

Předboj, VO

Standard EN 13201 : 2015

Designer rs

Study # 456 2024

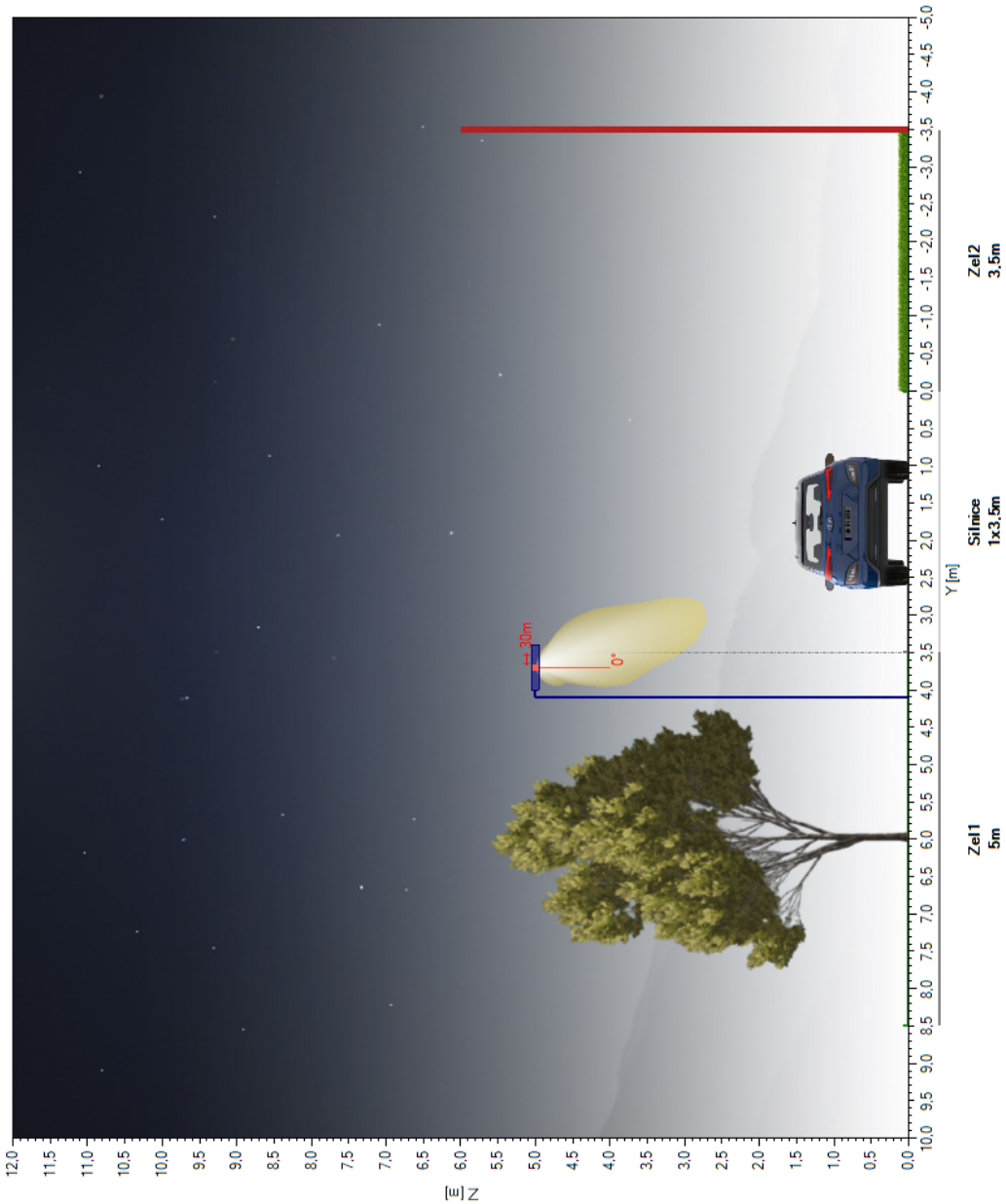
Date 05.08.2024

Application Ulysse 4.0.1

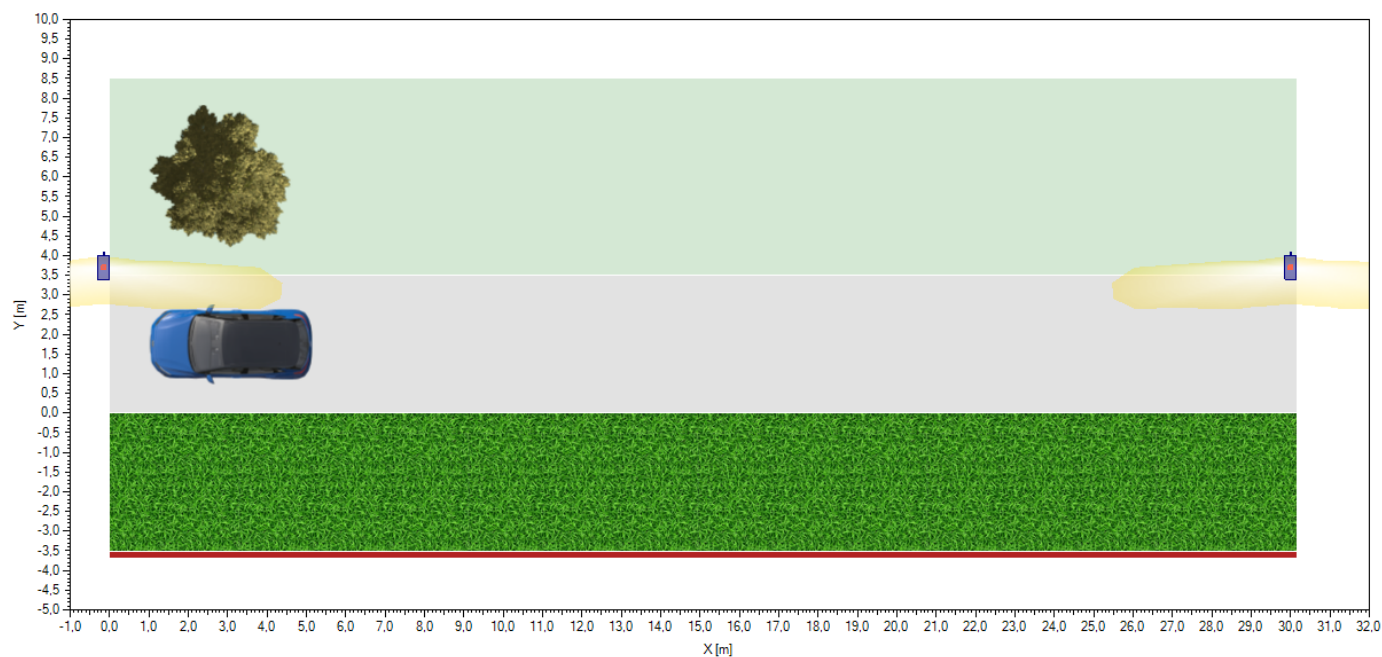
File Výpočet.lp3

1. 2D View

1.1. Cross section



1.2. Top view



2. Fixtures

2.1. TECEO S 10 LEDs 350mA WW727 Flat glass 5302 LE, BL 450512

Type TECEO S

Reflector 5302

Source 10 LEDs 350mA WW727

Protector Flat glass

Source flux 1,720 klm

G* 3

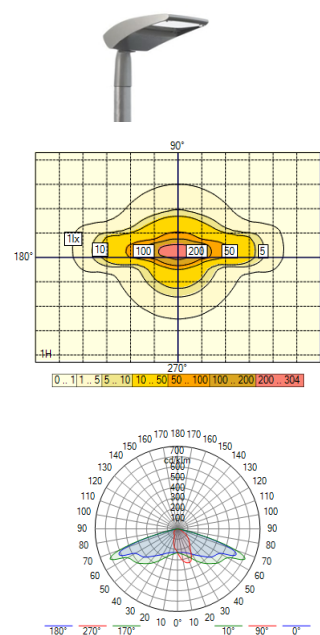
Luminaire wattage 11,7 W

MF 0,85

Matrix 450512

Luminaire flux 1,384 klm

Efficacy 118 lm/W



3. Results

3.1. Grid summary

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)	
Dynamic cross section	6,28	27	11	1,71	16,13	✔

Fasáda (IL)

1. Inverse illuminance	Ave (A) (lx)	Min/Ave (%)	Min/Max (%)	Min (lx)	Max (lx)	
Dynamic cross section	0,24	0	0	0,00	1,26	N/A

4. Dynamic cross section

4.1. Matrix description

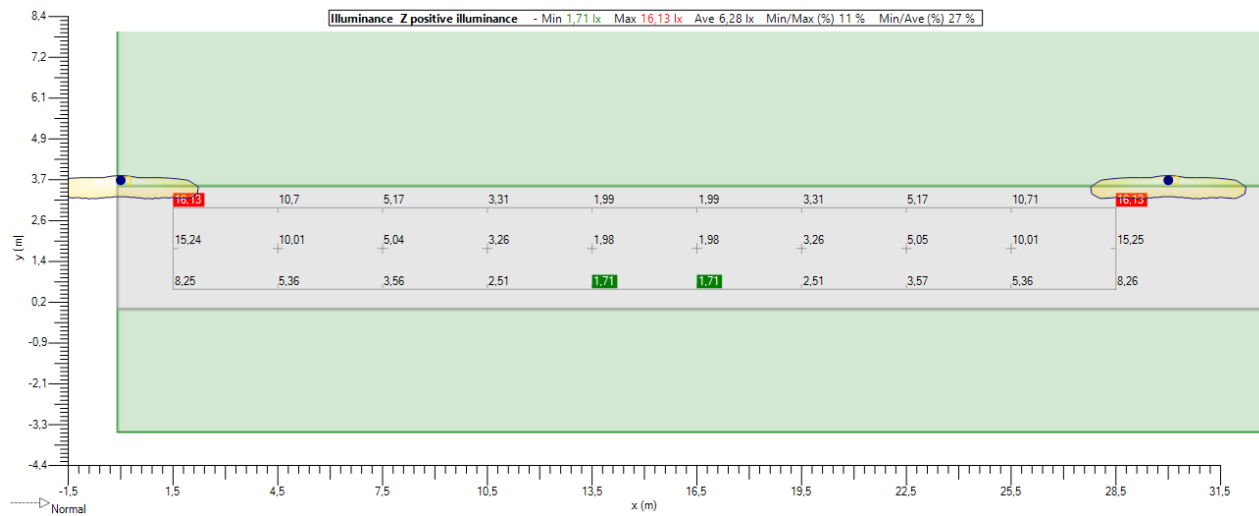
Photometric colour	Description	Current [mA]	Source flux [klm]	Luminaires flux [klm]	Power [W]	Efficacy [lm/W]	MF	Height [m]	Fixture
	TECEO S 10 LEDs 350mA WW727 Flat glass 5302 LE, BL 450512	350	1,720	1,384	11,7	118	0,850	4 x 5,00	

4.2. Luminaire groups

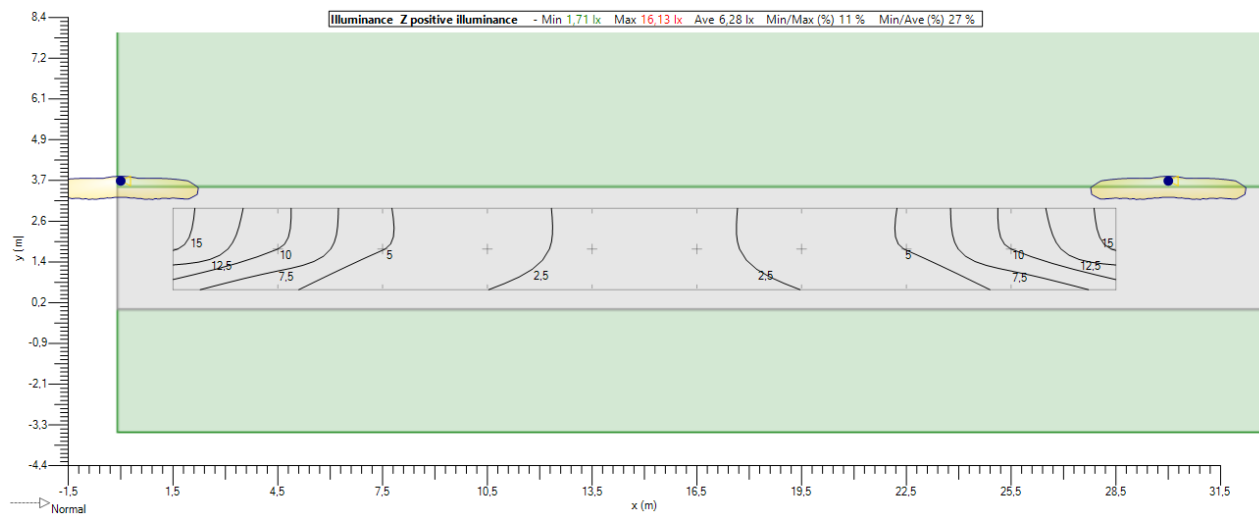
Linear																
	Colour	N°	Position			Luminaire					Dimension			Rotation		
			X [m]	Y [m]	Z [m]	Name	Az. [°]	Incl. [°]	Rot. [°]	Dim [%]	Count	Spacing [m]	Size [m]	X [°]	Y [°]	Z [°]
☒		1	0,00	3,70	5,00	Sloupy	180,0	0,0	0,0	100	4	30,00	90,00	0,0	0,0	0,0

4.3. Silnice (IL) - Z positive

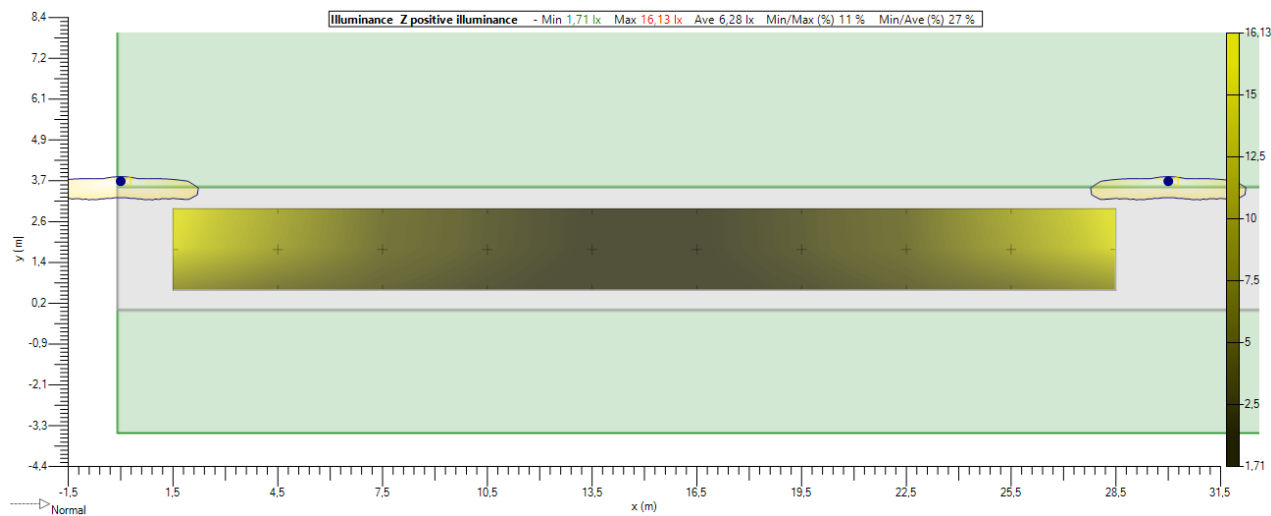
Values



Isolevel

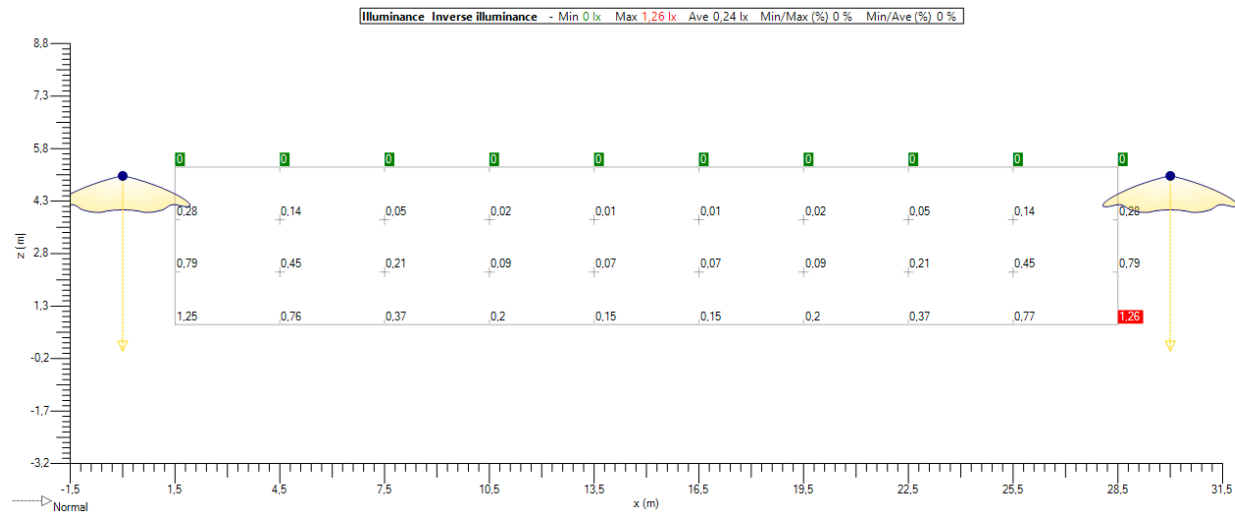


Shading

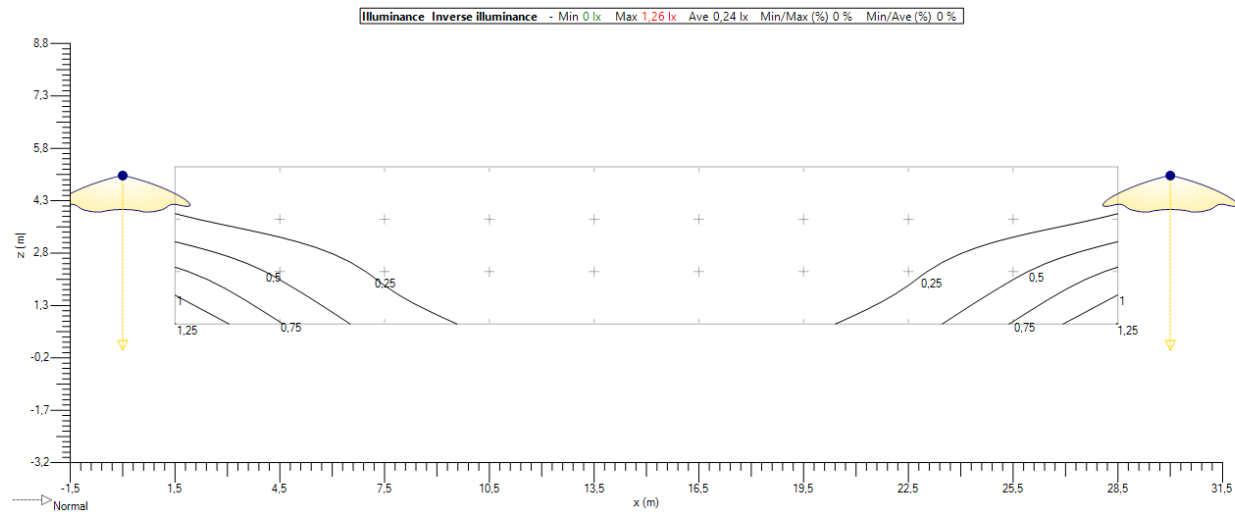


4.4. Fasáda (IL) - Inverse

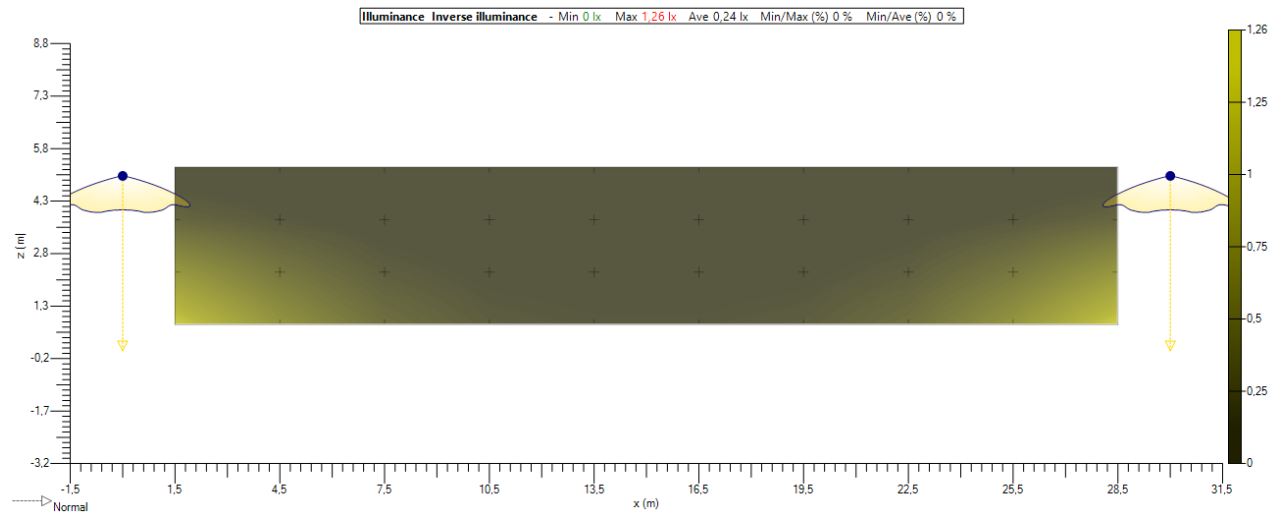
Values



Isolevel



Shading



5. Grids

5.1. Silnice (IL)

General

Type Grid rectangular XY

Enabled ☒

Colour 

Geometry

OriginX 1,50 mY 0,58 mZ 0,00 m

RotationX 0,0 °Y 0,0 °Z 0,0 °

DimensionCount X 10Count Y 3

Spacing X 3,00 mSpacing Y 1,17 m

Size X 27,00 mSize Y 2,33 m

5.2. Fasáda (IL)

General

Type Grid rectangular XZ

Enabled ☒

Colour 

Geometry

OriginX 1,50 mY -3,50 mZ 0,75 m

RotationX 0,0 °Y 0,0 °Z 0,0 °

DimensionCount X 10Count Z 4

Spacing X 3,00 mSpacing Z 1,50 m

Size X 27,00 mSize Z 4,50 m