

Milevsko - ul. U Bažantnice

Standard EN 13201 : 2015

Designer rs

Study # 275 2021

Date 22.04.2021

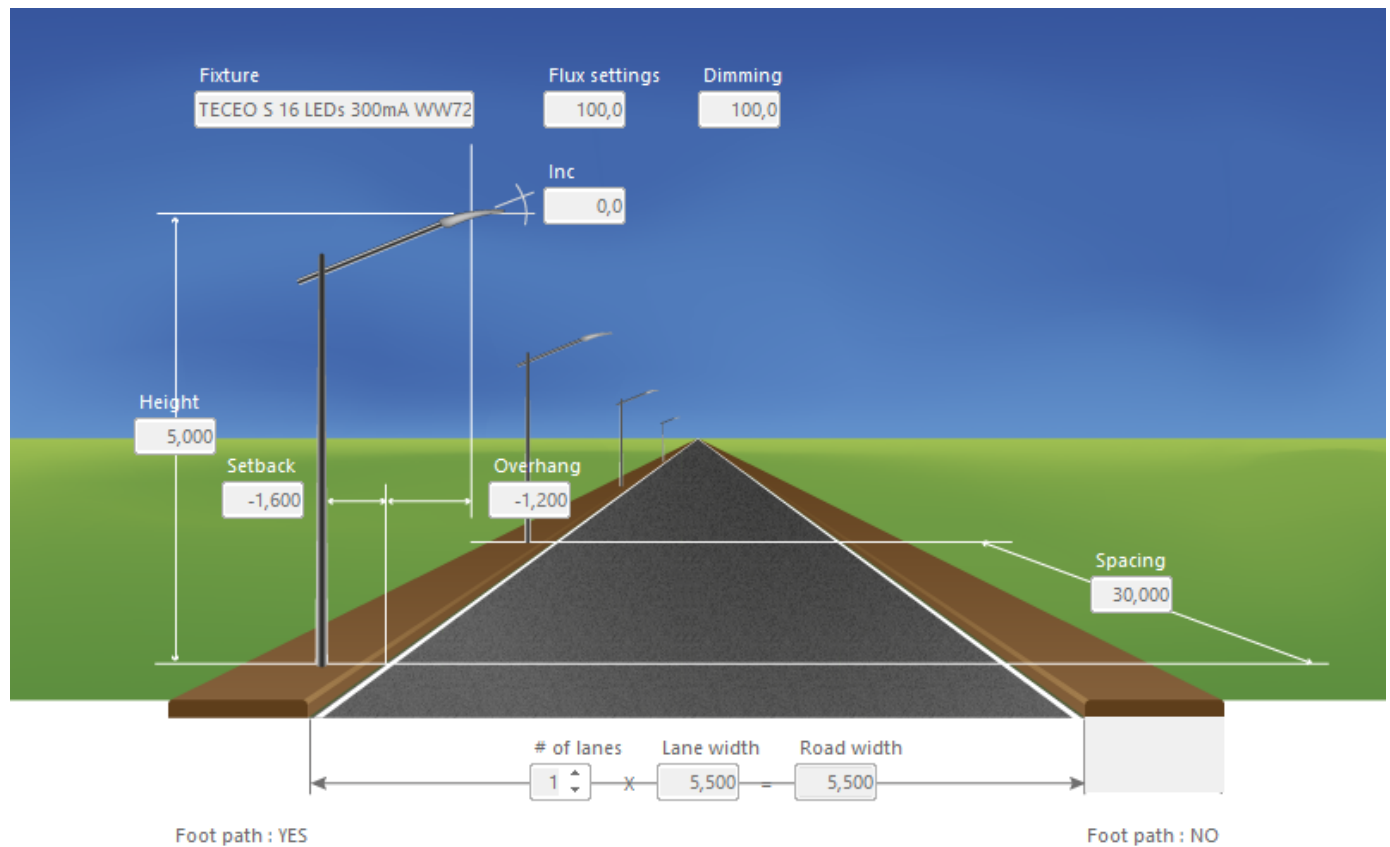
Application Ulysse 3.5.3

1. Standard

1.1. Standard summary

Calculations according to CEN 13201 : 2015

Selected lighting class Road : P5 - IL : Min = 0,60 lux Ave = 3,00 lux



1.2. Results

Power per km 0,521 kW

Road (IL-HS)

Illuminance

Min 1,47 lx	✓	0,60 lx
Ave 4,29 lx	✓	3,00 lx
Max 12,38 lx	N/A	
Uo 34 %	N/A	

2. Fixtures

2.1. TECEO S 16 LEDs 300mA WW727 Flat glass 5118 Light Exhauster Back light 408572

Type TECEO S

Reflector 5118

Source 16 LEDs 300mA WW727

Protector Flat glass

Setting Light Exhauster

Source flux 2,218 klm

G* 3

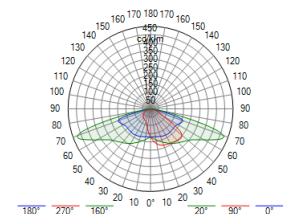
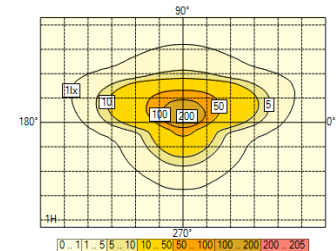
Luminaire wattage 15,6 W

MF 0,80

Matrix 408572



Luminaire flux 1,651 klm

Efficacy 106 lm/W




3. Configuration

3.1. Matrix description

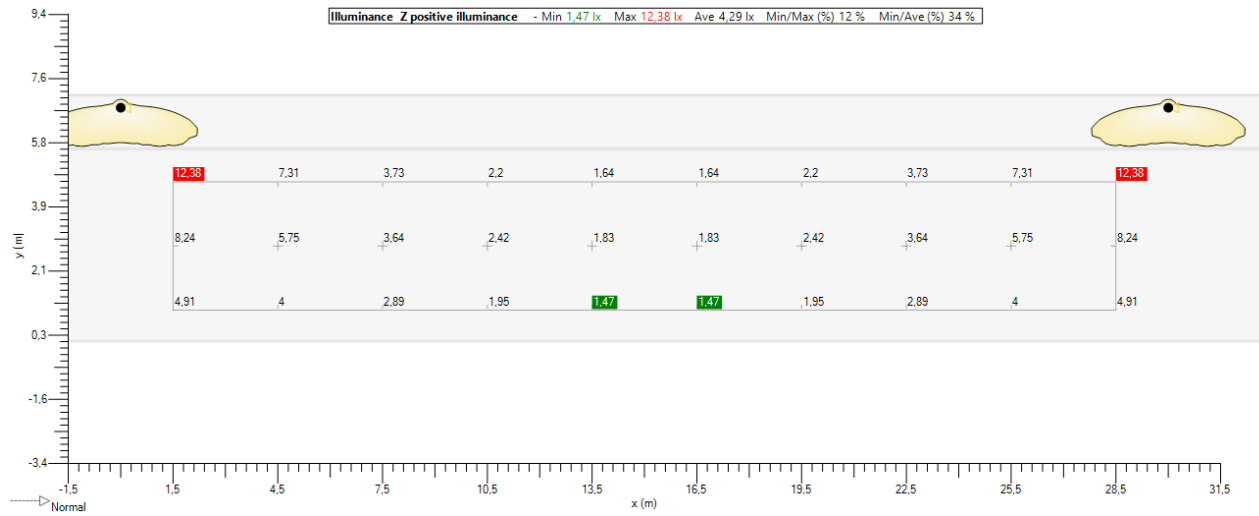
Ph. color	Description	Current [mA]	Source flux [klm]	Luminaire flux [klm]	Power [W]	Efficacy [lm/W]	MF	Height [m]	Fixture
	TECEO S 16 LEDs 300mA WW727 Flat glass 5118 Light Exhauster Back light 408572	300	2,218	1,651	15,6	106	0,800	10 x 5,00	

3.2. Luminaire groups

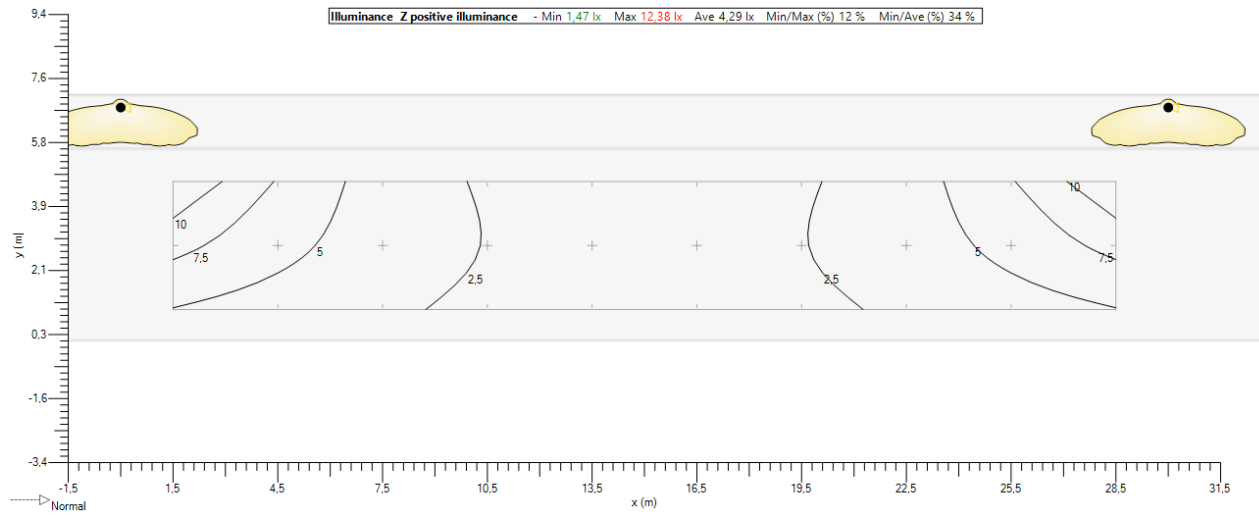
Linear																
	Color	N°	Position			Luminaire					Dimension			Rotation		
			X [m]	Y [m]	Z [m]	Name	Az [°]	Incl [°]	Rot [°]	Dim [%]	Count	Spacing [m]	Size [m]	X [°]	Y [°]	Z [°]
<input checked="" type="checkbox"/>		1	-120,00	6,70	5,00	Left	180,0	0,0	0,0	100	10	30,00	270,00	0,0	0,0	0,0

3.3. Road (IL-HS) - Z positive

Values



Isolevel



Shading

