

## Praha - Českolipská, Novoborská, výpočet úseku v slepé ulice

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**Designer** rs

**Study #** 677 2023

**Date** 07.12.2023

**Application** Ulysse 3.5.9

## 1. Fixtures

### 1.1. AMPERA EVO 1 20 LEDs 500mA WW730 Flat glass 5399 504902

Type AMPERA EVO 1

Reflector 5399

Source 20 LEDs 500mA WW730

Protector Flat glass

Source flux 5,002 klm

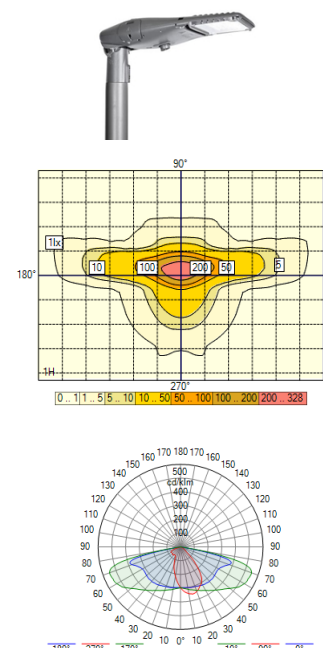
Luminaire wattage 31,4 W

MF 0,85

Matrix 504902

Luminaire flux 4,166 klm

Efficacy 133 lm/W



### 1.2. AMPERA EVO 1 20 LEDs 350mA WW730 Flat glass 5393 504862

Type AMPERA EVO 1

Reflector 5393

Source 20 LEDs 350mA WW730

Protector Flat glass

Source flux 3,700 klm

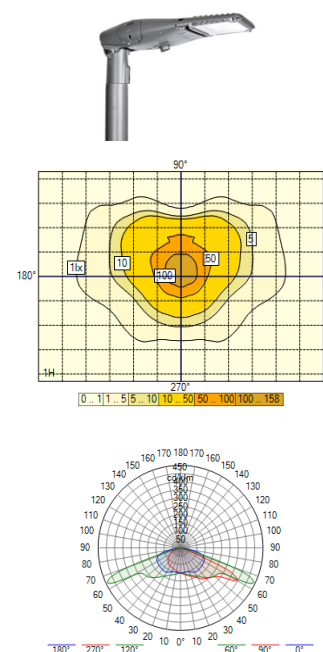
Luminaire wattage 21,8 W

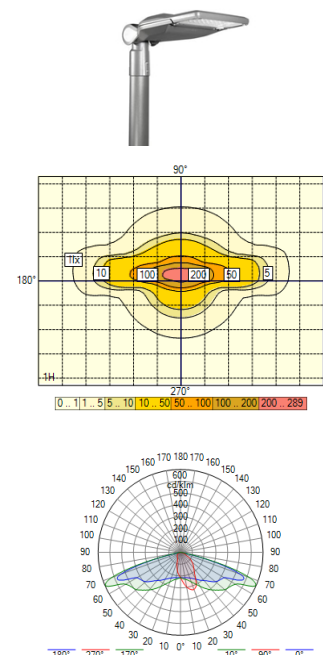
MF 0,85

Matrix 504862

Luminaire flux 3,017 klm

Efficacy 138 lm/W



**1.3. IZYLUM 2 30 LEDs 350mA WW730 Flat glass 5302 BL 449242****Type** IZYLUM 2**Reflector** 5302**Source** 30 LEDs 350mA WW730**Protector** Flat glass**Source flux** 5,550 klm**Luminaire wattage** 32,7 W**MF** 0,85**Matrix** 449242**Luminaire flux** 4,249 klm**Efficacy** 130 lm/W**2. Results****2.1. Grid summary***Vozovka***P5 (IL : Min = 0,60 lux Ave = 3,00 lux)**







1. Normal illuminance

	Ave (A) (lx)	Min/Ave (%)	Min/Max (%)	Min (lx)	Max (lx)
Sloupy VO	7,9	7	2	0,6	38,1







### 3. Sloupy VO

#### 3.1. Matrix description

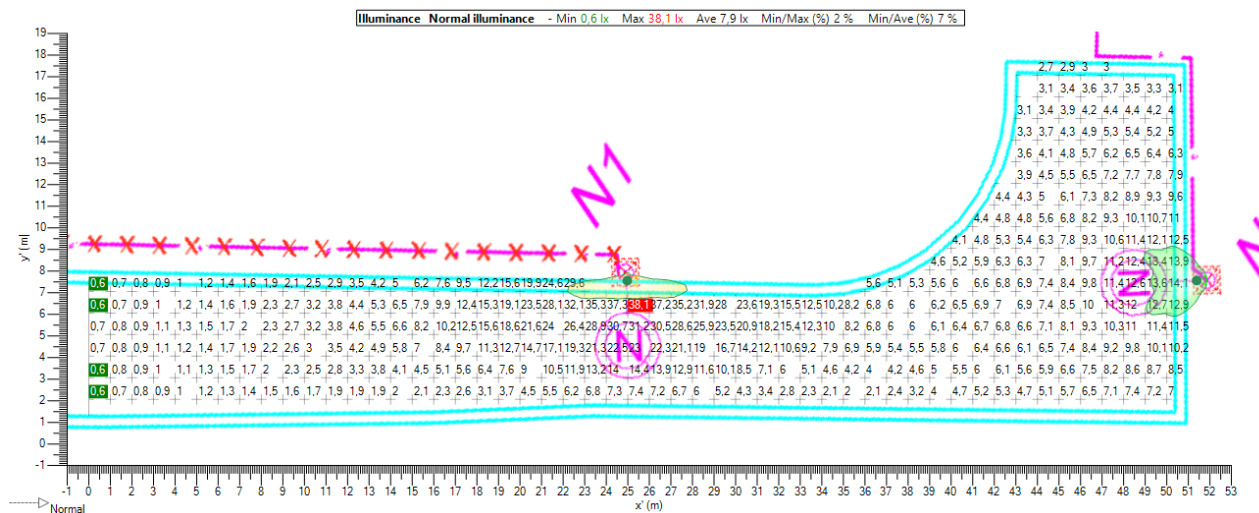
Ph. color	Description	Current [mA]	Source flux [klm]	Luminair e flux [klm]	Power [W]	Efficacy [lm/W]	MF	Height [m]	Fixture
	IZYLUM 2 30 LEDs 350mA WW730 Flat glass 5302 BL 449242	350	5,550	4,249	32,7	130	0,850	2 x 10,00	
	AMPERA EVO 1 20 LEDs 350mA WW730 Flat glass 5393 504862	350	3,700	3,017	21,8	139	0,850	1 x 6,00	
	AMPERA EVO 1 20 LEDs 500mA WW730 Flat glass 5399 504902	500	5,002	4,166	31,4	133	0,850	1 x 6,00	

#### 3.2. Luminaire groups

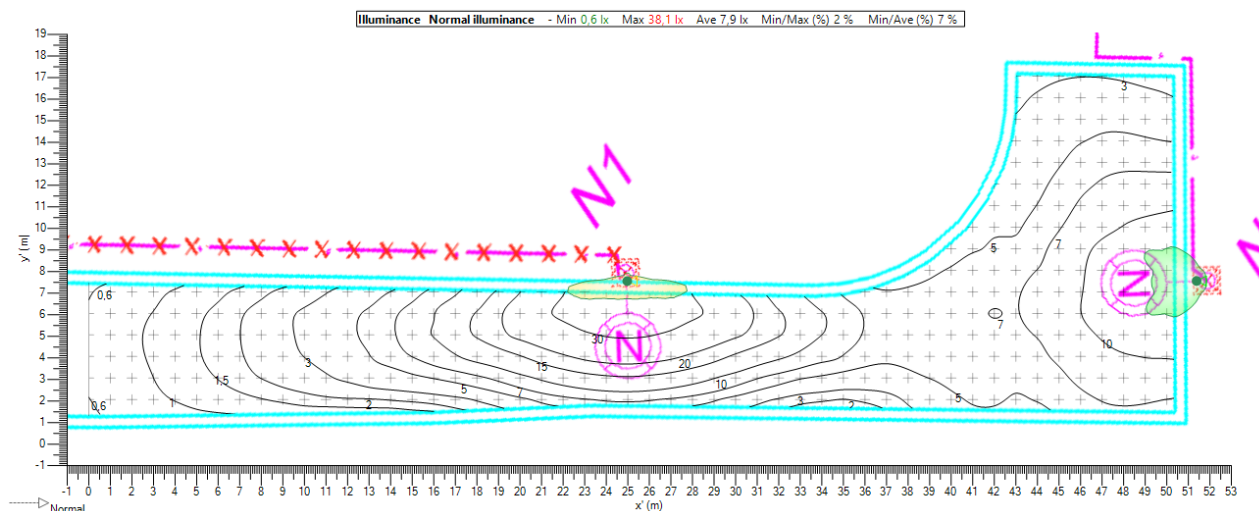
Single										
	Color	N°	Position			Luminaire				
			X [m]	Y [m]	Z [m]	Name	Az [°]	Incl [°]	Rot [°]	Dim [%]
<input checked="" type="checkbox"/>		1	-41,92	57,38	10,00	Sloup Českolipská (1)	145,0	5,0	0,0	100
<input checked="" type="checkbox"/>		2	-22,40	51,90	10,00	Sloup Českolipská (2)	323,9	5,0	0,0	100
<input checked="" type="checkbox"/>		3	-18,46	8,36	6,00	Sloup (1)	233,7	0,0	0,0	100
<input checked="" type="checkbox"/>		4	-3,02	-13,07	6,00	Sloup (2)	322,1	0,0	0,0	100

### 3.3. Vozovka - Normal

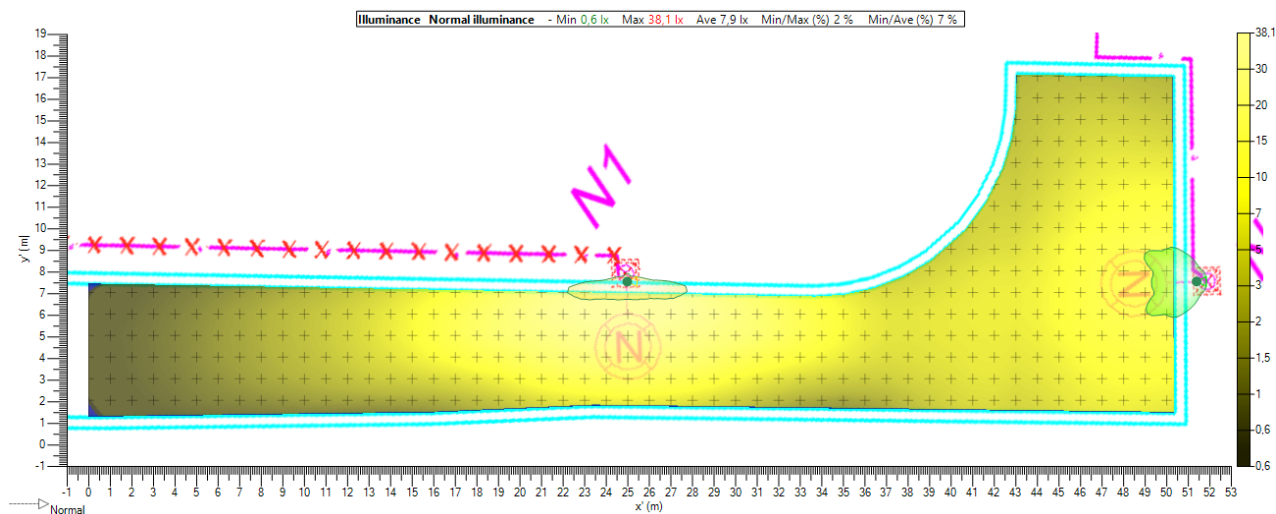
#### Values



#### Isolevel



#### Shading



## 4. Grids

### 4.1. Vozovka

General		Geometry			
Type	Grid rectangular XY	Origin	X -39,14 m	Y 24,24 m	Z 0,00 m
Use Exclusion	Use exclusion	Rotation	X 0,0 °	Y 0,0 °	Z 305,8 °
Enabled	<input checked="" type="checkbox"/>	Dimension	Count X 53	Count Y 19	
Colour	<div></div>		Spacing X 1,00 m	Spacing Y 1,00 m	
			Size X 52,00 m	Size Y 18,00 m	