

# Comune di Quarrata - Via Firenze Trittico Allego D

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**Designer** Studio Tecnico

**Date** 22/03/2022

**Application** Ulysse 3.5.2

**Description** Verifica Illuminotecnica Via Firenze Trittico Allego D

Categoria C2

Teceo 1 48led 800mA 131W ottica 5119

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## 1. Fixtures

### 1.1. TECEO GEN2 1 48 LEDs 800mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292

Type TECEO GEN2 1

Reflector 5119

Source 48 LEDs 800mA WW730

Protector Piano, Vetro extra chiaro, Liscio

Source flux 16,924 klm

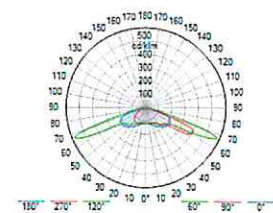
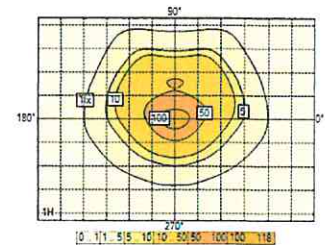
Luminaire wattage 119,0 W

MF 0,80

Matrix 468292

Luminaire flux 13,723 klm

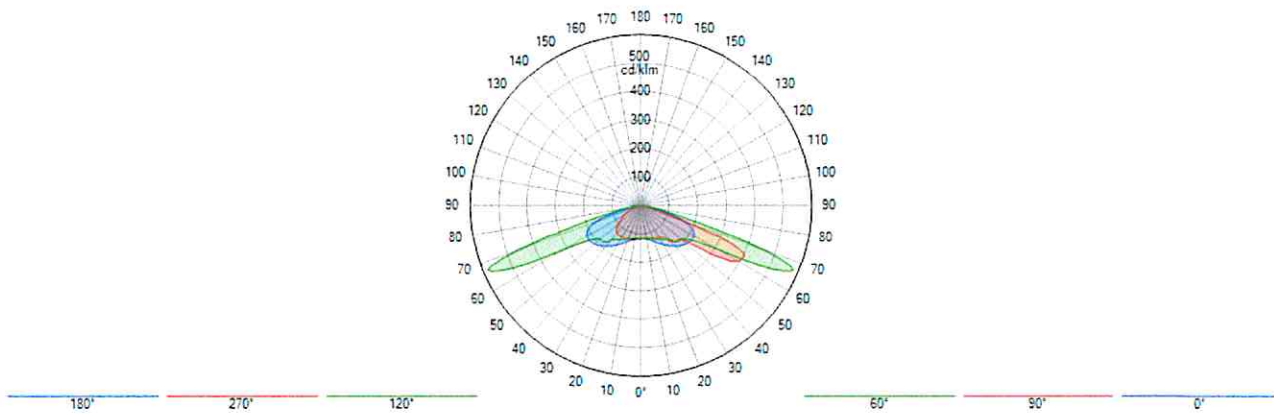
Efficacy 115 lm/W



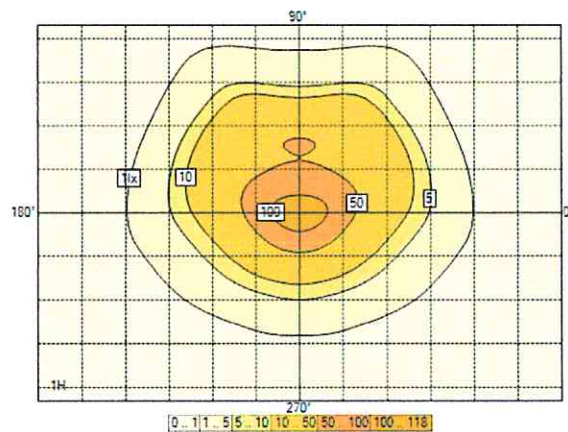
## 2. Photometric documents

### 2.1. TECEO GEN2 1 48 LEDs 800mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292

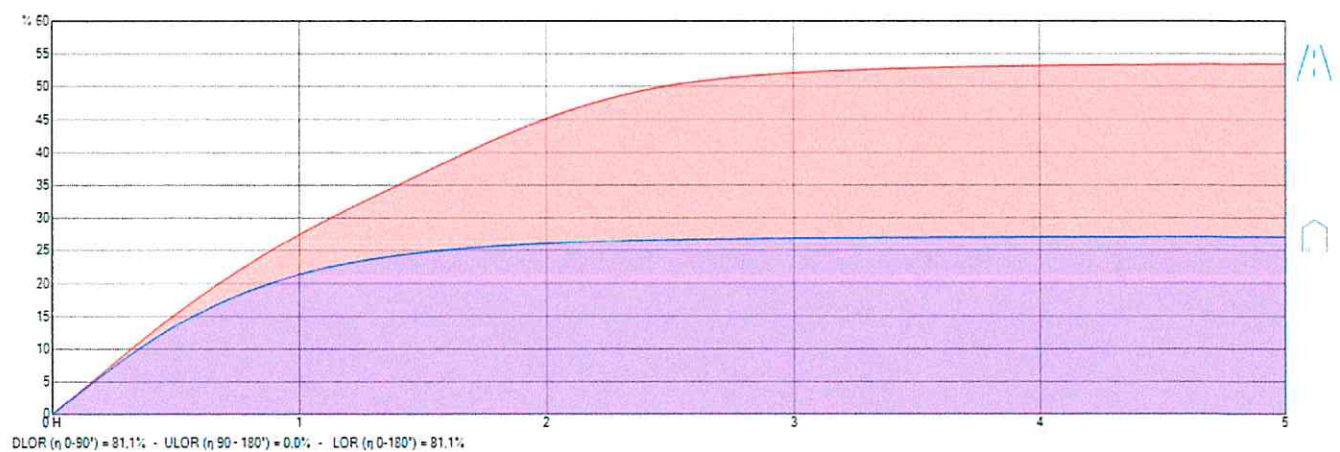
Polar/Cartesian diagram



Isolux



Utilization curve



### 3. Results

#### 3.1. Grid summary

Grid rectangular XY

CE2 (IL : Ave = 20,00 lux Uo = 40 %)

1. Normal illuminance

	Ave (A) (lx)	Min/Ave (%)	Min/Max (%)	Min (lx)	Max (lx)
Configuration	30,3	43	26	12,9	50,0



### 4. Power consumption

#### 4.1. Configuration

Fixture	Current [mA]	Qty	Dimming	Power / Fixture	Total
TECEO GEN2 1 48 LEDs 800mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292	800	4	100 %	119 W	475 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 800mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292	800	16,924	13,723	118,7	116	0,800	4 x 10,00	

#### 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	4,30	7,29	10,00	TECEO GEN2 1 48 LEDs 800mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292	-	307,7	0,0	0,0	16,924	0,800	4,30	7,29	0,00
<input checked="" type="checkbox"/>		2	4,41	5,89	10,00	TECEO GEN2 1 48 LEDs 800mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292	-	218,7	0,0	0,0	16,924	0,800	4,41	5,89	0,00
<input checked="" type="checkbox"/>		3	5,25	6,56	10,00	TECEO GEN2 1 48 LEDs 800mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292	-	88,4	0,0	0,0	16,924	0,800	5,25	6,56	0,00
<input checked="" type="checkbox"/>		4	28,75	1,75	10,00	TECEO GEN2 1 48 LEDs 800mA WW730 Piano, Vetro extra chiaro, Liscio 5119 468292	-	357,7	0,0	0,0	16,924	0,800	28,75	1,75	0,00

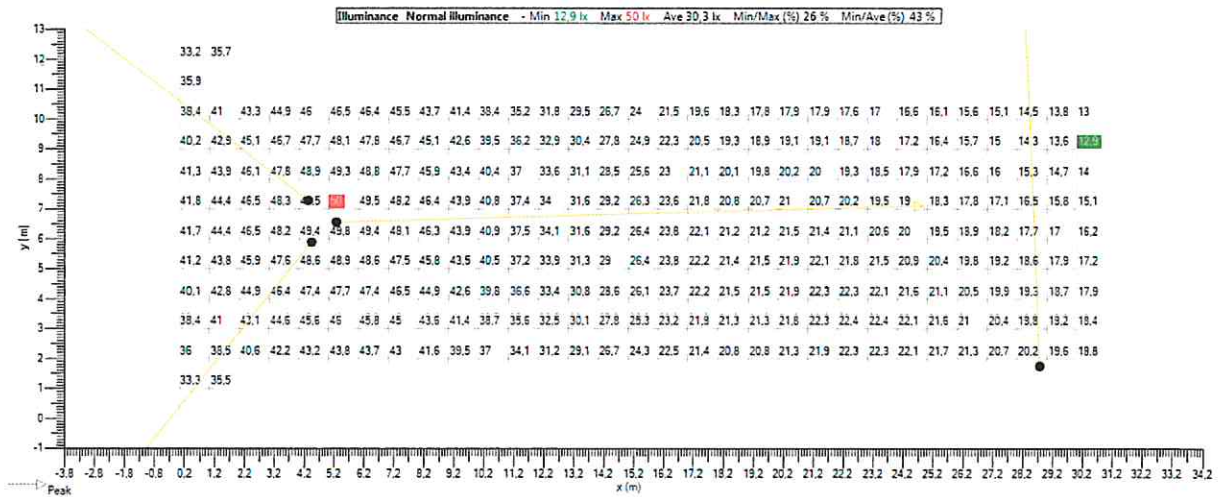
#### 5.3. Luminaire groups

Single										
	Color	N°	Position			Luminaire				
			X [m]	Y [m]	Z [m]	Name	Az [°]	Incl [°]	Rot [°]	Dim [%]
<input checked="" type="checkbox"/>		1	4,30	7,29	10,00	Luminaire single	307,7	0,0	0,0	100
<input checked="" type="checkbox"/>		2	4,41	5,89	10,00	Luminaire single (1)	218,7	0,0	0,0	100
<input checked="" type="checkbox"/>		3	5,25	6,56	10,00	Luminaire single (2)	88,4	0,0	0,0	100
<input checked="" type="checkbox"/>		4	28,75	1,75	10,00	Luminaire single (3)	357,7	0,0	0,0	100

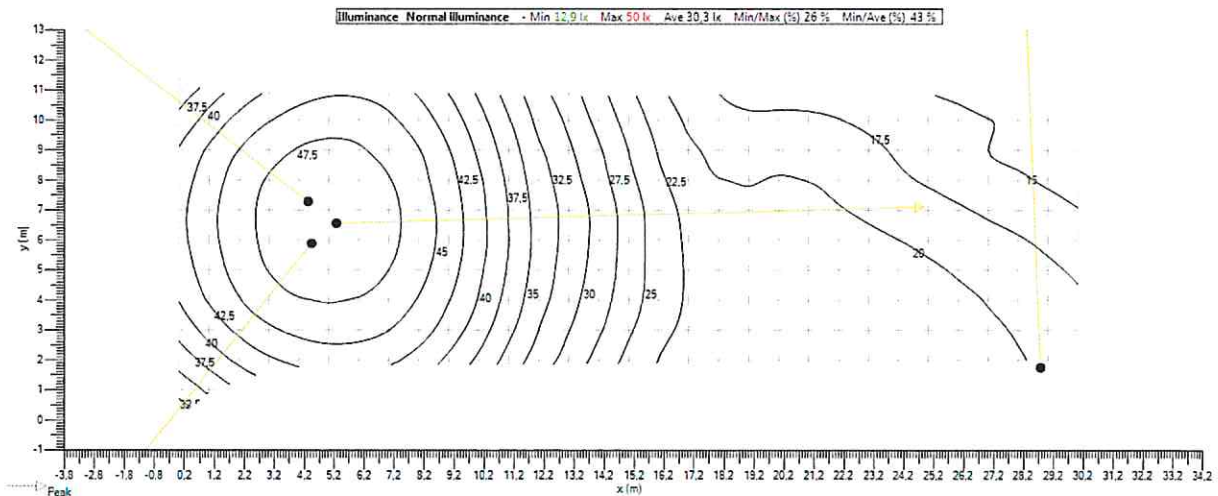


## 5.4. Grid rectangular XY - Normal

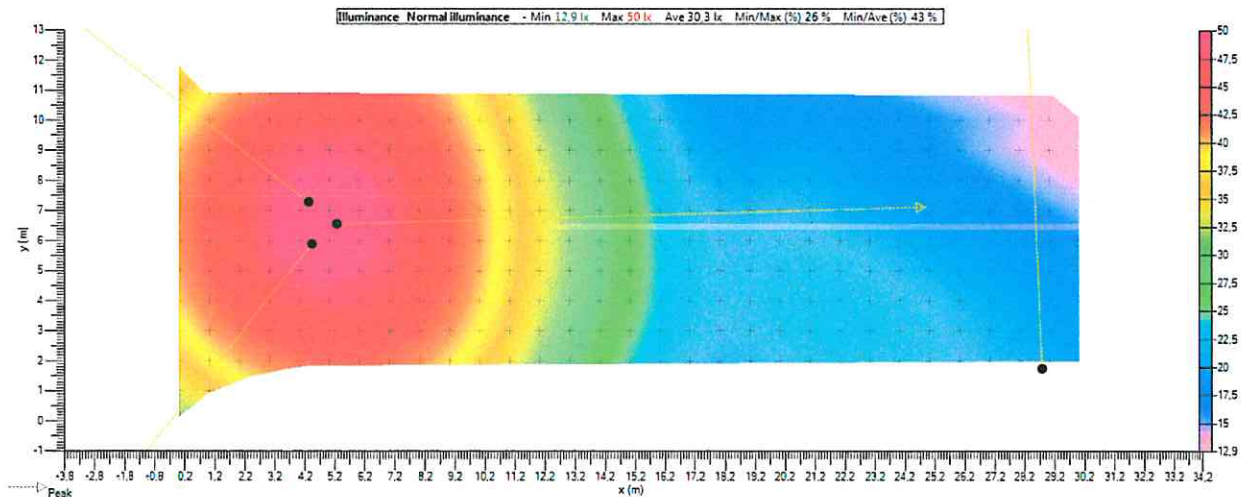
### Values



### Isolevel



### Shading



## 6. Grids


### 6.1. Grid rectangular XY

General

Type Grid rectangular XY

Use Exclusion Use exclusion

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 31	Count Y 13	
	Spacing X 1,00 m	Spacing Y 1,00 m	
	Size X 30,00 m	Size Y 12,00 m	