: 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 <sup>2</sup>	0.42	0.66	8	0.39
1:(y=1.63)	0.47 cd/m <sup>2</sup>	0.43	0.46	15	0.48
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

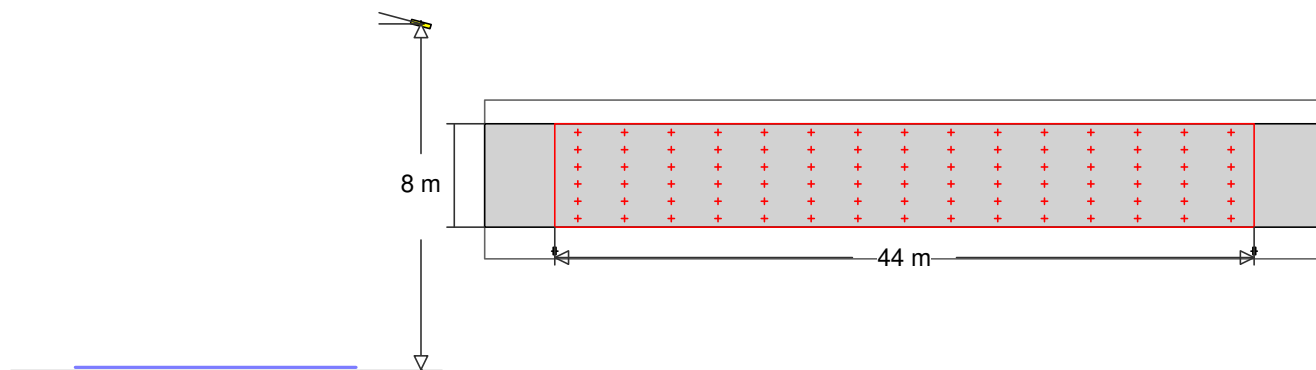
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 73 74. Alexandru Plămădeală

### 73.1 Summary, 74. Alexandru Plămădeală

#### 73.1.1 Result overview, 74. Alexandru Plămădeală



#### LUG LIGHT FACTORY

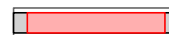
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### 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 <sup>2</sup>	0.44	0.62	8	0.45
1:(y=1.63)	0.43 cd/m <sup>2</sup>	0.45	0.44	14	0.48
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

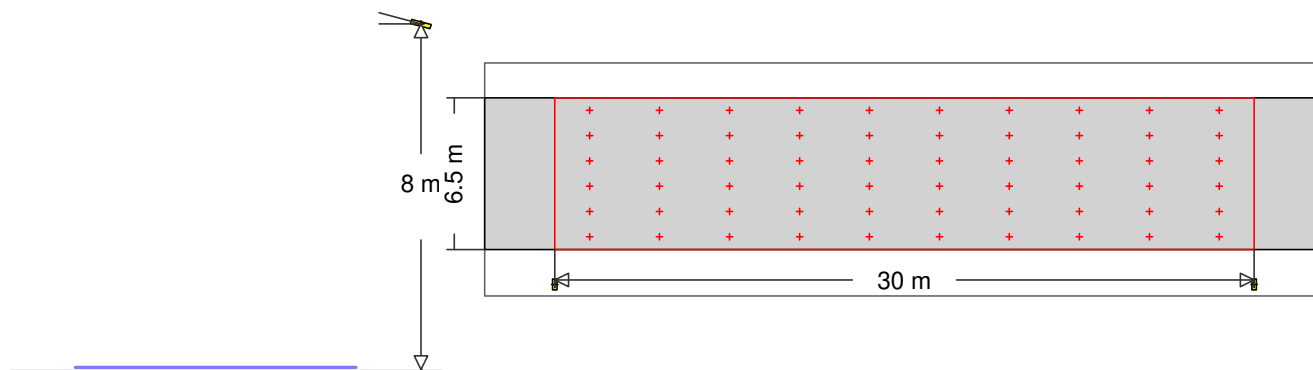
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 74 75. Alexandru Puşkin

### 74.1 Summary, 75. Alexandru Puşkin

#### 74.1.1 Result overview, 75. Alexandru Puşkin



#### LUG LIGHT FACTORY

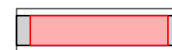
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 30.00 m	Height (phot.center)	: 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 <sup>2</sup>	0.51	0.93	6	0.46
1:(y=1.63)	0.63 cd/m <sup>2</sup>	0.55	0.82	11	0.48
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

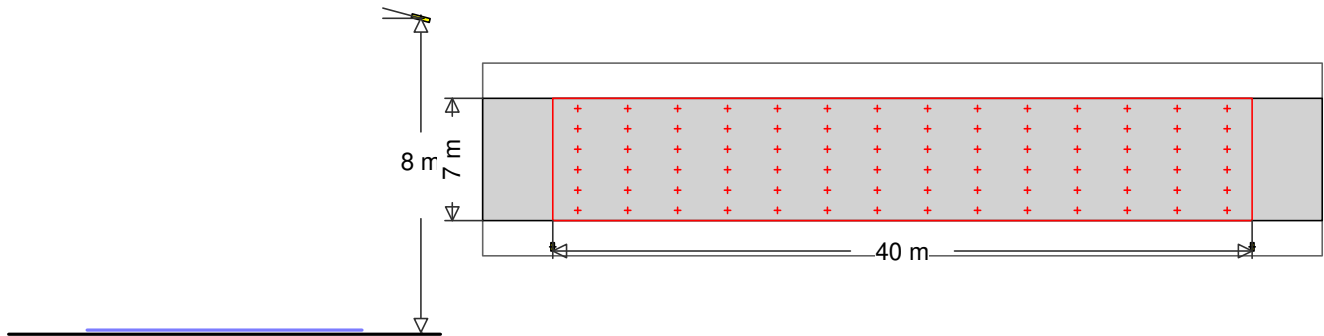
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 75 76. Alexei Sciusev (sector 1)

### 75.1 Summary, 76. Alexei Sciusev (sector 1)

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



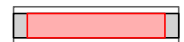
**LUG LIGHT FACTORY**  
 4 Order No. : 130782.7L122.110.050  
 Luminaire name : URBINO LED S ED D4i 5600lm/740 O11 gray II kl. mod. 050  
 Equipment : 1 x LED 4000K 39 W / 5600 lm

#### 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 <sup>2</sup>	0.44	0.75	8	0.41
1:(y=1.75)	0.58 cd/m <sup>2</sup>	0.46	0.54	13	0.47
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

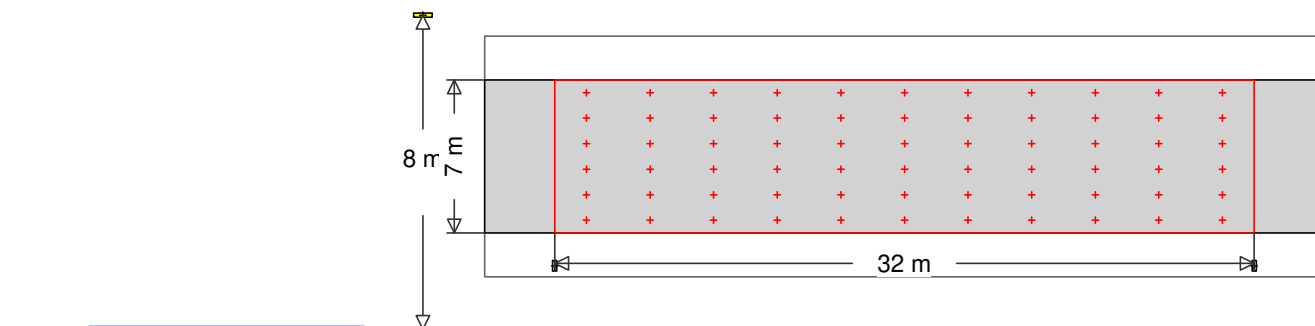
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 76 77. Alexei Sciusev

### 76.1 Summary, 77. Alexei Sciusev

#### 76.1.1 Result overview, 77. Alexei Sciusev



#### LUG LIGHT FACTORY

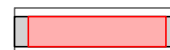
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.47	0.89	5	0.45
1:(y=1.75)	0.39 cd/m <sup>2</sup>	0.50	0.76	10	0.95
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

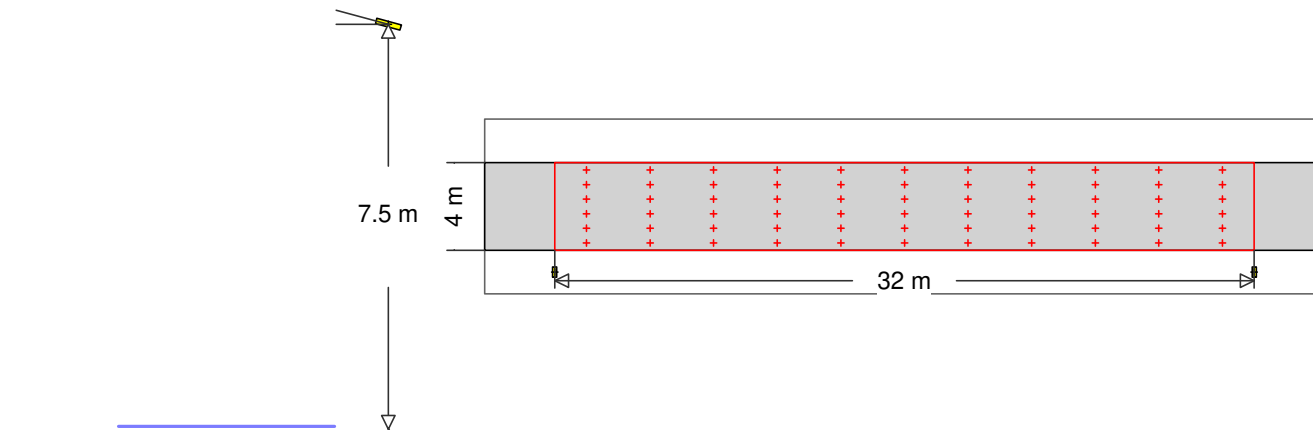
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 77 78. Andrei Ciurunga

### 77.1 Summary, 78. Andrei Ciurunga

#### 77.1.1 Result overview, 78. Andrei Ciurunga



#### LUG LIGHT FACTORY

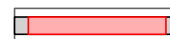
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.63	0.69	8	0.84
1:(y=1.00)	0.46 cd/m <sup>2</sup>	0.63	0.66	8	0.88
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

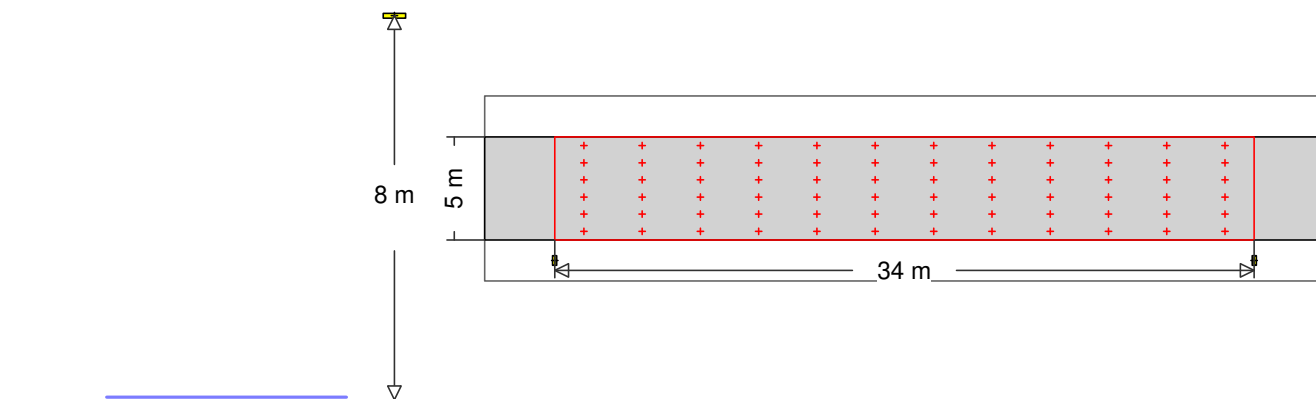
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 78 79. Fântânilor

### 78.1 Summary, 79. Fântânilor

#### 78.1.1 Result overview, 79. Fântânilor



#### LUG LIGHT FACTORY

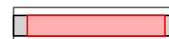
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.57	0.76	7	0.69
1:(y=1.25)	0.45 cd/m <sup>2</sup>	0.57	0.72	9	0.92
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

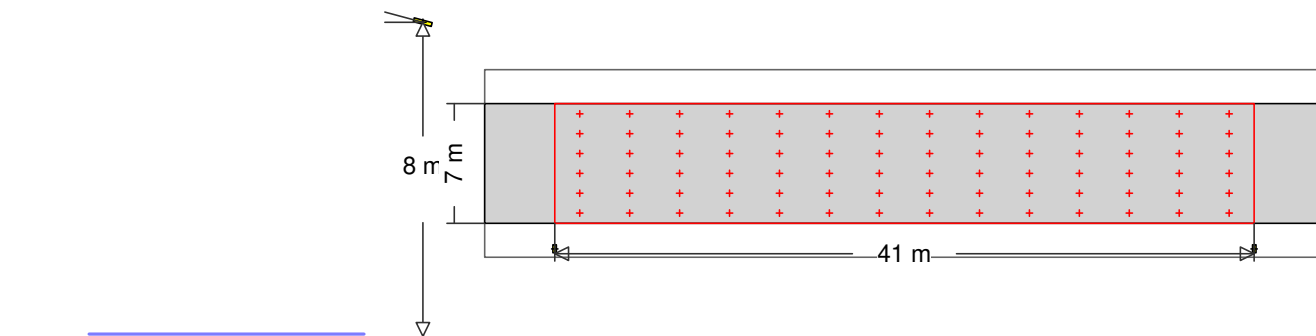
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 79 80.Plugarilor

### 79.1 Summary, 80.Plugarilor

#### 79.1.1 Result overview, 80.Plugarilor



#### LUG LIGHT FACTORY

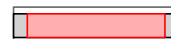
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 41.00 m	Height (phot centre)	: 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	$\bar{L}_m$	$U_o$	$U_l$	fTI	REI
2:(y=5.25)	0.49 cd/m <sup>2</sup>	0.44	0.72	7	0.39
1:(y=1.75)	0.44 cd/m <sup>2</sup>	0.45	0.51	13	0.45
M6	>= 0.30 cd/m <sup>2</sup>	>= 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



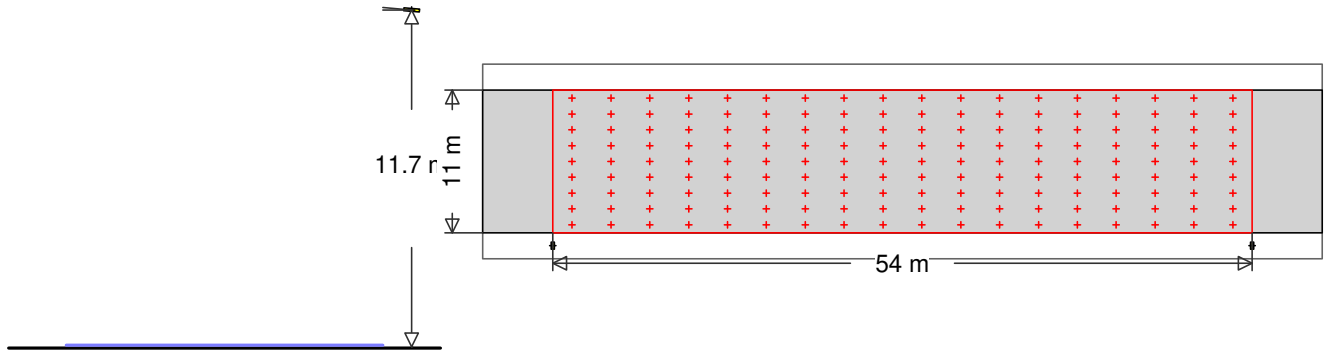
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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 <sup>2</sup>	0.49	0.80	8	0.72
2:(y=5.50)	0.62 cd/m <sup>2</sup>	0.50	0.74	12	
1:(y=1.83)	0.56 cd/m <sup>2</sup>	0.52	0.78	12	0.57
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

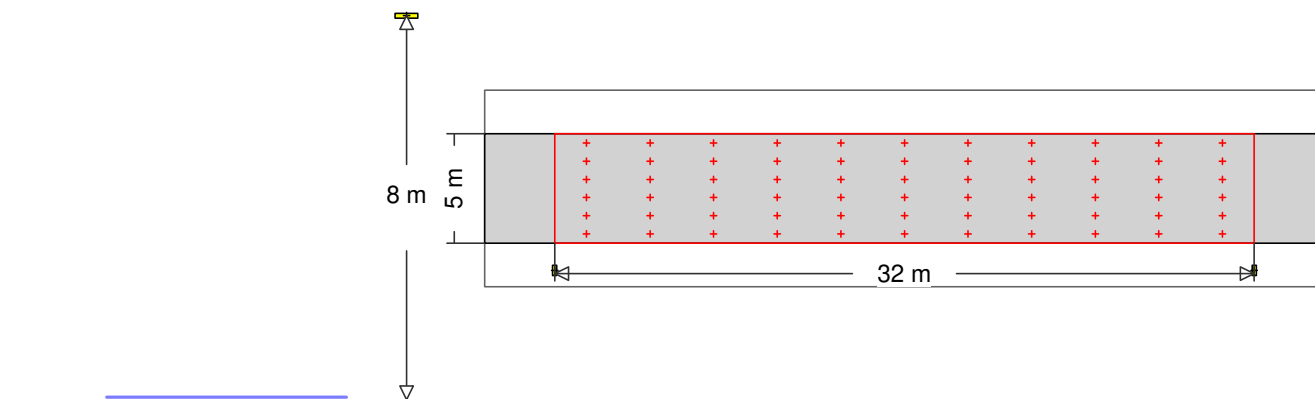
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

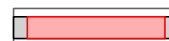
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.58	0.81	7	0.68
1:(y=1.25)	0.47 cd/m <sup>2</sup>	0.59	0.76	9	0.94
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

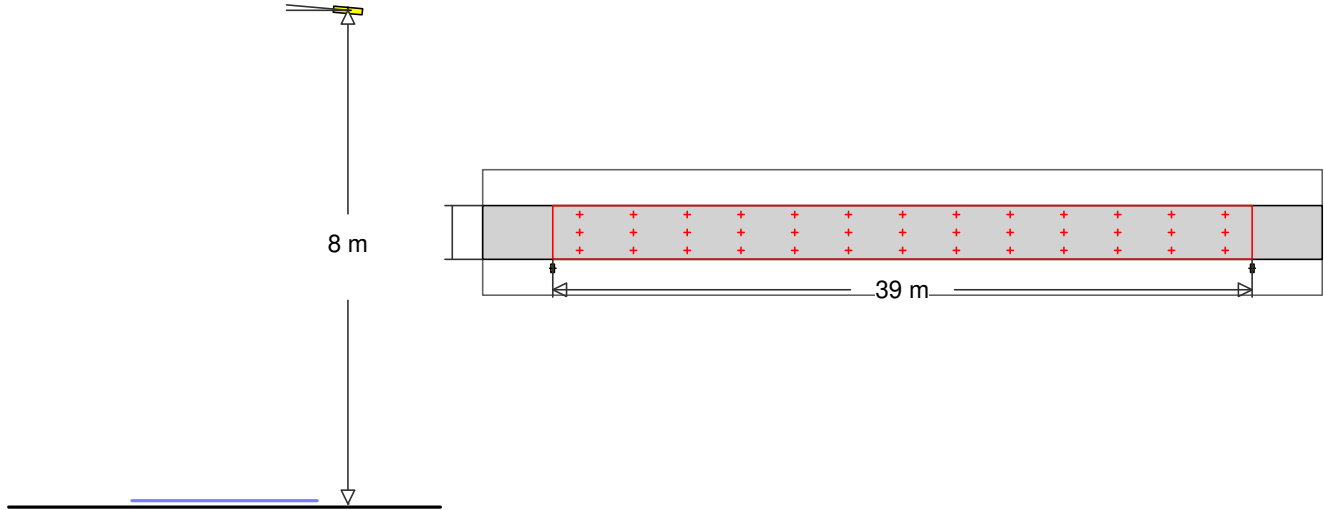
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 82 83. Alecu Russo, Amintiilor

### 82.1 Summary, 83. Alecu Russo, Amintiilor

#### 82.1.1 Result overview, 83. Alecu Russo, Amintiilor



#### LUG LIGHT FACTORY

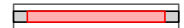
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 39.00 m	Height (phot.center)	: 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 <sup>2</sup>	0.65	0.57	8	0.82
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

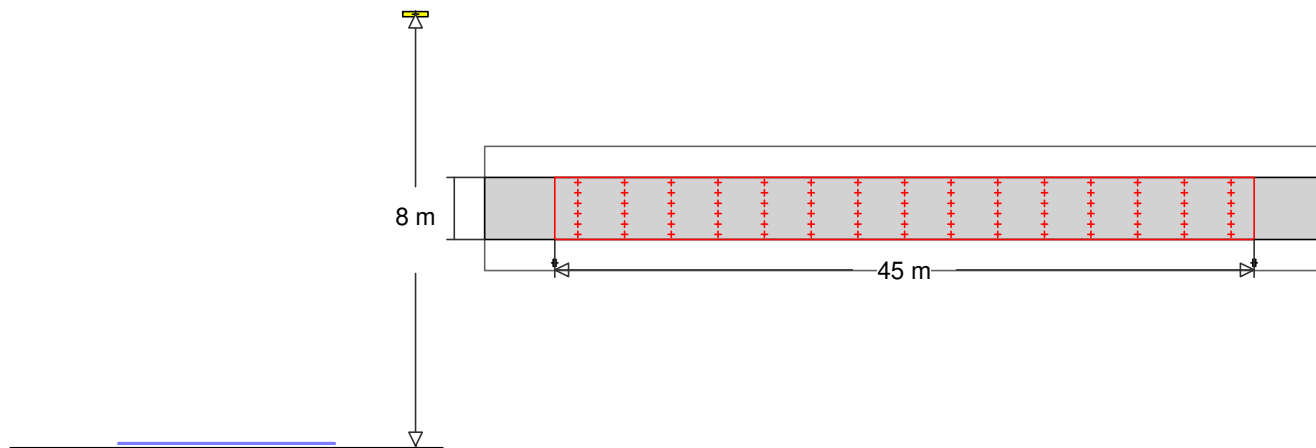
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 83 84. Haiducilor

### 83.1 Summary, 84. Haiducilor

#### 83.1.1 Result overview, 84. Haiducilor



#### LUG LIGHT FACTORY

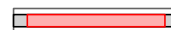
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.50	0.50	9	0.77
1:(y=1.00)	0.34 cd/m <sup>2</sup>	0.50	0.42	11	0.97
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

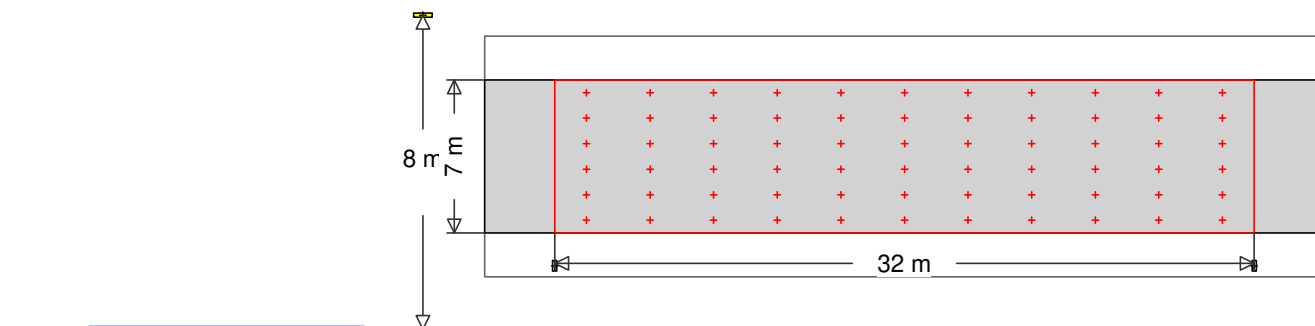
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

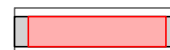
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.47	0.89	5	0.45
1:(y=1.75)	0.39 cd/m <sup>2</sup>	0.50	0.76	10	0.95
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

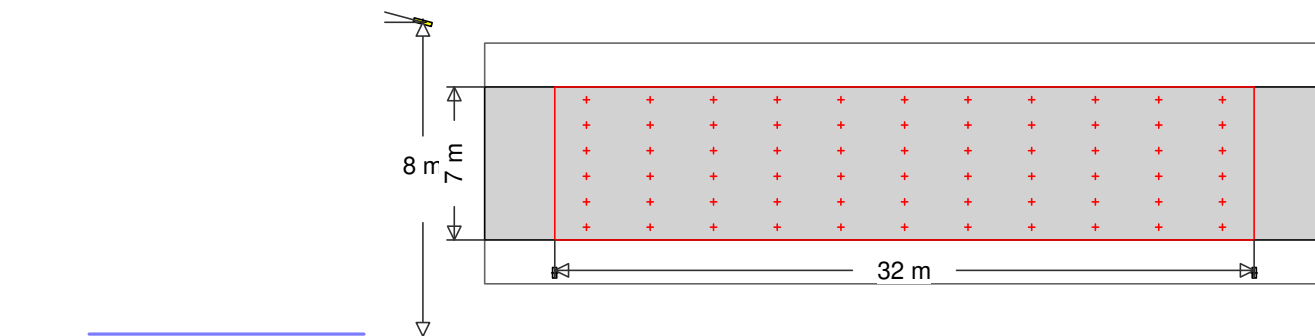
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 85 86. Păcii

### 85.1 Summary, 86. Păcii

#### 85.1.1 Result overview, 86. Păcii



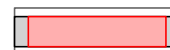
**LUG LIGHT FACTORY**  
 4 Order No. : 130782.7L122.110.050  
 Luminaire name : URBINO LED S ED D4i 5600lm/740 O11 gray II kl. mod. 050  
 Equipment : 1 x LED 4000K 39 W / 5600 lm

#### 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 <sup>2</sup>	0.47	0.91	7	0.41
1:(y=1.75)	0.73 cd/m <sup>2</sup>	0.50	0.77	11	0.47
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

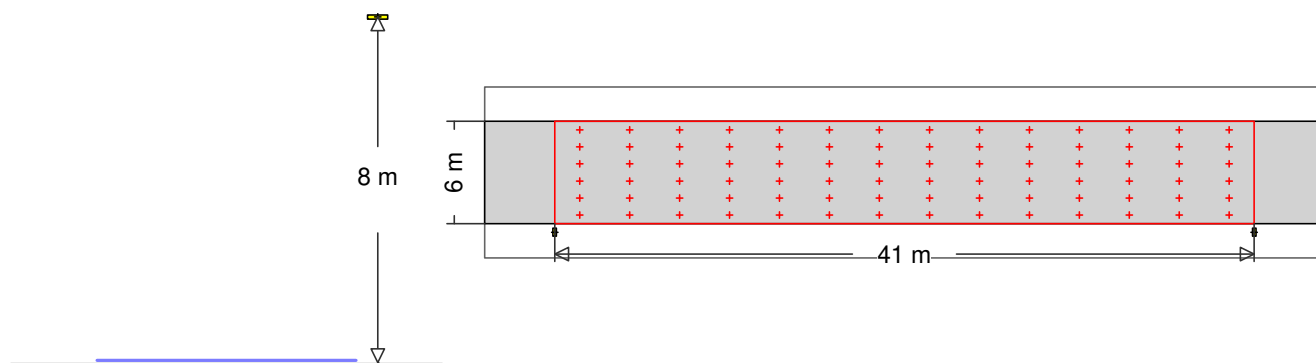
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 86 87. Sanatoriului (sector 1)

### 86.1 Summary, 87. Sanatoriului (sector 1)

#### 86.1.1 Result overview, 87. Sanatoriului (sector 1)



#### LUG LIGHT FACTORY

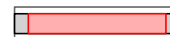
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.47	0.62	8	0.61
1:(y=1.50)	0.37 cd/m <sup>2</sup>	0.46	0.53	10	0.85
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

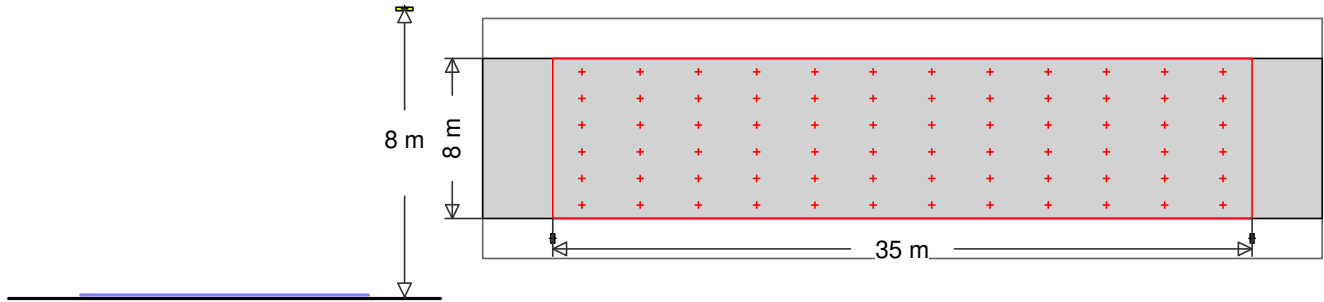
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 87 88. Sanatoriului

### 87.1 Summary, 88. Sanatoriului

#### 87.1.1 Result overview, 88. Sanatoriului



#### LUG LIGHT FACTORY

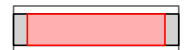
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.42	0.84	5	0.38
1:(y=2.00)	0.36 cd/m <sup>2</sup>	0.45	0.70	11	0.87
M6	>= 0.30 cd/m <sup>2</sup>	>= 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



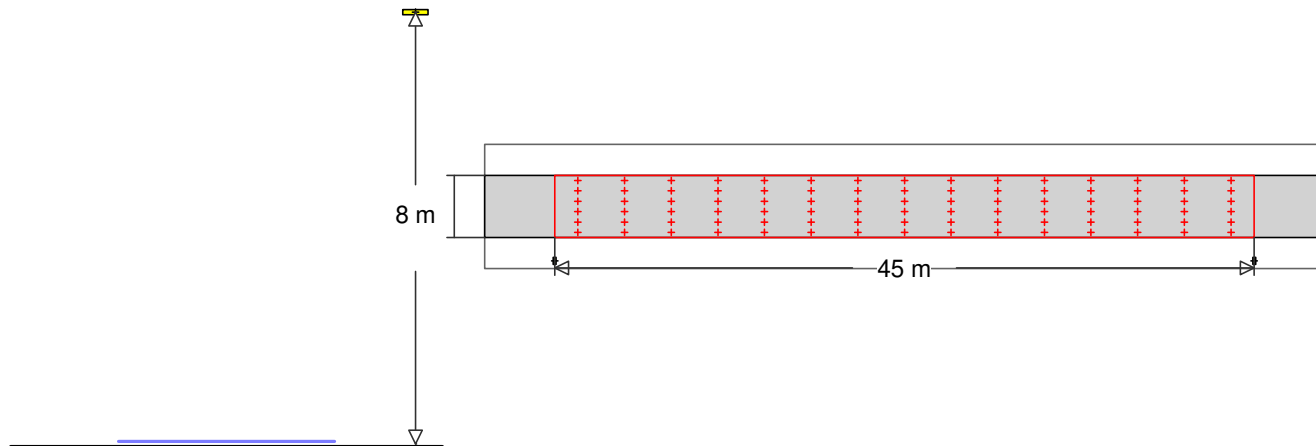
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

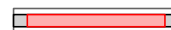
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.50	0.50	9	0.77
1:(y=1.00)	0.34 cd/m <sup>2</sup>	0.50	0.42	11	0.97
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

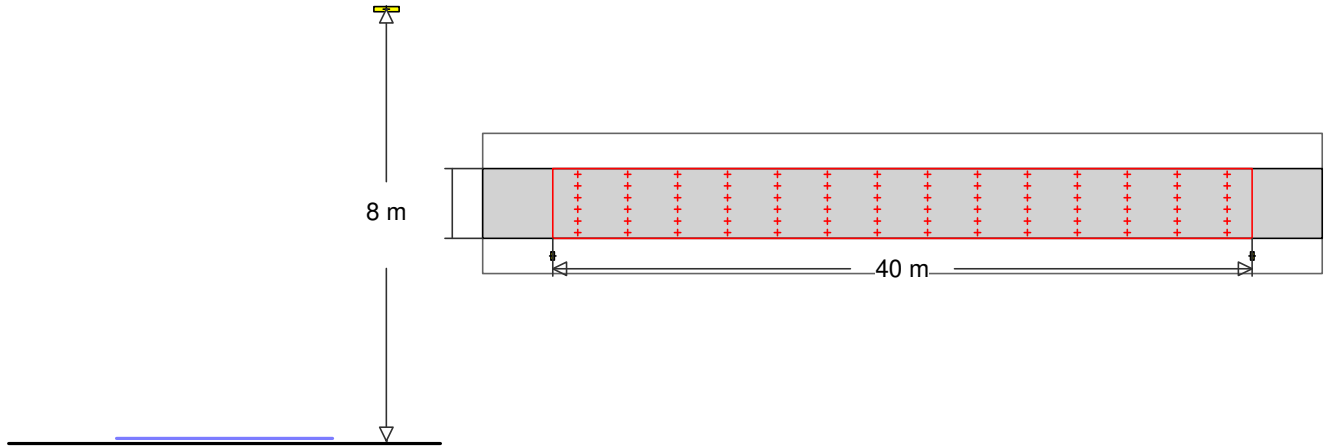
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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 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 : 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 <sup>2</sup>	0.56	0.61	8	0.79
1:(y=1.00)	0.41 cd/m <sup>2</sup>	0.55	0.56	10	0.93
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

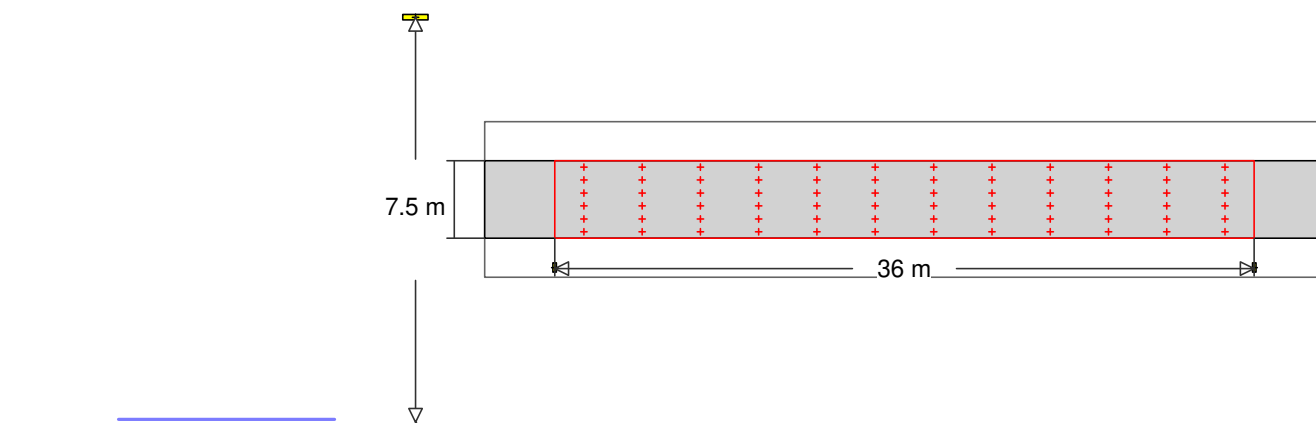
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 90 91. Călărași

### 90.1 Summary, 91. Călărași

#### 90.1.1 Result overview, 91. Călărași



#### LUG LIGHT FACTORY

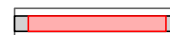
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.55	0.67	8	0.74
1:(y=1.00)	0.44 cd/m <sup>2</sup>	0.55	0.60	11	0.98
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

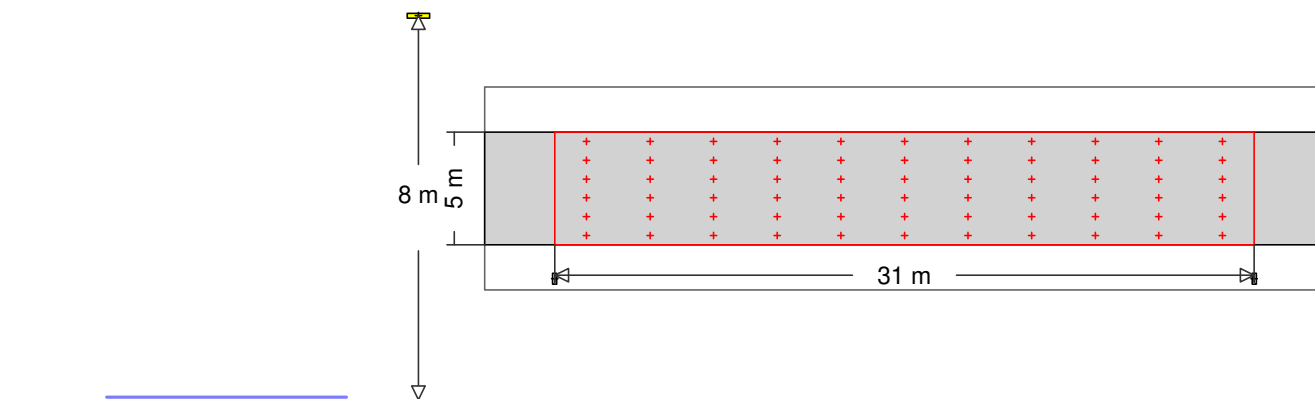
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 91 92. Doctor Petrea Cazacu

### 91.1 Summary, 92. Doctor Petrea Cazacu

#### 91.1.1 Result overview, 92. Doctor Petrea Cazacu



#### LUG LIGHT FACTORY

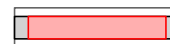
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.59	0.84	6	0.67
1:(y=1.25)	0.46 cd/m <sup>2</sup>	0.60	0.78	9	0.97
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

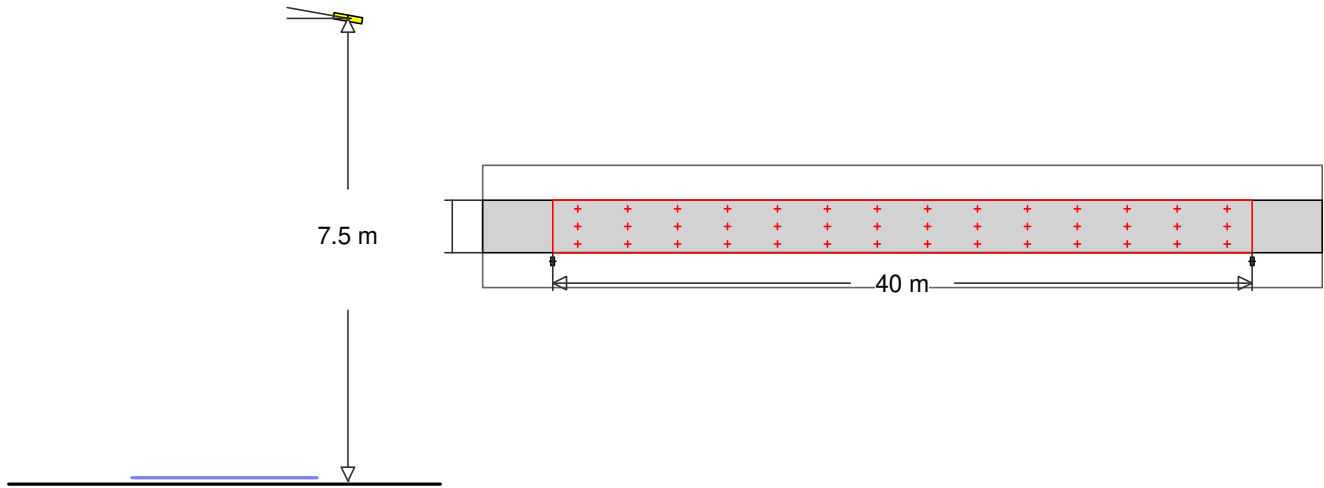
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 92 93. Gura Frumoasei

### 92.1 Summary, 93. Gura Frumoasei

#### 92.1.1 Result overview, 93. Gura Frumoasei



#### LUG LIGHT FACTORY

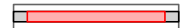
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.57	0.46	9	0.78
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

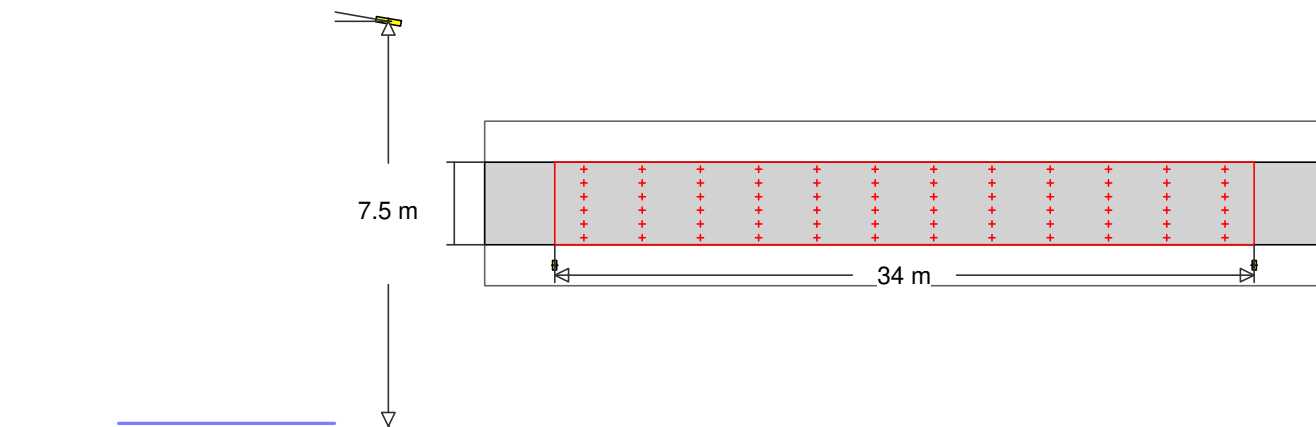
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 93 94. Maria Cebotari

### 93.1 Summary, 94. Maria Cebotari

#### 93.1.1 Result overview, 94. Maria Cebotari



#### LUG LIGHT FACTORY

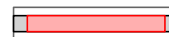
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 34.00 m	Height (phot.center)	: 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 <sup>2</sup>	0.60	0.66	8	0.82
1:(y=1.00)	0.46 cd/m <sup>2</sup>	0.59	0.62	9	0.90
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

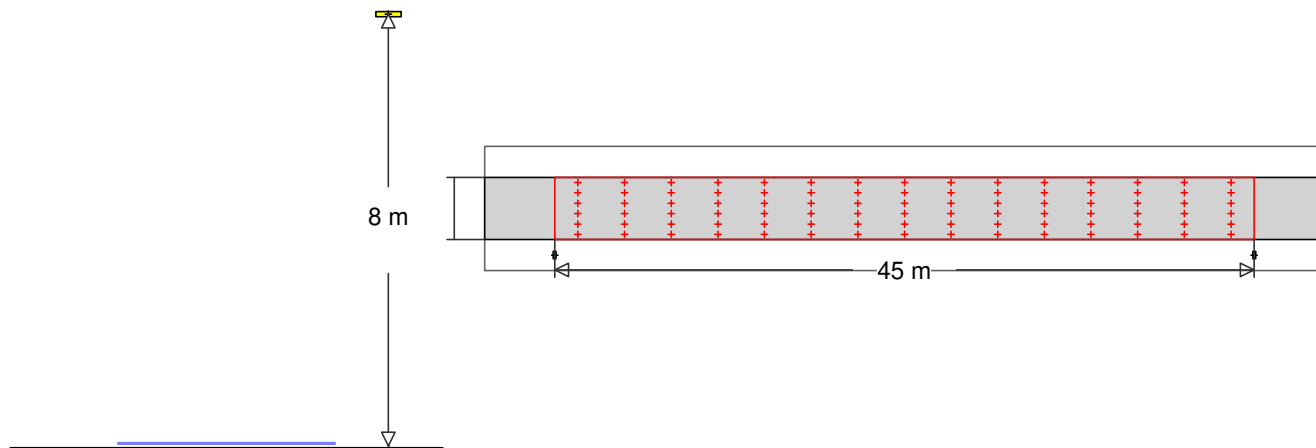
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 94 95. Mihail Solohov

### 94.1 Summary, 95. Mihail Solohov

#### 94.1.1 Result overview, 95. Mihail Solohov



#### LUG LIGHT FACTORY

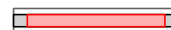
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.50	0.48	9	0.79
1:(y=1.00)	0.37 cd/m <sup>2</sup>	0.49	0.42	11	0.93
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

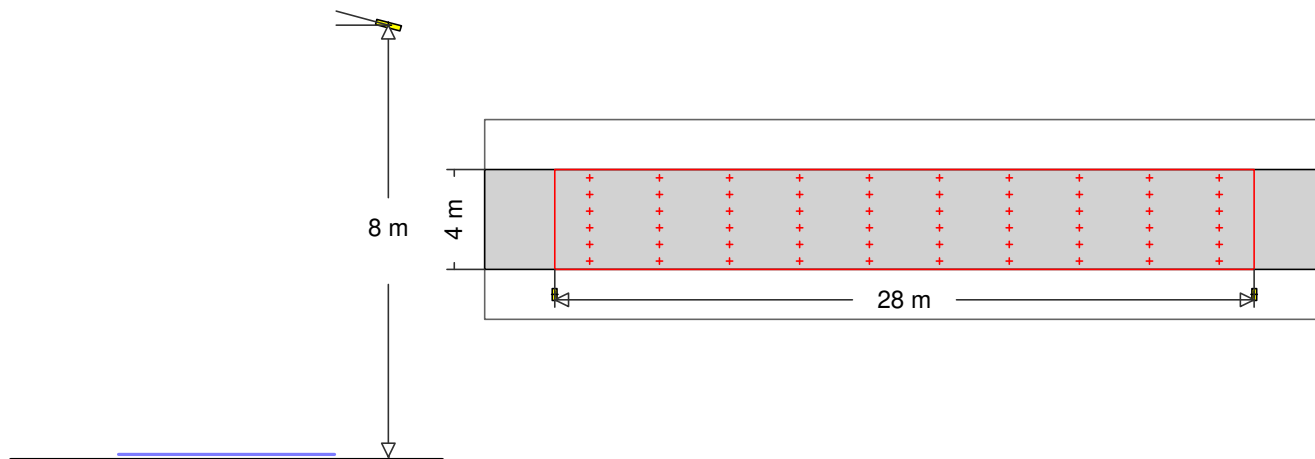
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 95 96. Mircești, 9 Mai

### 95.1 Summary, 96. Mircești, 9 Mai

#### 95.1.1 Result overview, 96. Mircești, 9 Mai



#### LUG LIGHT FACTORY

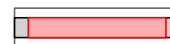
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.70	0.79	7	0.86
1:(y=1.00)	0.50 cd/m <sup>2</sup>	0.69	0.78	7	0.88
M6	>= 0.30 cd/m <sup>2</sup>	>= 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



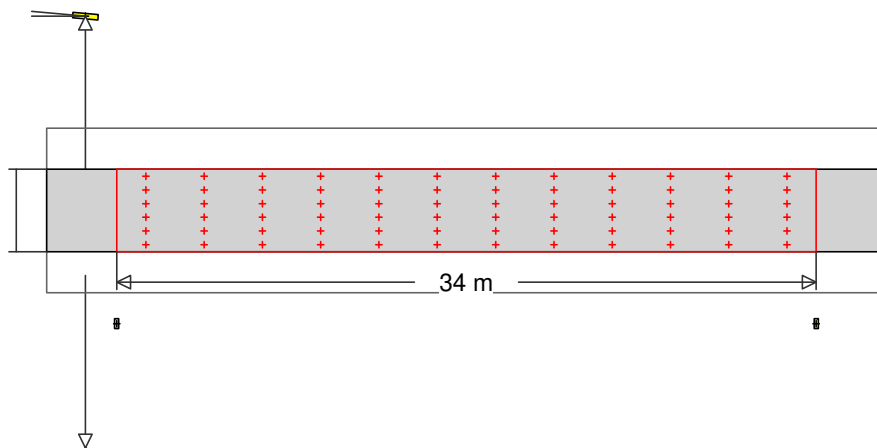
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 96 97. Unirii

### 96.1 Summary, 97. Unirii

#### 96.1.1 Result overview, 97. Unirii



#### LUG LIGHT FACTORY

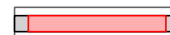
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 34.00 m	Height (phot.center)	: 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 <sup>2</sup>	0.43	0.82	5	0.35
1:(y=1.00)	0.43 cd/m <sup>2</sup>	0.44	0.71	11	1.20
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

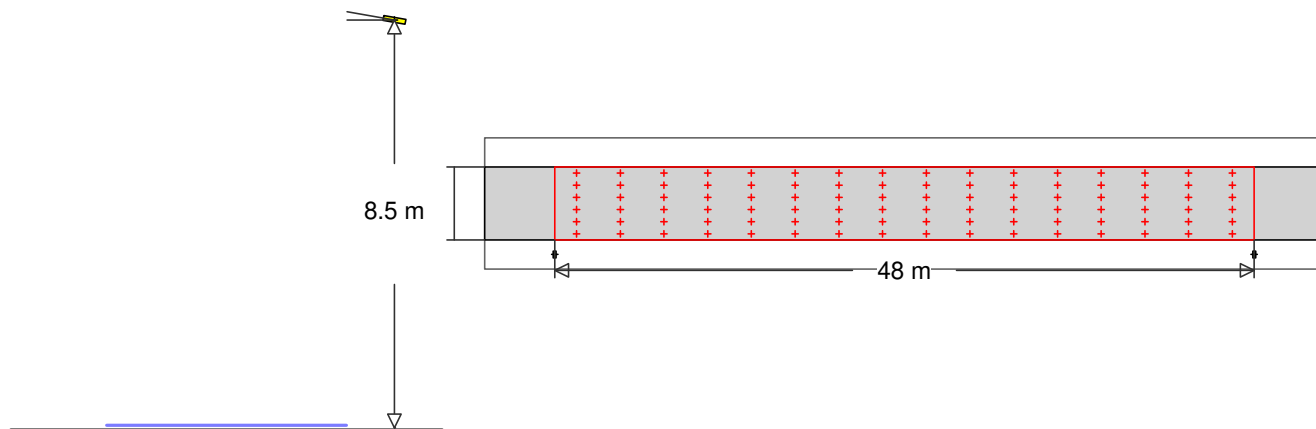
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 97 98. Valea Rece

### 97.1 Summary, 98. Valea Rece

#### 97.1.1 Result overview, 98. Valea Rece



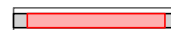
**LUG Light Factory**  
 5 Order No. : 130782.7L122.140.017  
 Luminaire name : URBINO LED S ED D4i 4000lm/740 O14 gray II kl. mod. 017  
 Equipment : 1 x LED 26 W / 4000 lm

#### 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 <sup>2</sup>	0.55	0.64	11	0.80
1:(y=1.25)	0.33 cd/m <sup>2</sup>	0.55	0.60	13	0.77
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

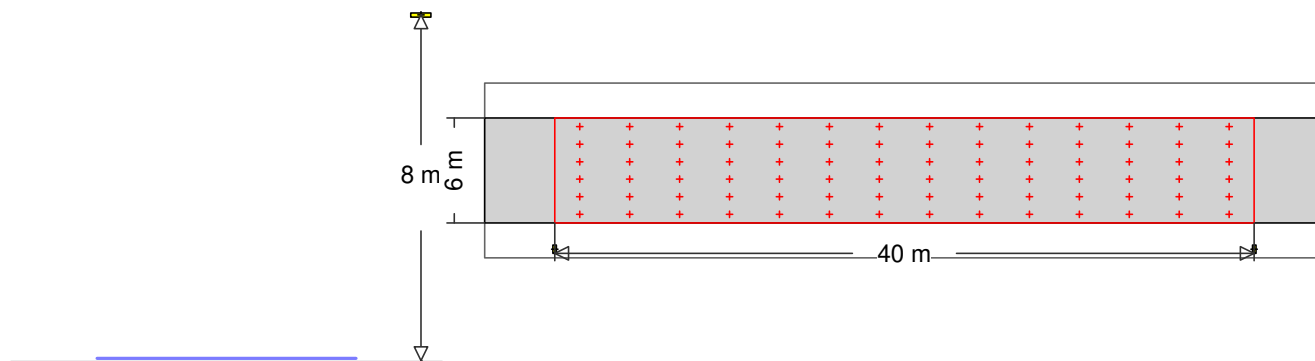
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 98 99. Eroilor

### 98.1 Summary, 99. Eroilor

#### 98.1.1 Result overview, 99. Eroilor



#### LUG LIGHT FACTORY

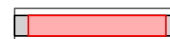
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.47	0.70	7	0.56
1:(y=1.50)	0.34 cd/m <sup>2</sup>	0.48	0.58	11	0.96
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

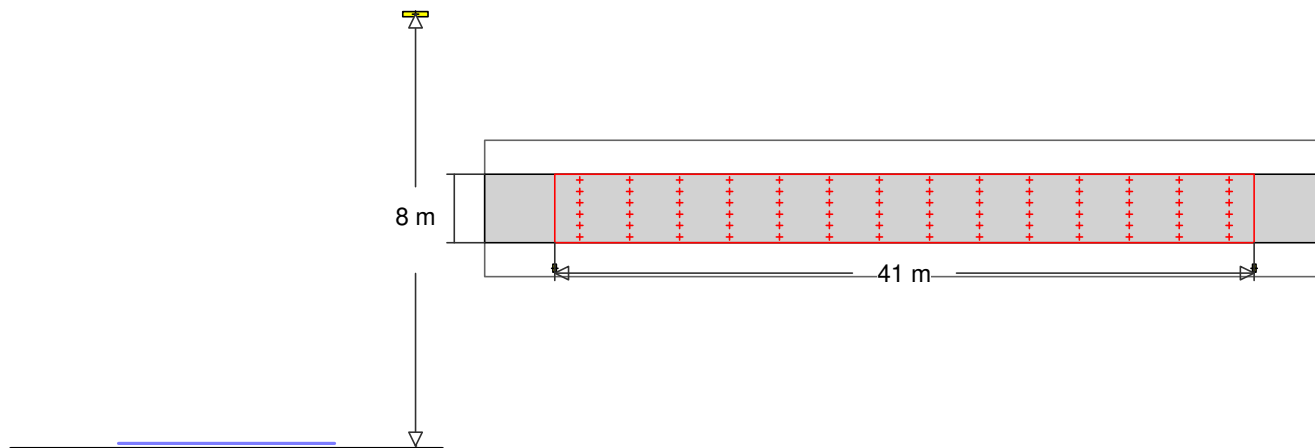
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

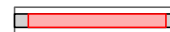
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.55	0.60	9	0.77
1:(y=1.00)	0.38 cd/m <sup>2</sup>	0.54	0.53	10	0.97
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

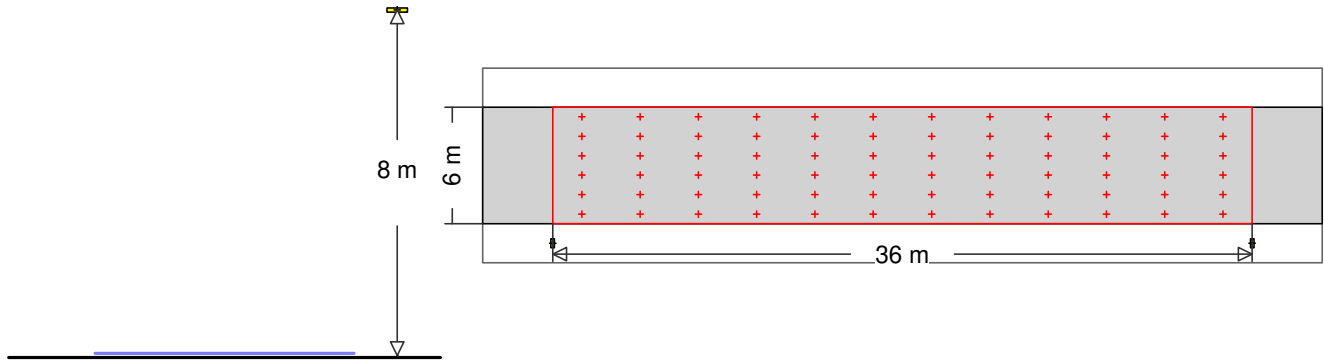
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 100 101. Ovidiu

### 100.1 Summary, 101. Ovidiu

#### 100.1.1 Result overview, 101. Ovidiu



#### LUG LIGHT FACTORY

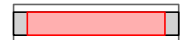
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 36.00 m	Height (phot.center)	: 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 <sup>2</sup>	0.50	0.75	7	0.59
1:(y=1.50)	0.40 cd/m <sup>2</sup>	0.51	0.66	10	0.90
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

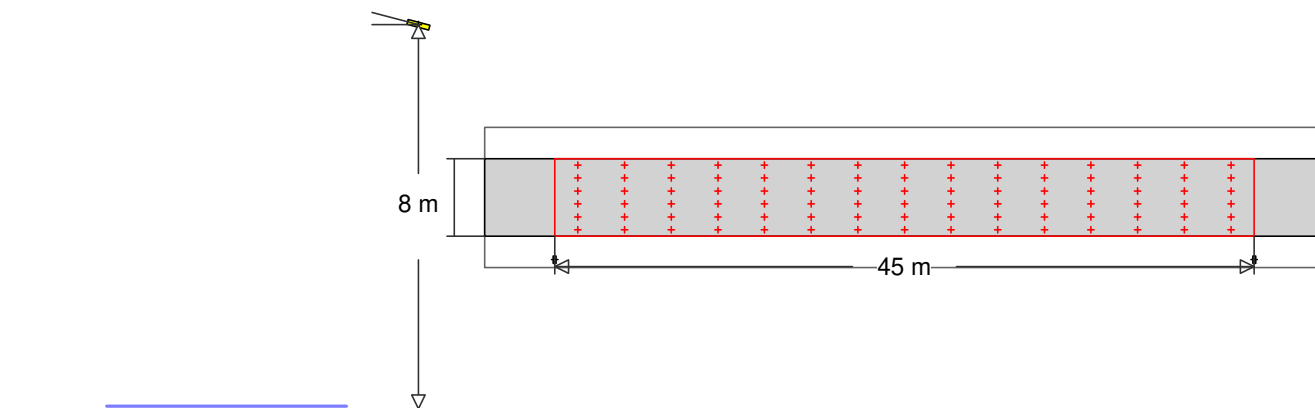
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 101 102. Piotr Rumeantev

### 101.1 Summary, 102. Piotr Rumeantev

#### 101.1.1 Result overview, 102. Piotr Rumeantev



#### LUG LIGHT FACTORY

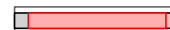
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot.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 : 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 <sup>2</sup>	0.47	0.49	10	0.66
1:(y=1.25)	0.46 cd/m <sup>2</sup>	0.47	0.40	14	0.55
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

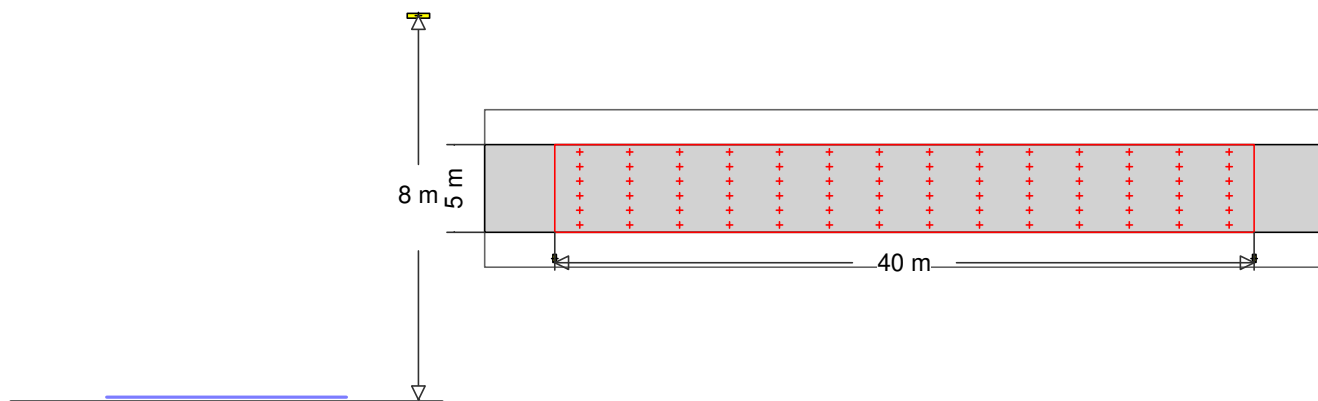
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

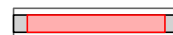
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.51	0.66	8	0.67
1:(y=1.25)	0.36 cd/m <sup>2</sup>	0.51	0.57	11	0.97
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

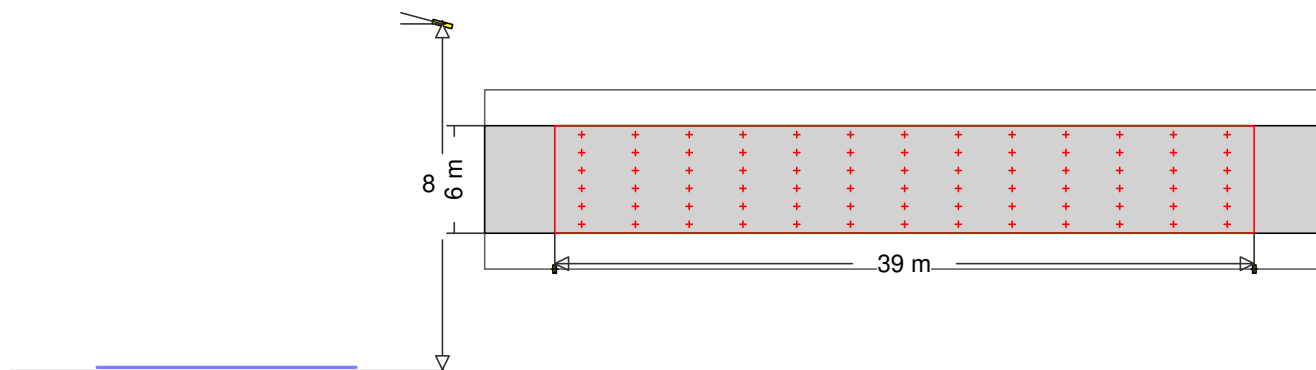
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 103 104. Teodor Nencev

### 103.1 Summary, 104. Teodor Nencev

#### 103.1.1 Result overview, 104. Teodor Nencev



#### LUG LIGHT FACTORY

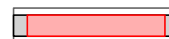
1 Order No. : 130782.7L122.110.049  
 Luminaire name : URBINO S HE ED 4300lm/740 O11 szary C4 II kl. Mod. 049  
 Equipment : 1 x LED 4000K 30 W / 4300 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 39.00 m	Height (phot centre)	: 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 <sup>2</sup>	0.49	0.75	8	0.48
1:(y=1.50)	0.47 cd/m <sup>2</sup>	0.51	0.58	13	0.62
M6	>= 0.30 cd/m <sup>2</sup>	>= 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



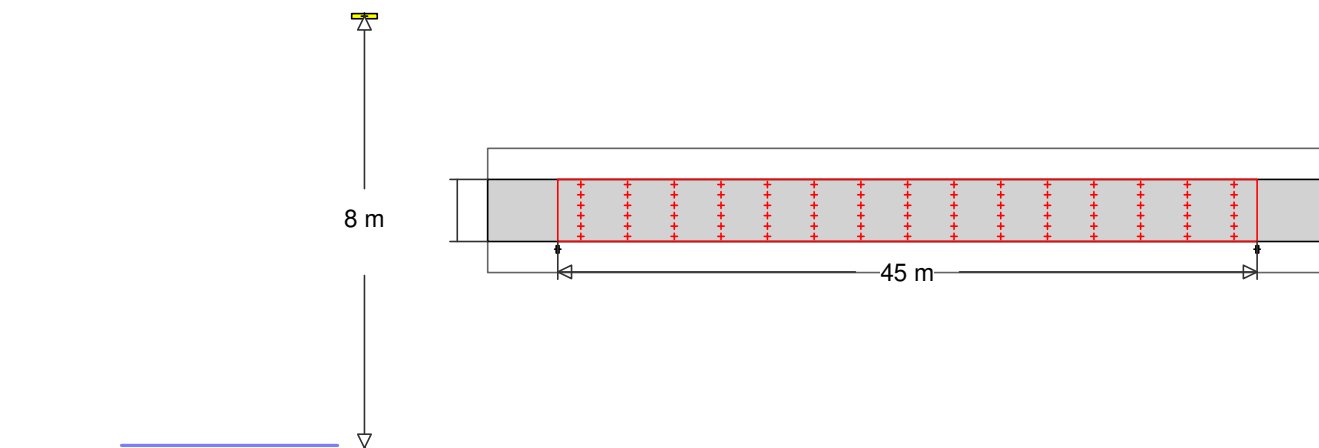
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 104 105. Trandafirilor, Barbu Lăutaru

### 104.1 Summary, 105. Trandafirilor, Barbu Lăutaru

#### 104.1.1 Result overview, 105. Trandafirilor, Barbu Lăutaru



#### LUG LIGHT FACTORY

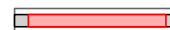
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### MyLumRow

Luminaire placing	: Right row	Maintenance factor	: 0.85
Luminaire spacing	: 45.00 m	Height (phot.center)	: 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 <sup>2</sup>	0.50	0.46	9	0.82
1:(y=1.00)	0.39 cd/m <sup>2</sup>	0.48	0.40	10	0.89
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

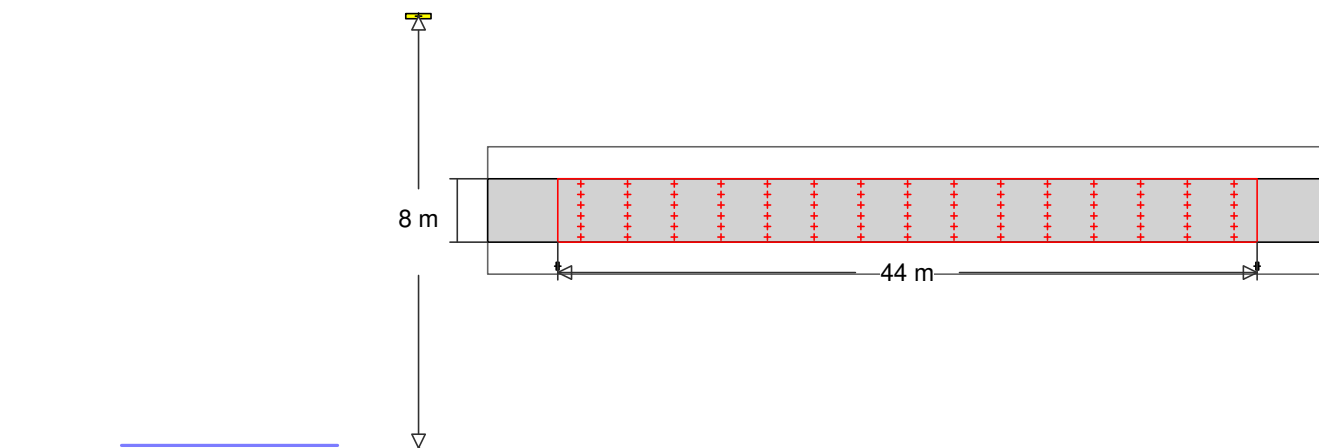
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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

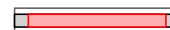
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.52	0.53	9	0.77
1:(y=1.00)	0.35 cd/m <sup>2</sup>	0.51	0.45	11	0.97
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

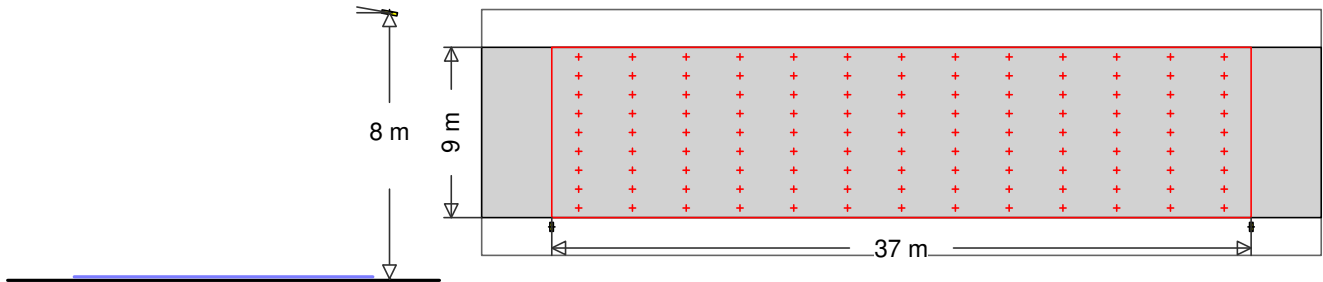
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 106 107. Dunării

### 106.1 Summary, 107. Dunării

#### 106.1.1 Result overview, 107. Dunării



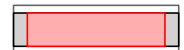
**LUG Light Factory**  
 6 Order No. : 130782.7L122.120.005  
 Luminaire name : URBINO LED S ED D4i 5650lm/740 O12 gray II kl. mod. 005  
 Equipment : 1 x LED 39.5 W / 5650 lm

#### 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 <sup>2</sup>	0.49	0.82	7	0.52
2:(y=4.50)	0.56 cd/m <sup>2</sup>	0.52	0.74	12	
1:(y=1.50)	0.52 cd/m <sup>2</sup>	0.55	0.52	14	0.38
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

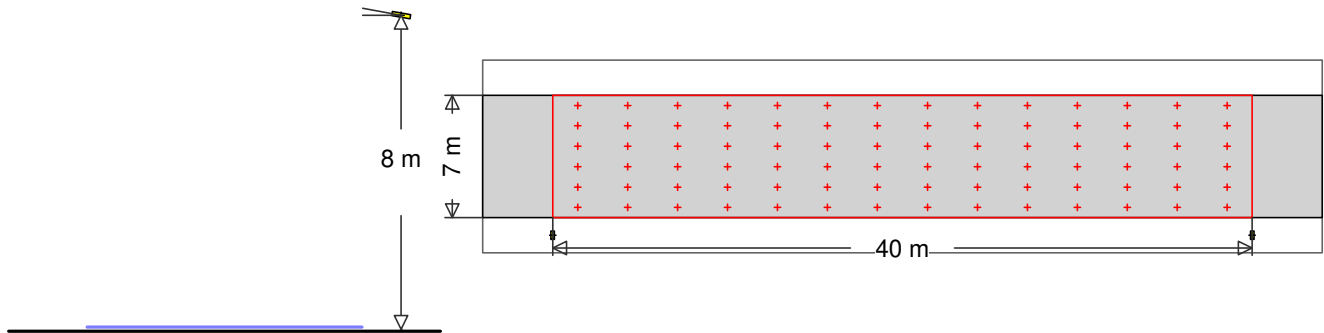
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 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 centre)	: 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 <sup>2</sup>	0.39	0.73	7	0.30
1:(y=1.75)	0.63 cd/m <sup>2</sup>	0.40	0.50	13	0.48
M5	>= 0.50 cd/m <sup>2</sup>	>= 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

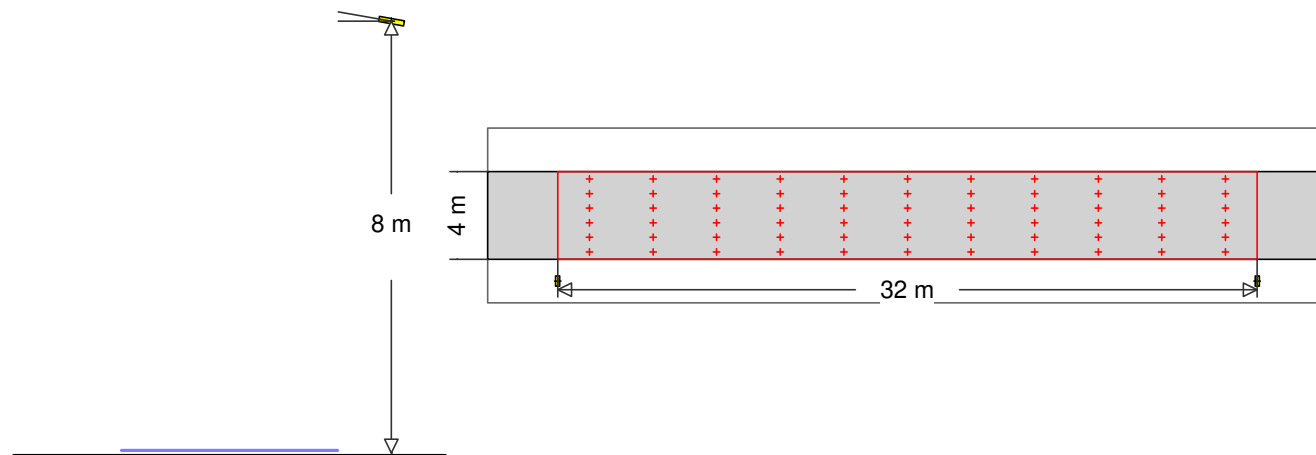
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



# 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

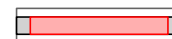
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.66	0.73	7	0.85
1:(y=1.00)	0.47 cd/m <sup>2</sup>	0.65	0.73	8	0.90
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

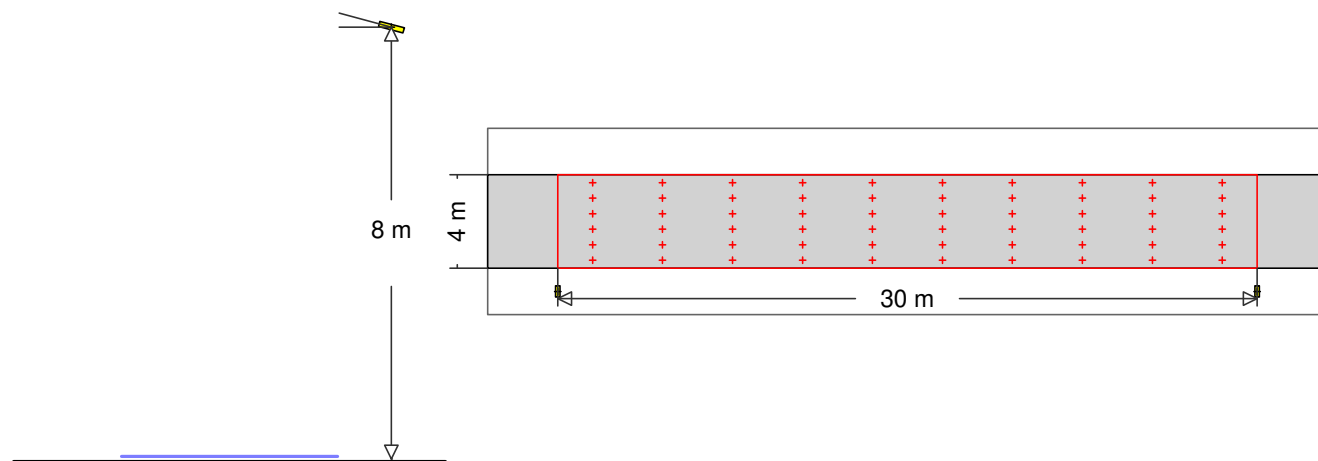
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



## 109 110. Mărțișorului

### 109.1 Summary, 110. Mărțișorului

#### 109.1.1 Result overview, 110. Mărțișorului



#### LUG LIGHT FACTORY

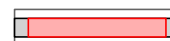
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.67	0.74	7	0.86
1:(y=1.00)	0.47 cd/m <sup>2</sup>	0.68	0.75	7	0.88
M6	>= 0.30 cd/m <sup>2</sup>	>= 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

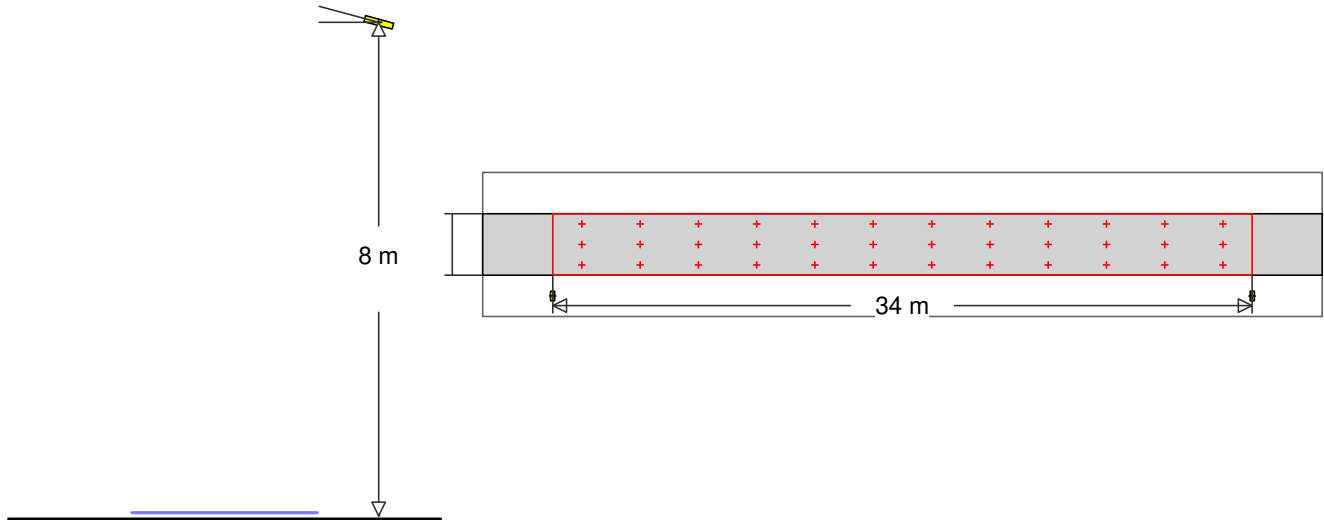
Object : Cahul  
 Installation :  
 Project number : S-A34MD0-24112666  
 Date : 14.03.2024



# 110 111. Vlad Țepeș

## 110.1 Summary, 111. Vlad Țepeș

### 110.1.1 Result overview, 111. Vlad Țepeș



#### LUG LIGHT FACTORY

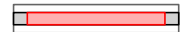
2 Order No. : 130782.7L122.130.006  
 Luminaire name : URBINO LED S ED D4i 4250lm/740 O13 gray II kl. mod. 006  
 Equipment : 1 x LED 4000K 30 W / 4250 lm

#### 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 <sup>2</sup>	0.68	0.65	7	0.82
M6	>= 0.30 cd/m <sup>2</sup>	>= 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