

# Stará Lípa - místní silnice, VO

**Standard** EN 13201 : 2015

**Designer** rs

**Study #** 256 2024

**Date** 24.04.2024

**Application** Ulysse 4.Beta1.3

**Description**

Souhrnem

Svítidla: TECEO-S / 5307 / BackLight / 20 LED / WW727 / 350 mA / 23 W

Závěsná výška: 6,0 m

Výložník: není

Náklon svítidla: 0°

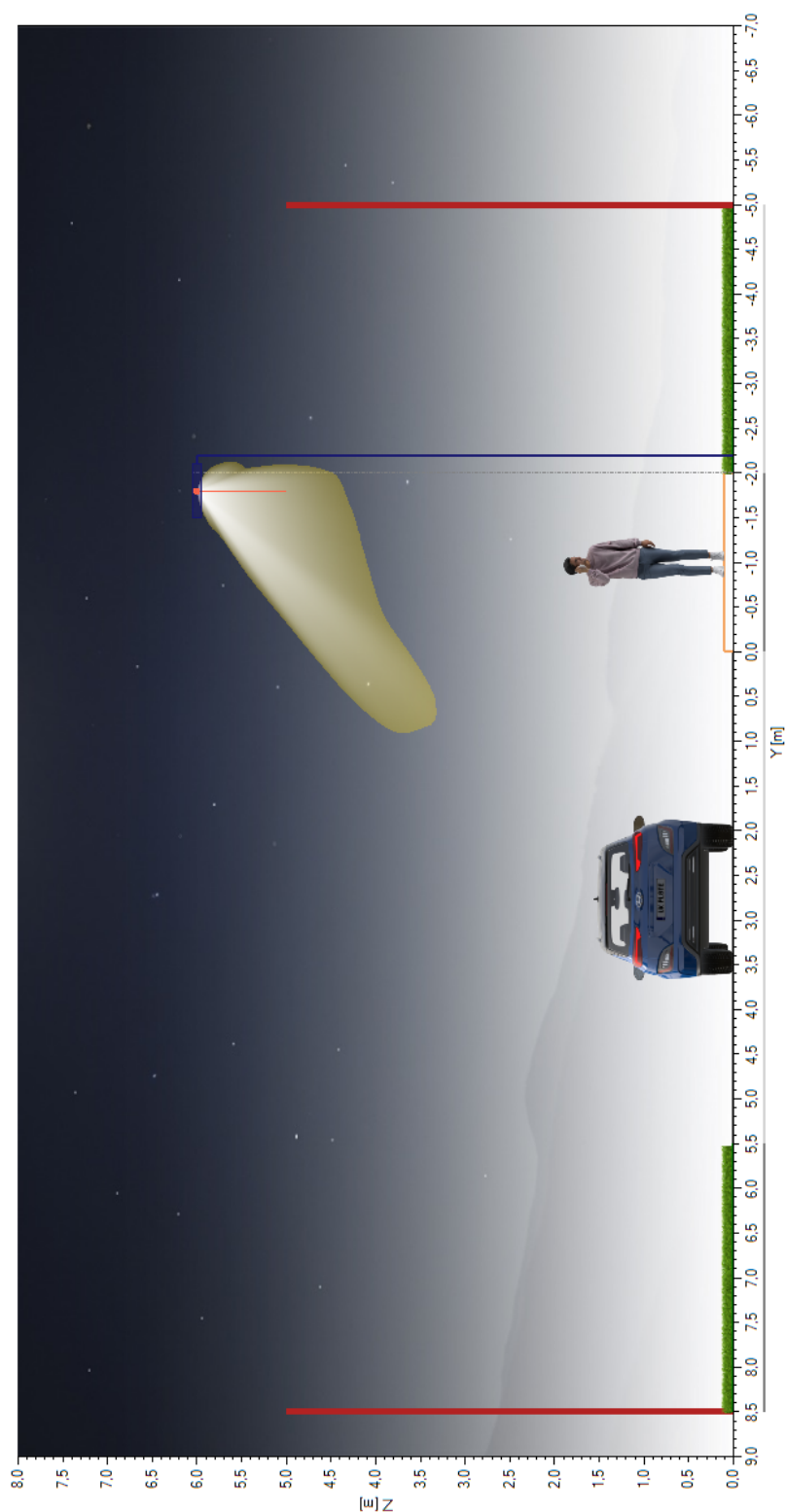
Umístění sloupu: lze až 2,2 m od silnice (tj. za chodníkem)

Rozteč: 38 m (až max. 40 m)

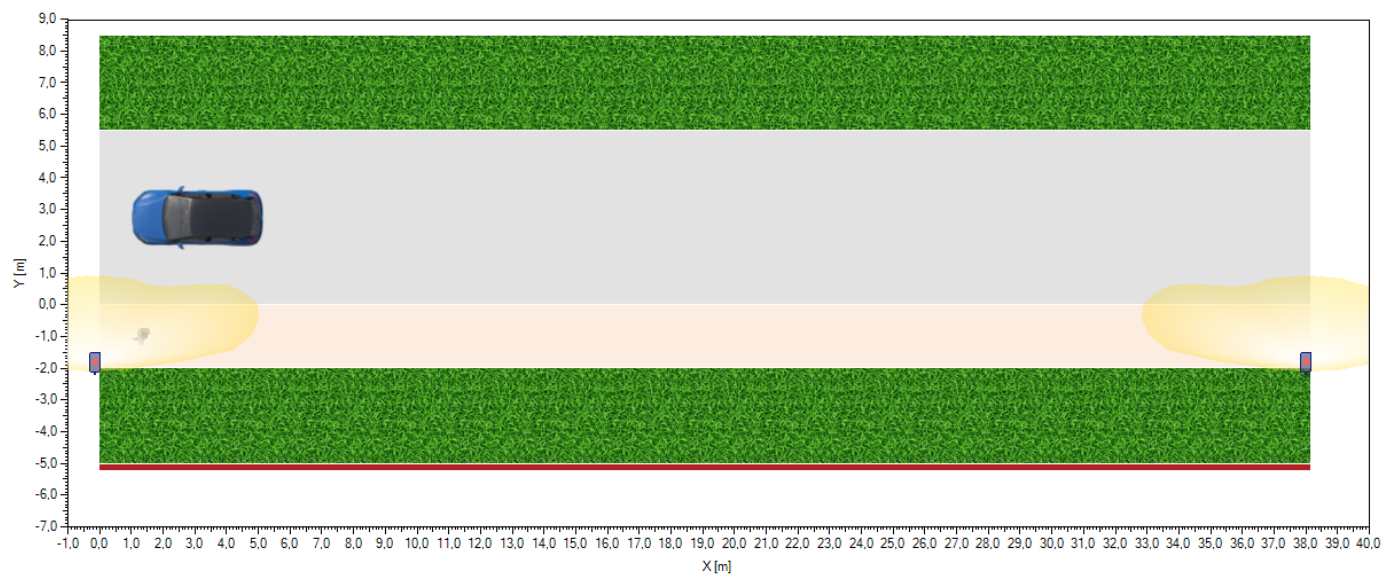
**File** Výpočet.lp3

## 1. 2D View

### 1.1. Cross section



## 1.2. Top view



## 2. Fixtures

### 2.1. TECEO S 20 LEDs 350mA WW727 Flat glass 5307 BL 484652

Type TECEO S

Reflector 5307

Source 20 LEDs 350mA WW727

Protector Flat glass

Source flux 3,380 klm

G\* 2

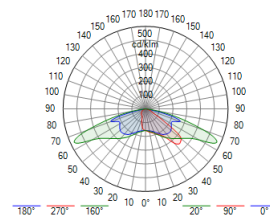
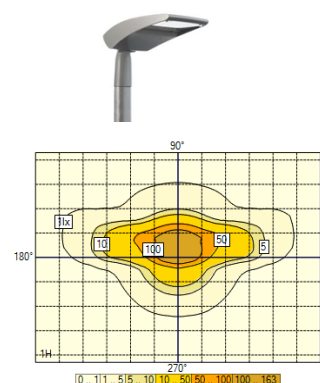
Luminaire wattage 22,4 W

MF 0,85

Matrix 484652

Luminaire flux 2,540 klm

Efficacy 113 lm/W



3. Results

3.1. Grid summary

Fasáda1 (IL)

1. Normal illuminance	Ave (A) (lx)	Min/Ave (%)	Min/Max (%)	Min (lx)	Max (lx)	
Uspořádání VO	0,39	5	2	0,02	1,10	N/A

Silnice (IL)

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

1. Z positive illuminance	Ave (A) (lx)	Min/Ave (%)	Min/Max (%)	Min (lx)	Max (lx)	
Uspořádání VO	5,28	23	10	1,23	12,11	✔

Chodník (IL)

P5 (IL : Min = 0,60 lux Ave = 3,00 lux)

1. Z positive illuminance	Ave (A) (lx)	Min/Ave (%)	Min/Max (%)	Min (lx)	Max (lx)	
Uspořádání VO	5,59	19	8	1,08	13,27	✔

Fasáda2 (IL)

1. Inverse illuminance	Ave (A) (lx)	Min/Ave (%)	Min/Max (%)	Min (lx)	Max (lx)	
Uspořádání VO	0,71	0	0	0,00	3,82	N/A



3.2. Observer summary

3.3. Values summary


3.4. Densité surfacique de flux lumineux (DSFLI)

4. Uspořádání VO

4.1. Matrix description

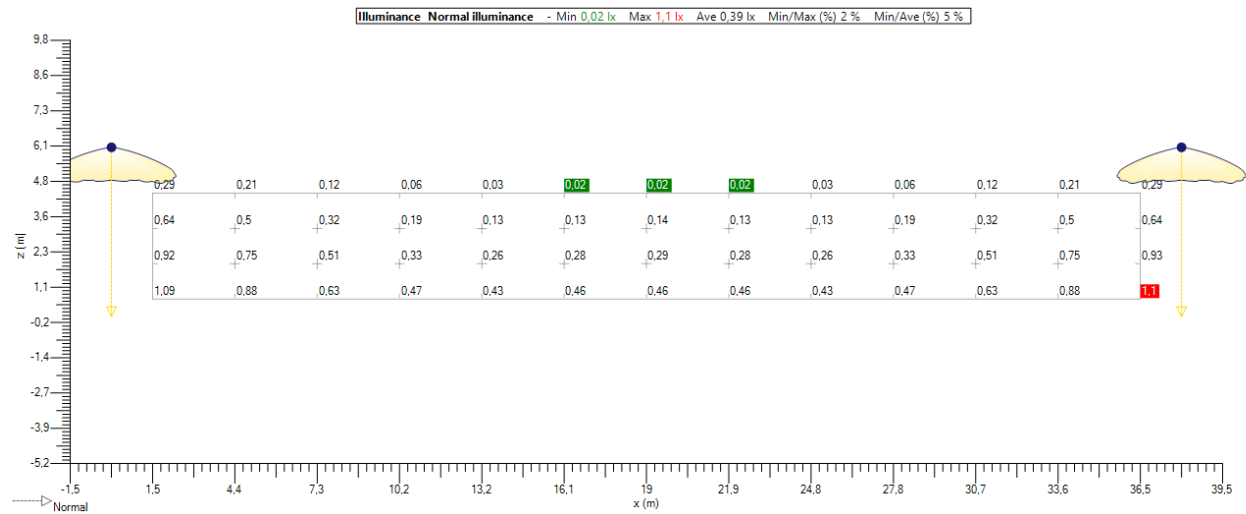
Photometric colour	Description	Current [mA]	Source flux [klm]	Luminaires flux [klm]	Power [W]	Efficacy [lm/W]	MF	Height [m]	Fixture
	TECEO S 20 LEDs 350mA WW727 Flat glass 5307 BL 484652	350	3,380	2,540	22,4	113	0,850	3 x 6,00	

4.2. Luminaire groups

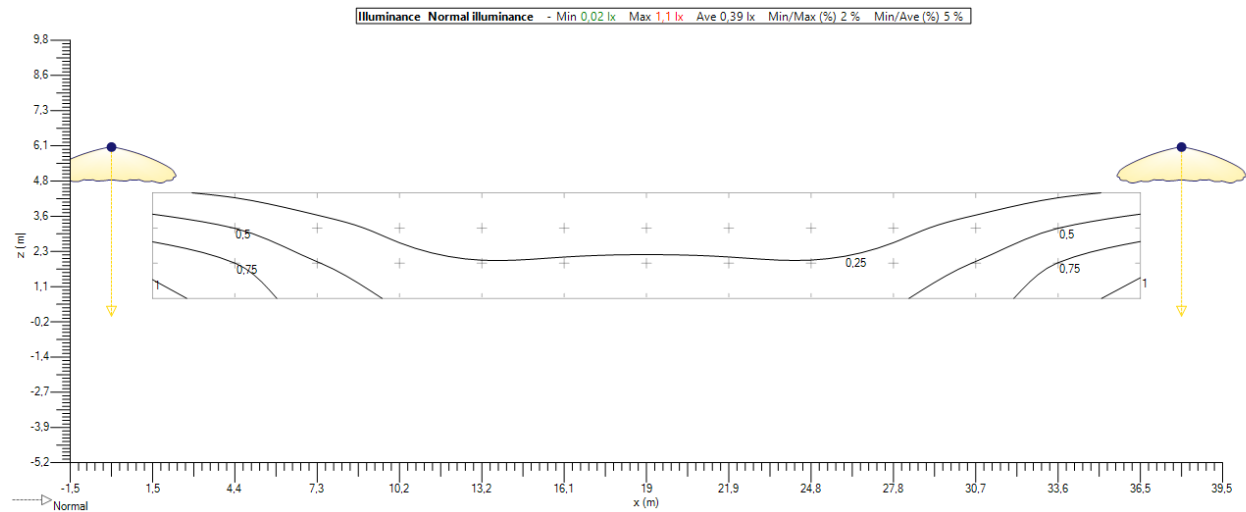
Linear																
	Colour	N°	Position			Luminaire					Dimension			Rotation		
			X [m]	Y [m]	Z [m]	Name	Az. [°]	Incl. [°]	Rot. [°]	Dim [%]	Count	Spacing [m]	Size [m]	X [°]	Y [°]	Z [°]
<input checked="" type="checkbox"/>		1	0,00	-1,80	6,00	Sloupy	0,0	0,0	0,0	100	3	38,00	76,00	0,0	0,0	0,0

4.3. Fasáda1 (IL) - Normal

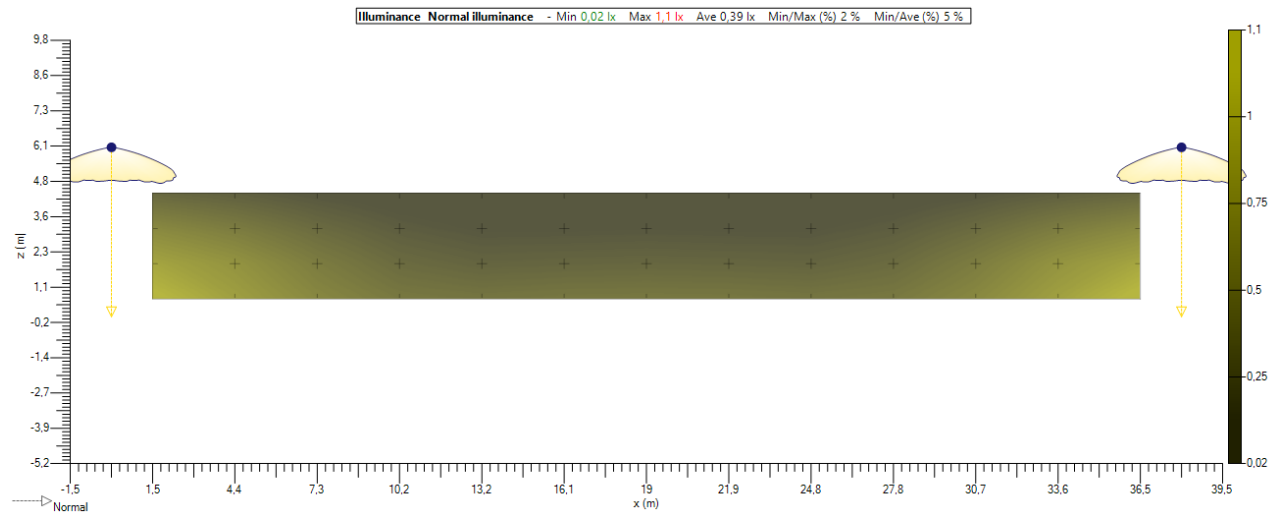
Values



Isolevel

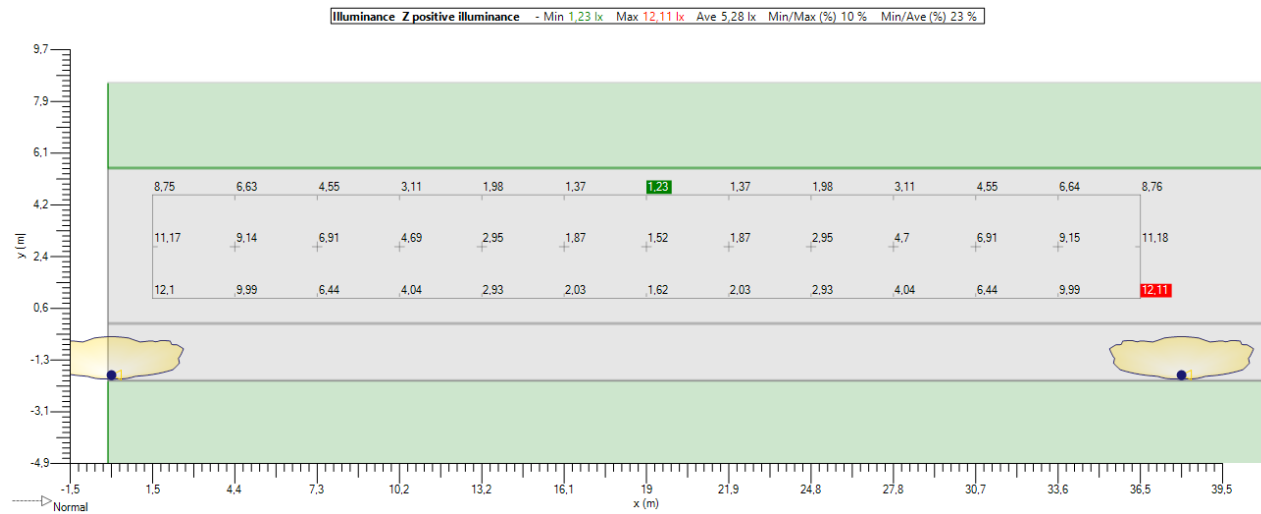


Shading

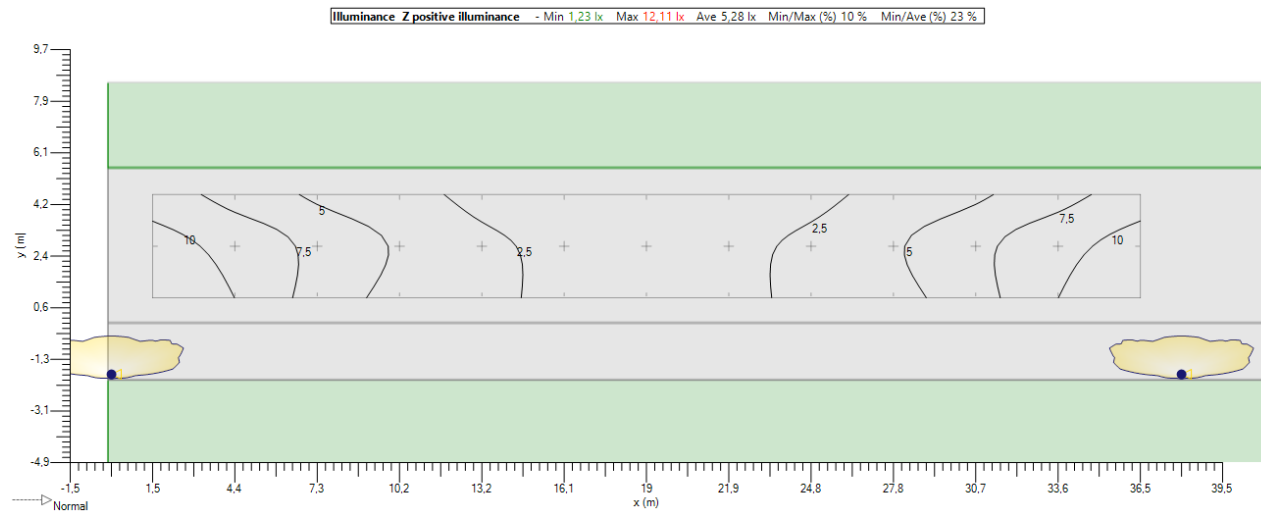


4.4. Silnice (IL) - Z positive

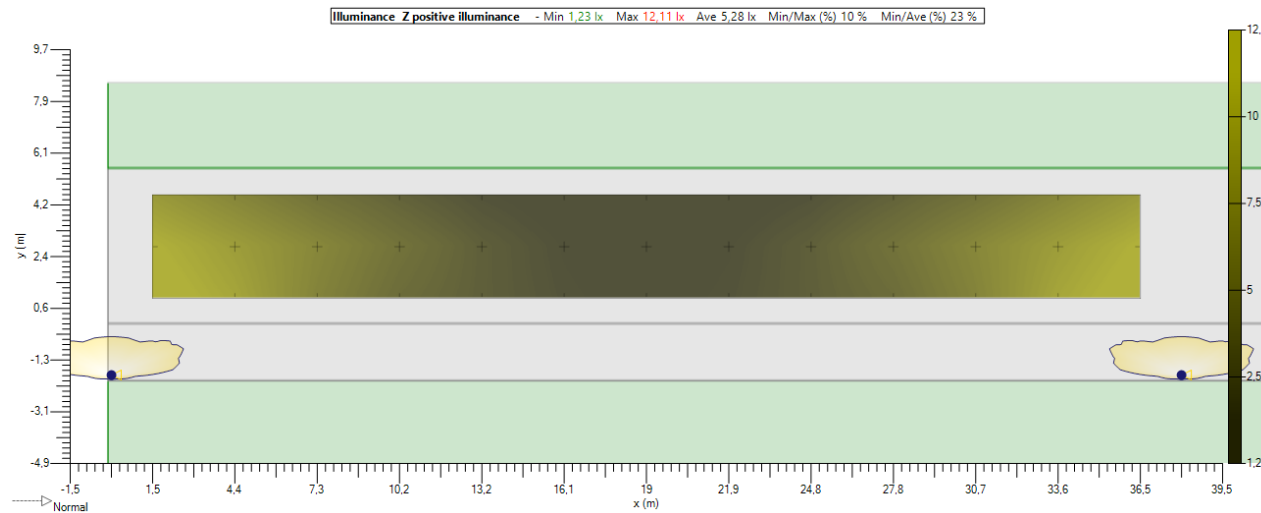
Values



Isolevel

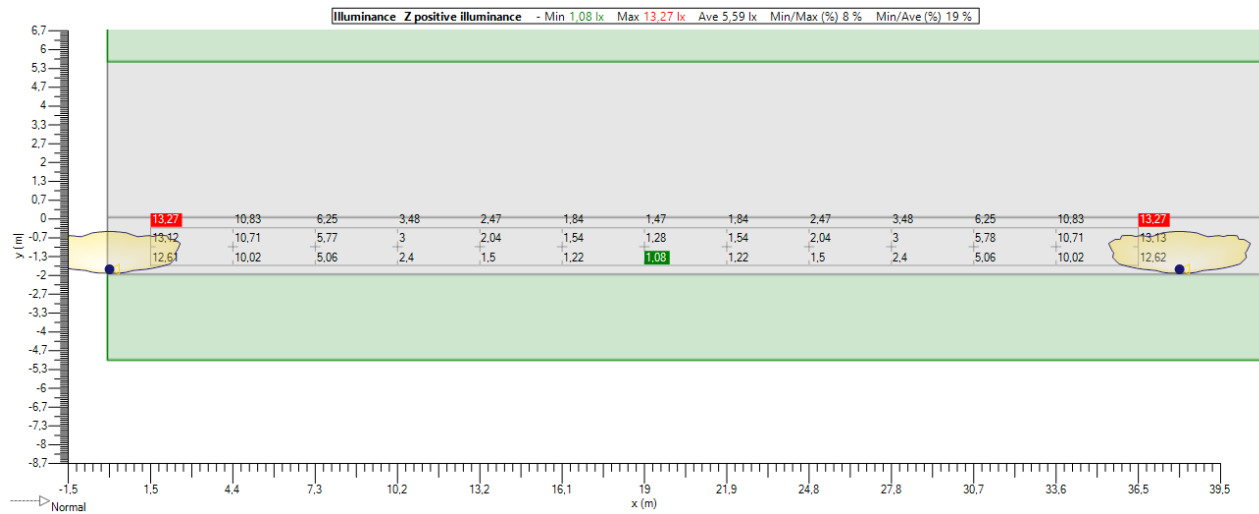


Shading

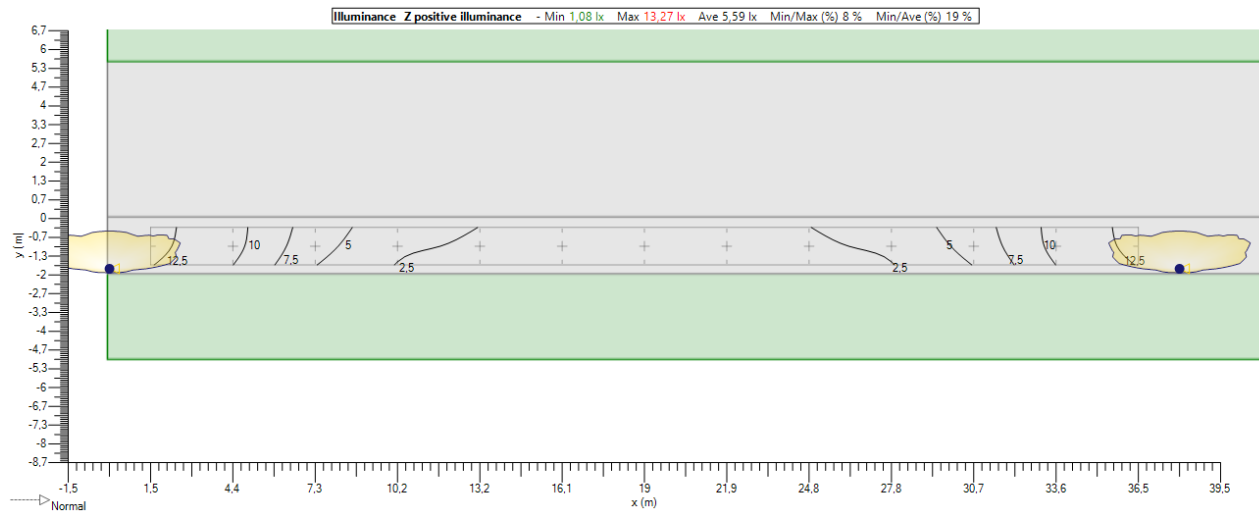


4.5. Chodník (IL) - Z positive

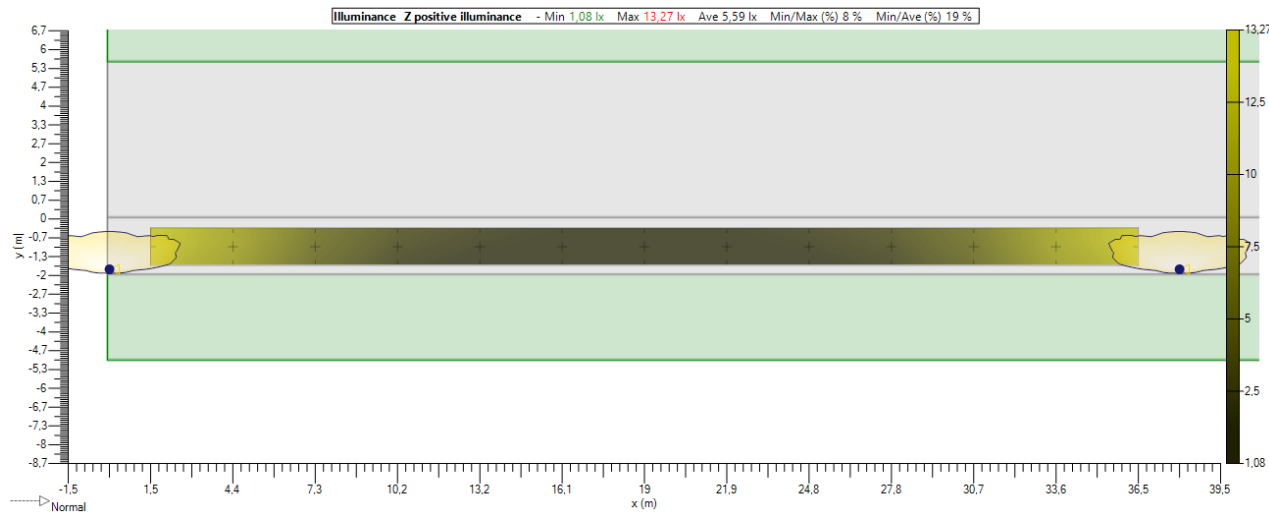
Values



Isolevel

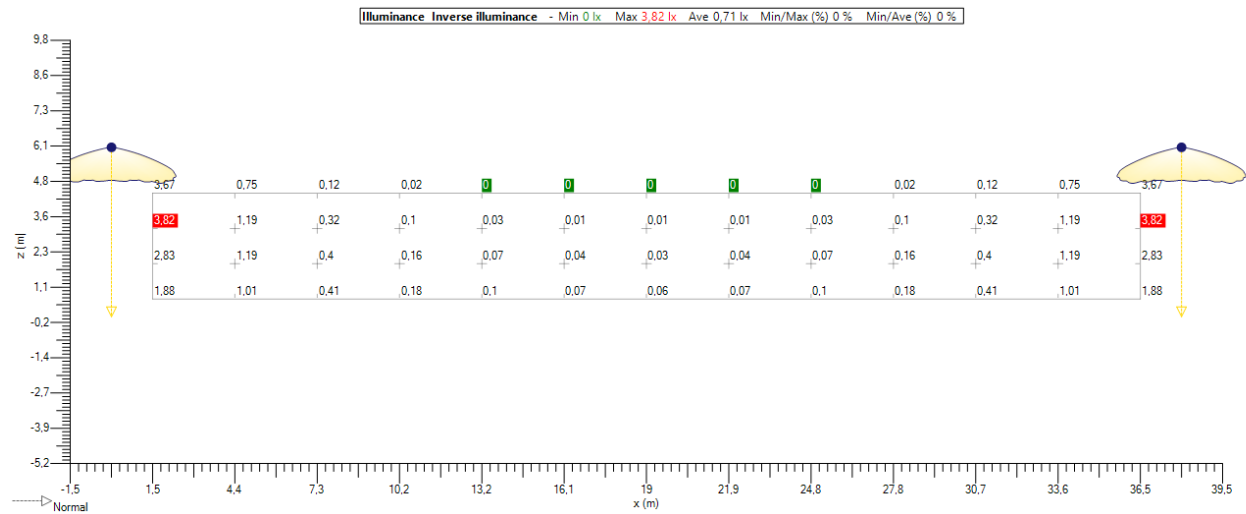


Shading

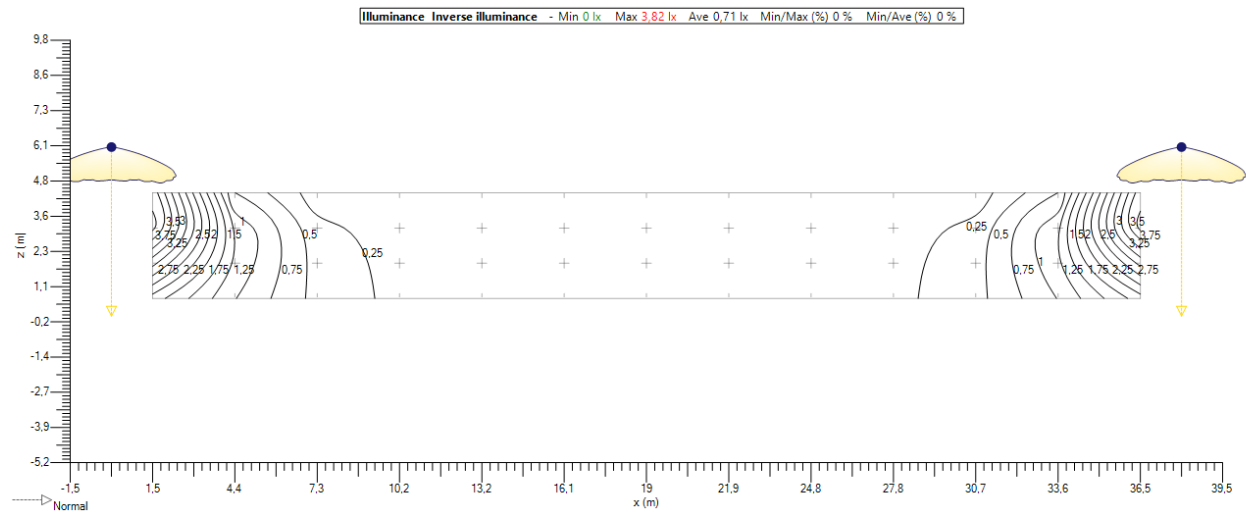


4.6. Fasáda2 (IL) - Inverse

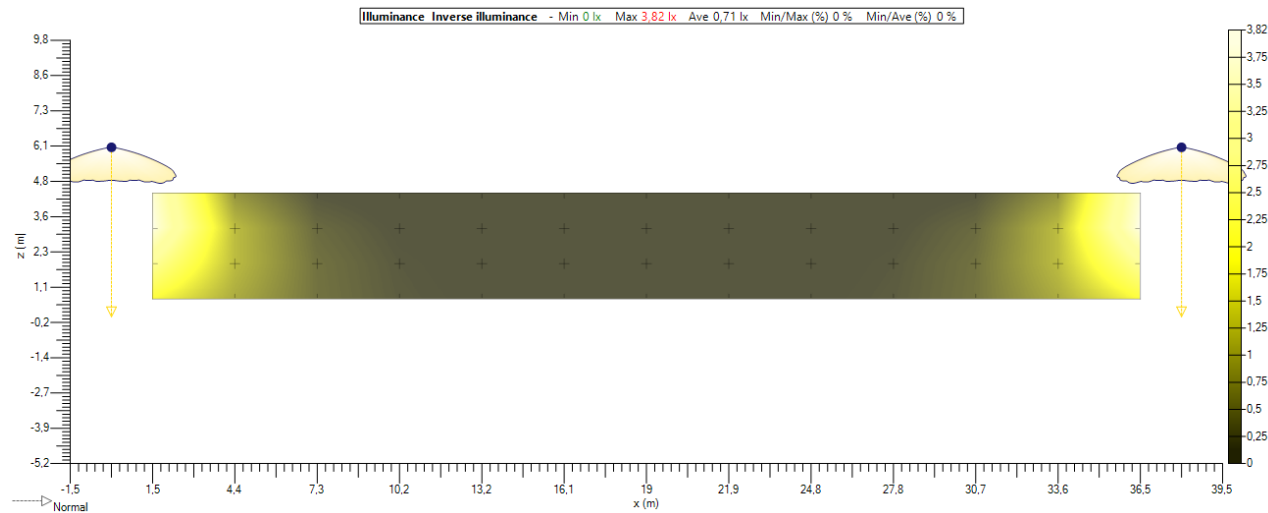
Values



Isolevel



Shading






5. Grids

5.1. Fasáda1 (IL)

General

Type Grid rectangular XZ

Enabled ☒

Colour 

Geometry

OriginX 1,46 mY 8,50 mZ 0,63 m

RotationX 0,0 °Y 0,0 °Z 0,0 °

DimensionCount X 13Count Z 4

Spacing X 2,92 mSpacing Z 1,25 m


Size X 35,08 mSize Z 3,75 m

5.2. Silnice (IL)

General

Type Grid rectangular XY

Enabled ☒

Colour 

Geometry

OriginX 1,46 mY 0,92 mZ 0,00 m

RotationX 0,0 °Y 0,0 °Z 0,0 °

DimensionCount X 13Count Y 3

Spacing X 2,92 mSpacing Y 1,83 m


Size X 35,08 mSize Y 3,67 m

5.3. Chodník (IL)

General

Type Grid rectangular XY

Enabled ☒

Colour 

Geometry

OriginX 1,46 mY -1,67 mZ 0,10 m

RotationX 0,0 °Y 0,0 °Z 0,0 °

DimensionCount X 13Count Y 3

Spacing X 2,92 mSpacing Y 0,67 m


Size X 35,08 mSize Y 1,33 m

5.4. Fasáda2 (IL)

General

Type Grid rectangular XZ

Enabled ☒

Colour 

Geometry

OriginX 1,46 mY -5,00 mZ 0,63 m

RotationX 0,0 °Y 0,0 °Z 0,0 °

DimensionCount X 13Count Z 4

Spacing X 2,92 mSpacing Z 1,25 m

Size X 35,08 mSize Z 3,75 m