

# Comune di Quarrata - Via di Mezzo Intersezione Allegato G

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**Designer** Studio Tecnico

**Date** 22/03/2022

**Application** Ulysse 3.5.2

**Description** Verifica Illuminotecnica Via di Mezzo Intersezione Allegato G

Categoria C3

Teceo 1 48 1000mA ottica 5119

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## 1. Fixtures

### 1.1. TECEO GEN2 1 48 LEDs 1000mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292 (1)

Type TECEO GEN2 1

Reflector 5119

Source 48 LEDs 1000mA WW730

Protector Piano, Vetro extra chiaro, Liscio

Source flux 19,923 klm

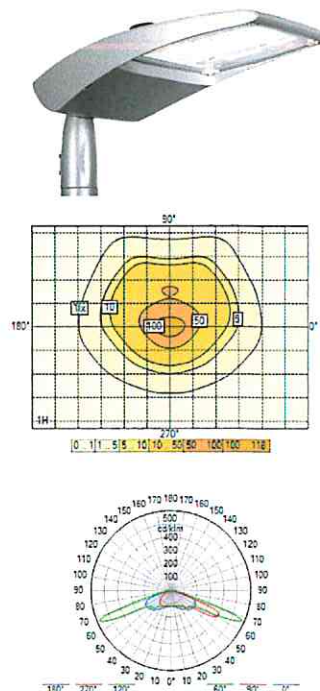
Luminaire wattage 153,0 W

MF 0,80

Matrix 468292

Luminaire flux 16,155 klm

Efficacy 106 lm/W



### 1.2. TECEO GEN2 1 40 LEDs 800mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292

Type TECEO GEN2 1

Reflector 5119

Source 40 LEDs 800mA WW730

Protector Piano, Vetro extra chiaro, Liscio

Source flux 14,103 klm

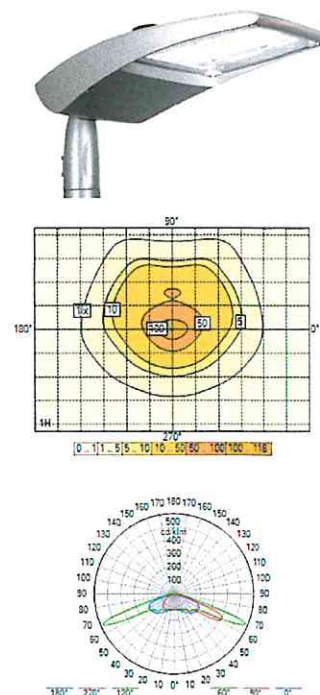
Luminaire wattage 100,0 W

MF 0,80

Matrix 468292

Luminaire flux 11,436 klm

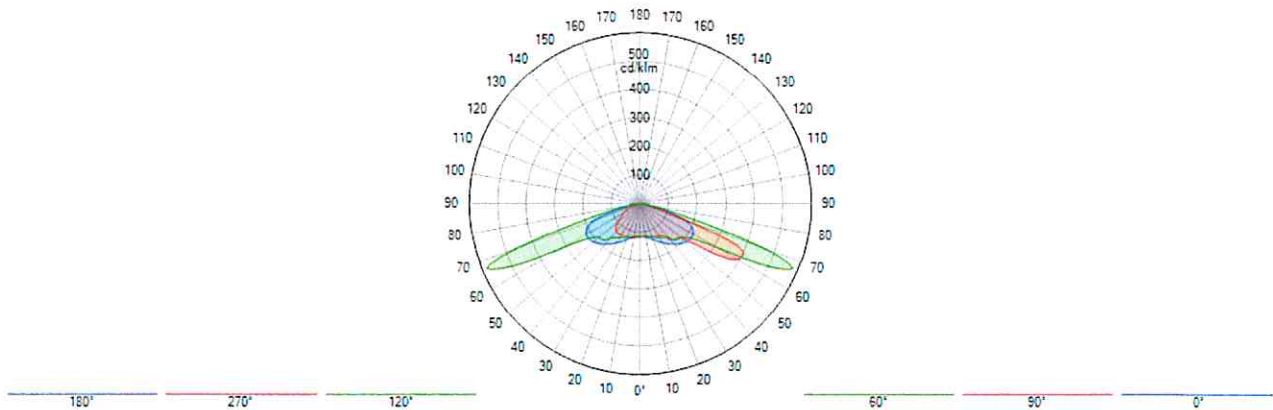
Efficacy 114 lm/W



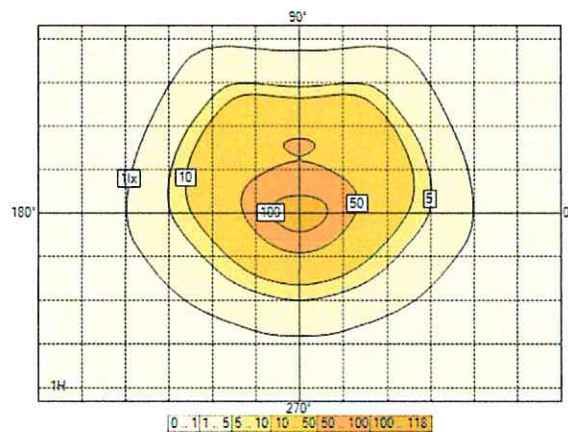
## 2. Photometric documents

### 2.1. TECEO GEN2 1 48 LEDs 1000mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292 (1)

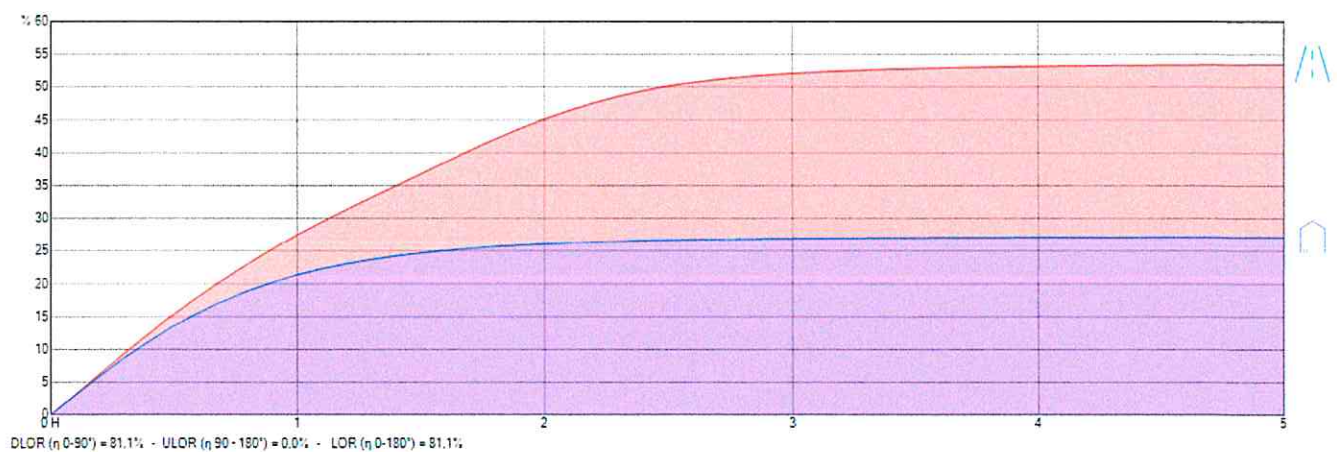
Polar/Cartesian diagram



Isolux

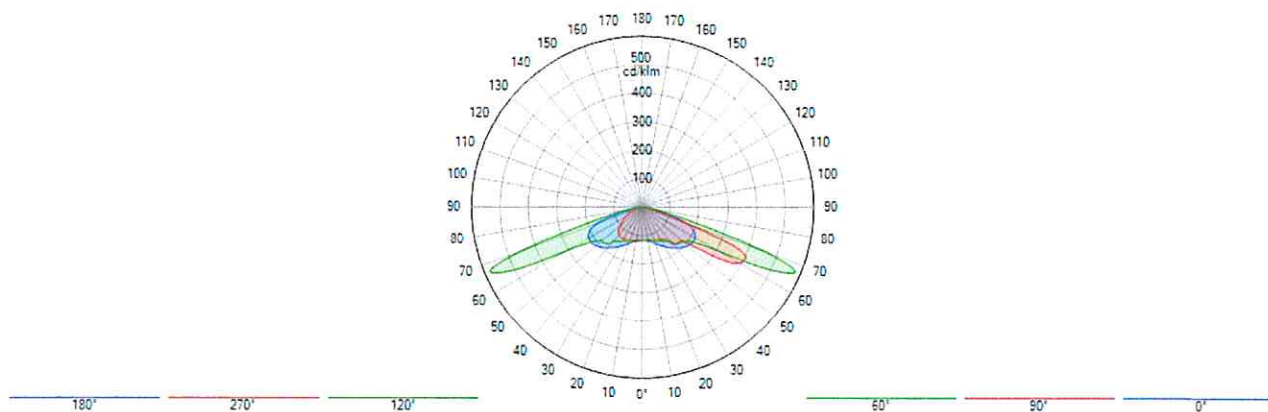


Utilization curve

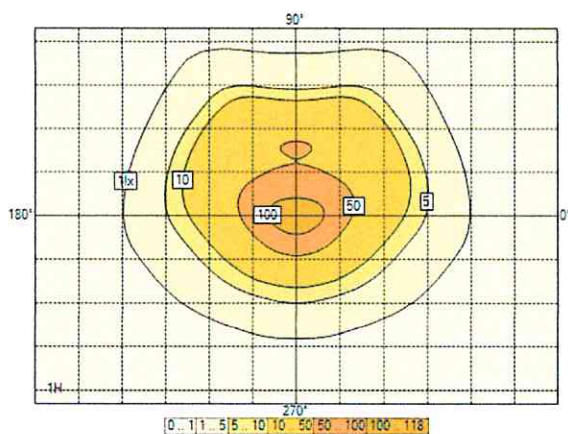


## 2.2. TECEO GEN2 1 40 LEDs 800mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292

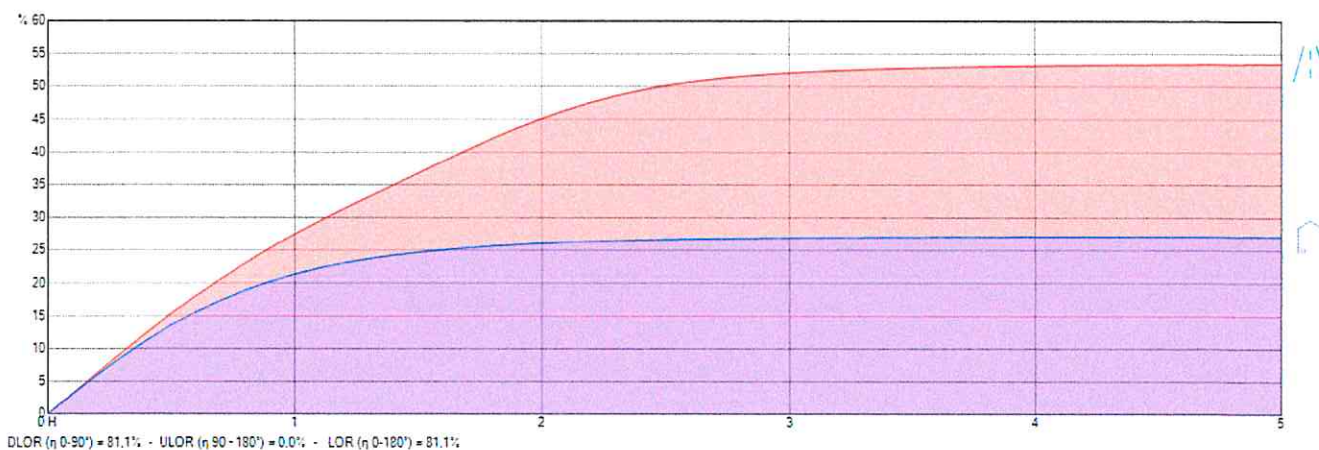
### Polar/Cartesian diagram



### Isolux



### Utilization curve





### 3. Results

#### 3.1. Grid summary

Grid rectangular XY

CE3 (IL : Ave = 15,00 lux Uo = 40 %)

1. Normal illuminance

	Ave (A) (lx)	Min/Ave (%)	Min/Max (%)	Min (lx)	Max (lx)
Configuration	15,6	44	24	6,8	29,0



### 4. Power consumption

#### 4.1. Configuration

Fixture	Current [mA]	Qty	Dimming	Power / Fixture	Total
TECEO GEN2 1 40 LEDs 800mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292	800	1	100 %	100 W	100 W
TECEO GEN2 1 48 LEDs 1000mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292 (1)	1000	1	100 %	153 W	153 W

### 5. Configuration

#### 5.1. Matrix description

Ph. color	Description	Current [mA]	Source flux [klm]	Luminair e flux [klm]	Power [W]	Efficacy [lm/W]	MF	Height [m]	Fixture
	TECEO GEN2 1 48 LEDs 1000mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292 (1)	1000	19,923	16,155	153,4	105	0,800	1 x 9,00	
	TECEO GEN2 1 40 LEDs 800mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292	800	14,103	11,436	100,4	114	0,800	1 x 9,00	

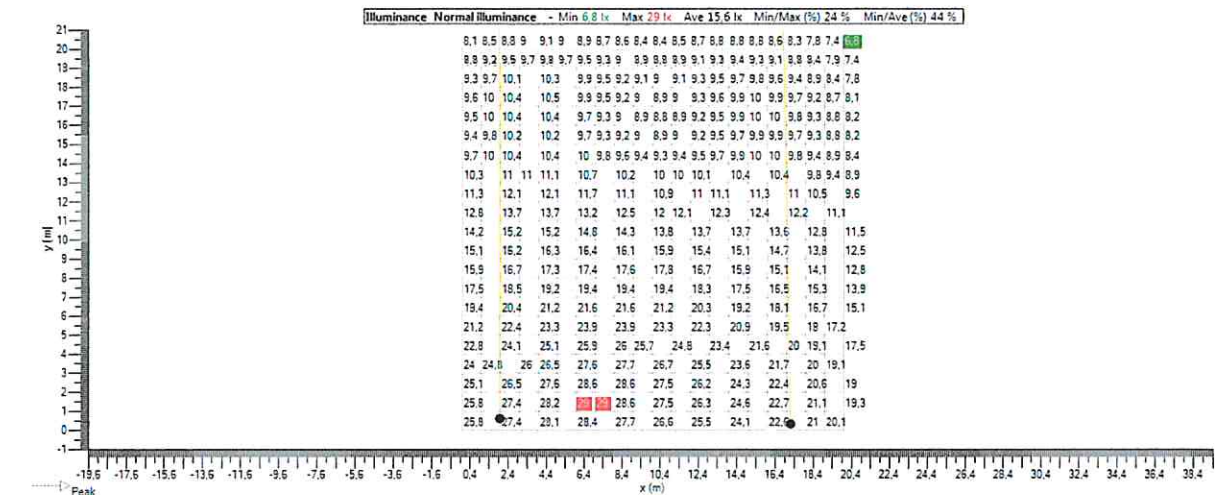
#### 5.2. Luminaire positions

	Color	N°	Position			Luminaire							Target		
			X [m]	Y [m]	Z [m]	Name	Current [mA]	Az [°]	Incl [°]	Rot [°]	Flux [klm]	MF	X [m]	Y [m]	Z [m]
<input checked="" type="checkbox"/>		1	1,97	0,62	9,00	TECEO GEN2 1 48 LEDs 1000mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292 (1)	-	360,0	5,0	0,0	19,923	0,800	1,97	1,40	0,00
<input checked="" type="checkbox"/>		2	17,21	0,34	9,00	TECEO GEN2 1 40 LEDs 800mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292	-	359,0	5,0	0,0	14,103	0,800	17,20	1,12	0,00

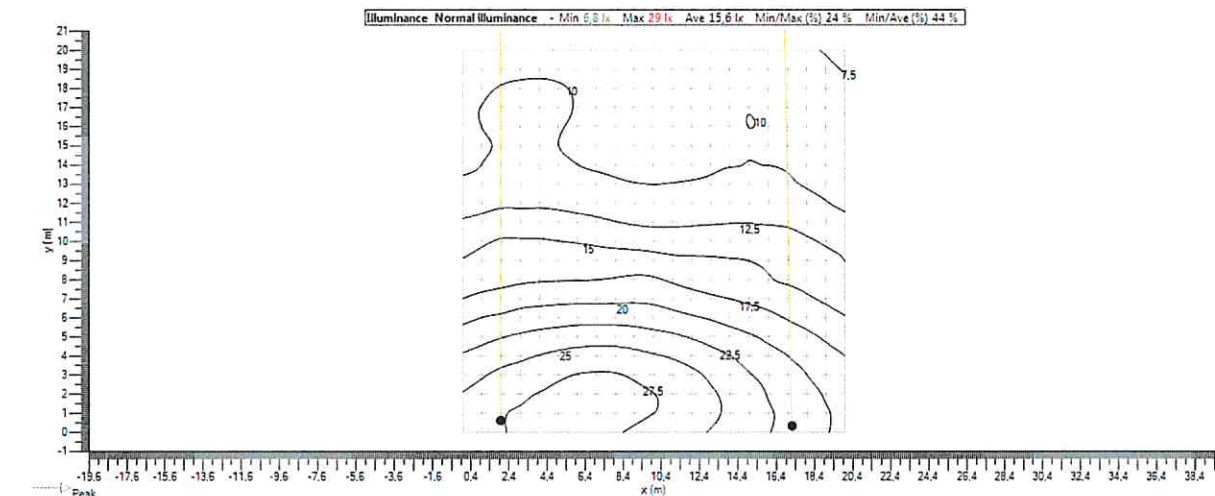
#### 5.3. Luminaire groups

Single											
	Color	N°	Position			Luminaire					
			X [m]	Y [m]	Z [m]	Name	Az [°]	Incl [°]	Rot [°]	Dim [%]	
<input checked="" type="checkbox"/>		1	1,97	0,62	9,00	Luminaire single	360,0	5,0	0,0	100	
<input checked="" type="checkbox"/>		2	17,21	0,34	9,00	Luminaire single (1)	359,0	5,0	0,0	100	

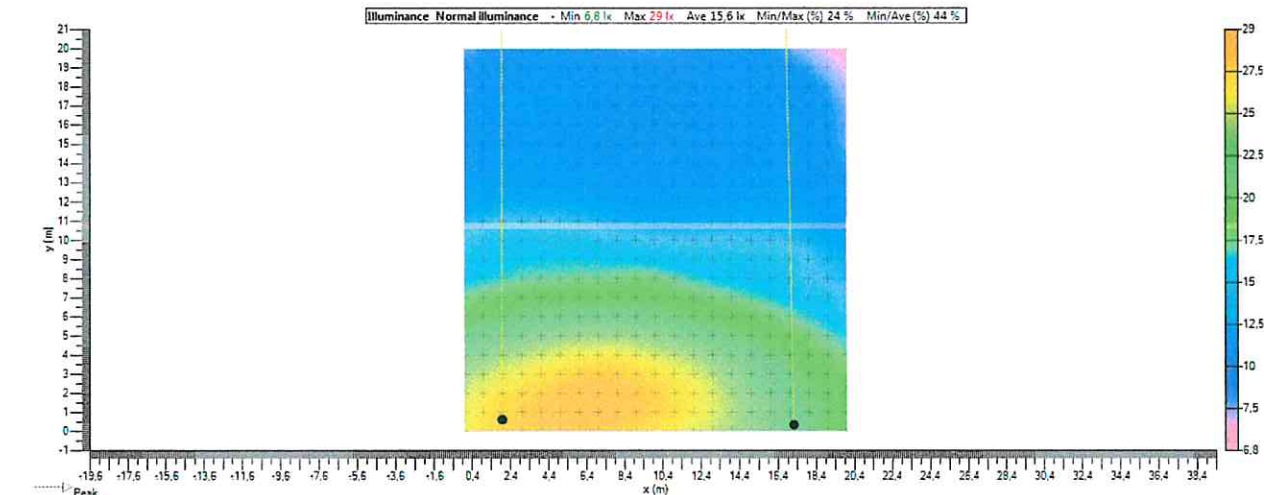
5.4. Grid rectangular XY - Normal  
Values



Isolevel



Shading



## 6. Grids

### 6.1. Grid rectangular XY

**General**

Type

Enabled ☒

Colour

**Geometry**

Origin	X 0,00 m	Y 0,00 m	Z 0,00 m
Rotation	X 0,0 °	Y 0,0 °	Z 0,0 °
Dimension	Count X 21	Count Y 21	
	Spacing X 1,00 m	Spacing Y 1,00 m	
	Size X 20,00 m	Size Y 20,00 m	