

Comune di Quarrata - Rotatoria Via Firenze Via Statale

Designer Studio Tecnico

Date 22/03/2022

Application Ulysse 3.5.2

Description Verifica Illuminotecnica Rotatoria Via Firenze Via Statale Allegato E
Categoria C2

Teceo 2 72led 600mA ottica 5119

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1. Fixtures

1.1. TECEO GEN2 2 72 LEDs 600mA WW730 Piano, Vetro extra chiaro, Liscio 5119 467122

Type TECEO GEN2 2

Reflector 5119

Source 72 LEDs 600mA WW730

Protector Piano, Vetro extra chiaro, Liscio

Source flux 20,046 klm

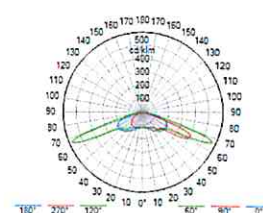
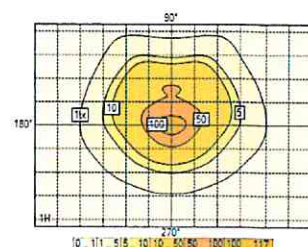
Luminaire wattage 128,0 W

MF 0,80

Matrix 467122

Luminaire flux 16,330 klm

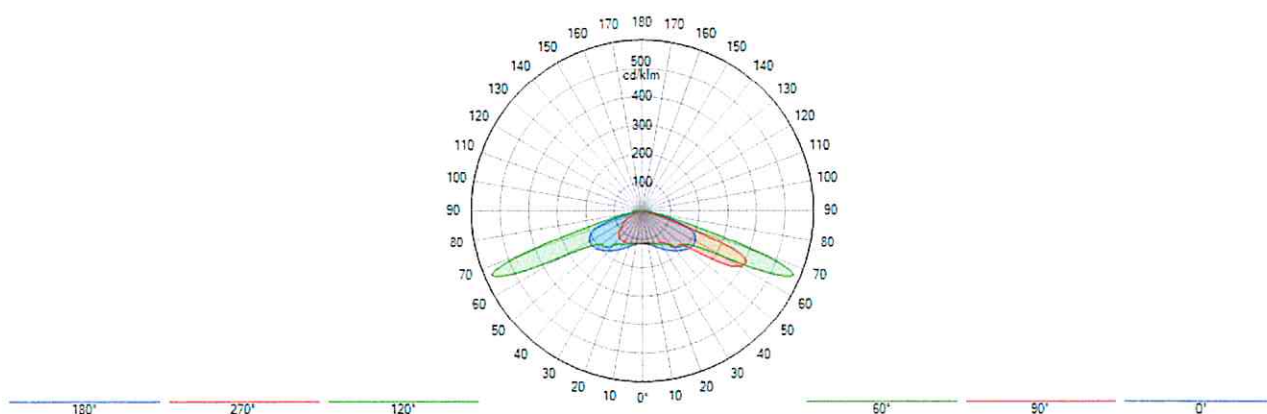
Efficacy 128 lm/W



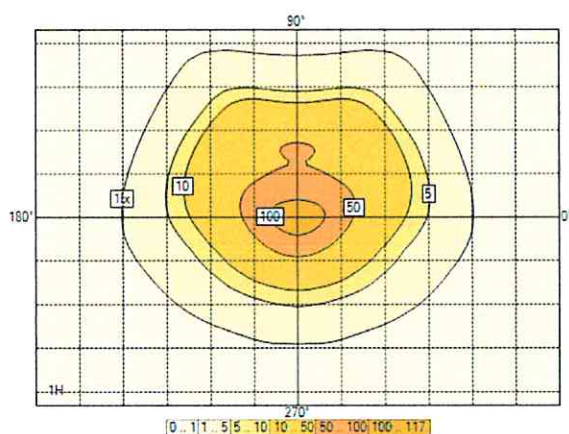
2. Photometric documents

2.1. TECEO GEN2 2 72 LEDs 600mA WW730 Piano, Vetro extra chiaro, Liscio 5119 467122

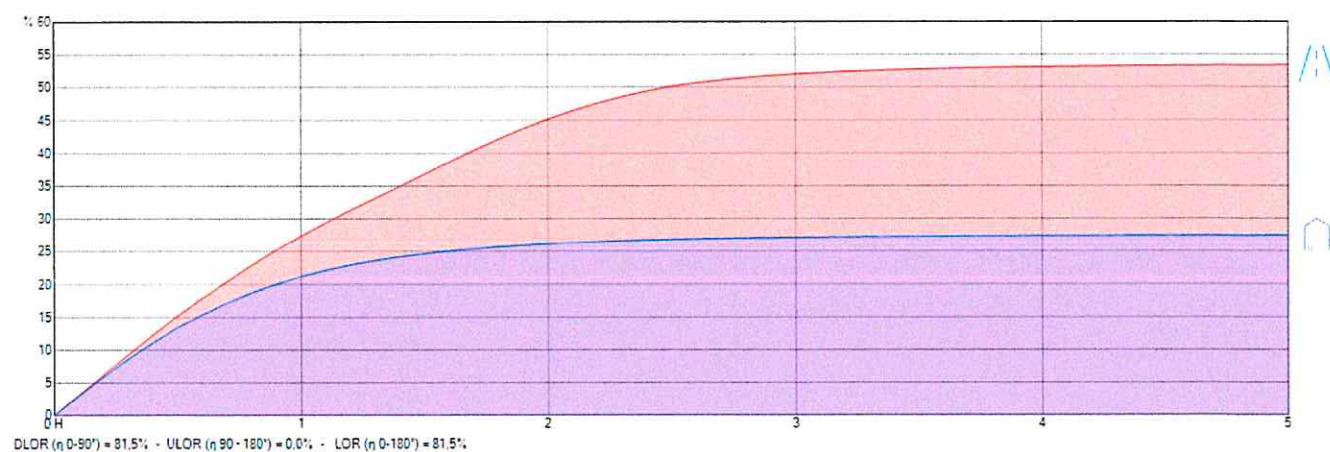
Polar/Cartesian diagram



Isolux



Utilization curve



3. Results

3.1. Grid summary

Grid circular

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

1. Normal illuminance

	Ave (A) (lx)	Min/Ave (%)	Min/Max (%)	Min (lx)	Max (lx)
Configuration	22,5	63	45	14,1	31,6



4. Power consumption

4.1. Configuration

Fixture	Current [mA]	Qty	Dimming	Power / Fixture	Total
TECEO GEN2 2 72 LEDs 600mA WW730 Piano, Vetro extra chiaro, Liscio 5119 467122	600	6	100 %	128 W	768 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 2 72 LEDs 600mA WW730 Piano, Vetro extra chiaro, Liscio 5119 467122	600	20,046	16,330	128,1	128	0,800	6 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	-21,04	8,14	10,00	TECEO GEN2 2 72 LEDs 600mA WW730 Piano, Vetro extra chiaro, Liscio 5119 467122	-	113,0	0,0	0,0	20,046	0,800	-21,04	8,14	0,00
<input checked="" type="checkbox"/>		2	-13,48	-19,65	10,00	TECEO GEN2 2 72 LEDs 600mA WW730 Piano, Vetro extra chiaro, Liscio 5119 467122	-	29,0	0,0	0,0	20,046	0,800	-13,48	-19,65	0,00
<input checked="" type="checkbox"/>		3	-8,39	22,24	10,00	TECEO GEN2 2 72 LEDs 600mA WW730 Piano, Vetro extra chiaro, Liscio 5119 467122	-	92,1	0,0	0,0	20,046	0,800	-8,39	22,24	0,00
<input checked="" type="checkbox"/>		4	10,14	18,93	10,00	TECEO GEN2 2 72 LEDs 600mA WW730 Piano, Vetro extra chiaro, Liscio 5119 467122	-	211,0	0,0	0,0	20,046	0,800	10,14	18,93	0,00
<input checked="" type="checkbox"/>		5	22,10	-19,20	10,00	TECEO GEN2 2 72 LEDs 600mA WW730 Piano, Vetro extra chiaro, Liscio 5119 467122	-	317,8	0,0	0,0	20,046	0,800	22,10	-19,20	0,00
<input checked="" type="checkbox"/>		6	22,89	0,95	10,00	TECEO GEN2 2 72 LEDs 600mA WW730 Piano, Vetro extra chiaro, Liscio 5119 467122	-	270,9	0,0	0,0	20,046	0,800	22,89	0,95	0,00

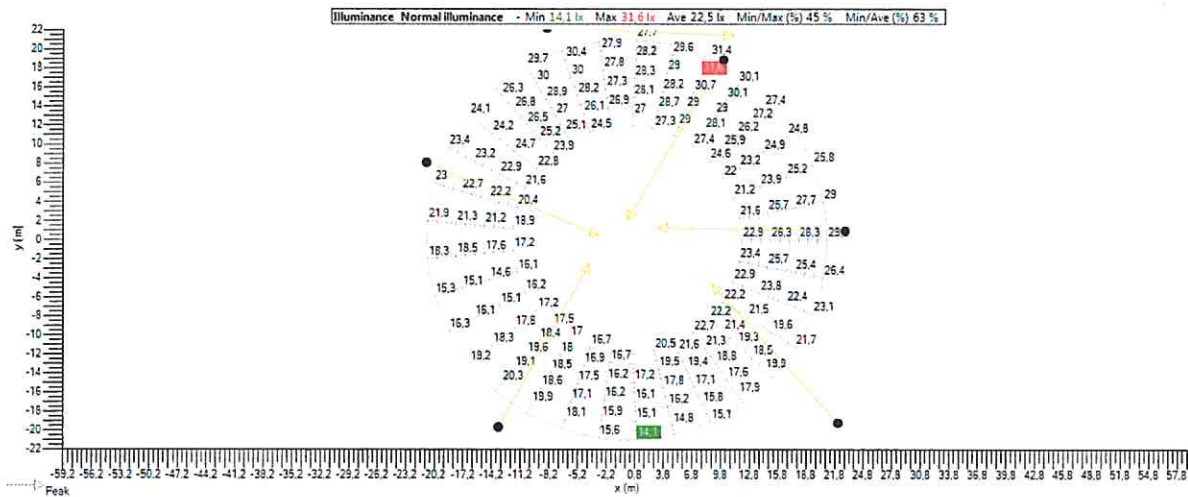
5.3. Luminaire groups

Single											
	Color	N°	Position			Luminaire					
			X [m]	Y [m]	Z [m]	Name	Az [°]	Incl [°]	Rot [°]	Dim [%]	
<input checked="" type="checkbox"/>		1	-21,04	8,14	10,00	Luminaire single (4)	113,0	0,0	0,0	100	
<input checked="" type="checkbox"/>		2	-13,48	-19,65	10,00	Luminaire single	29,0	0,0	0,0	100	
<input checked="" type="checkbox"/>		3	-8,39	22,24	10,00	Luminaire single (5)	92,1	0,0	0,0	100	
<input checked="" type="checkbox"/>		4	10,14	18,93	10,00	Luminaire single (3)	211,0	0,0	0,0	100	
<input checked="" type="checkbox"/>		5	22,10	-19,20	10,00	Luminaire single (1)	317,8	0,0	0,0	100	

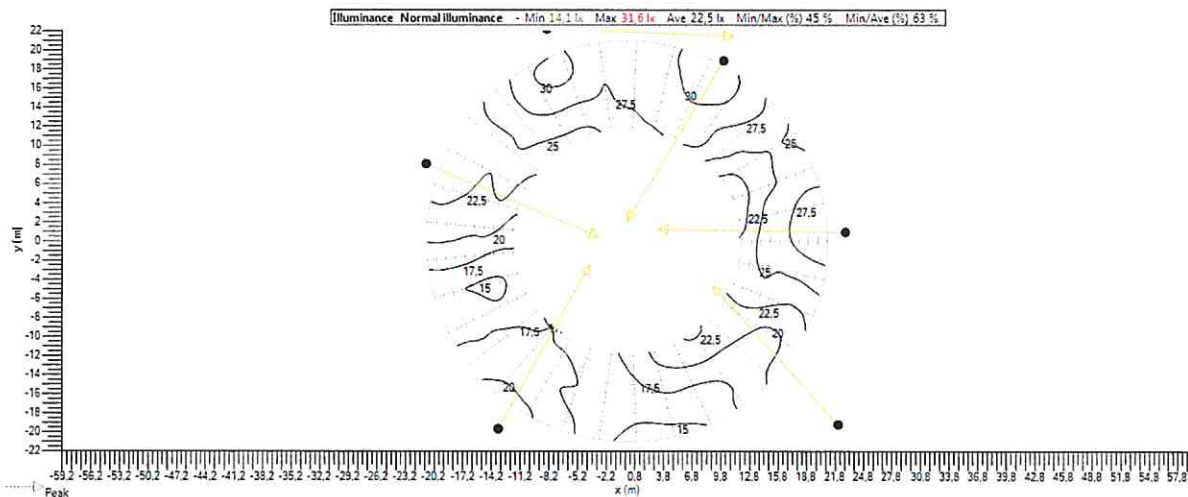
<input checked="" type="checkbox"/>		6	22,89	0,95	10,00	Luminaire single (2)	270,9	0,0	0,0	100
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5.4. Grid circular - Normal

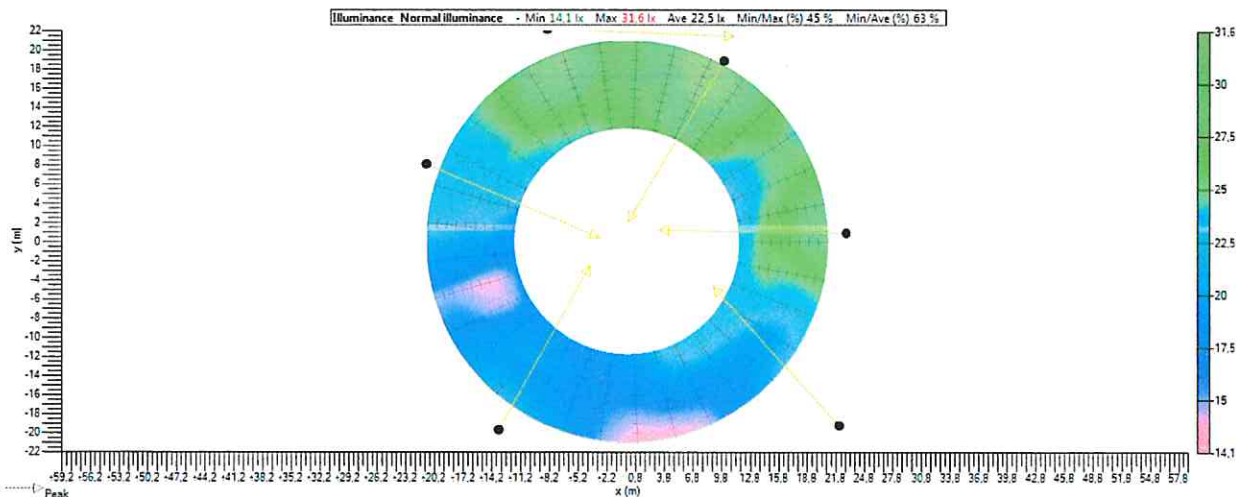
Values



Isolevel



Shading



6. Grids

6.1. Grid circular

General

Type Grid circular

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 21 Count R 33

Spacing 1,00 m Offset 1,00 m

Size X 20,00 m