



Ulysse 3



VERZUOLO - STRADA MATTONO INCROCIO STRADA PAPÒ'



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Study # : 01

Project # : 01

Date : 07/03/2019

MESSA IN SICUREZZA DELLE STRADE COMUNALI MEDIANTE INTEGRAZIONE DELL' IMPIANTO DI ILLUMINAZIONE ATTO A
GARANTIRE INCOLUMITA' E SICUREZZA PUBBLICA

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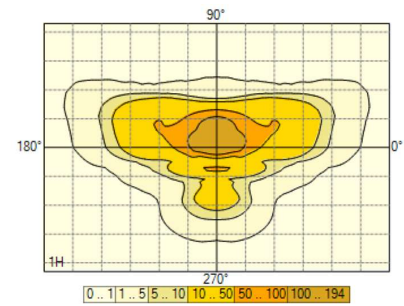
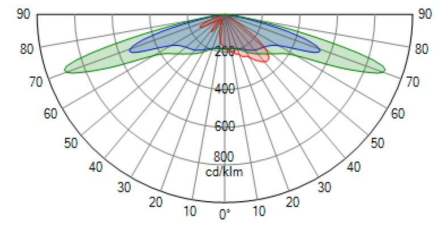
1. Fixtures

1.1. AXIA 2.2 40 LEDs 480mA WW Integrated lenses 5166 384202



Type	AXIA 2.2
Reflector	5166
Source	40 LEDs 480mA WW
Protector	Integrated lenses
Setting	
Source flux	7.9 klm
G-Class	1

Luminaire wattage	60.0 W
Source wattage	60.0 W
Efficacy	119 lm/W
Luminaire flux	7.116 klm
MF	0.85
Matrix	384202

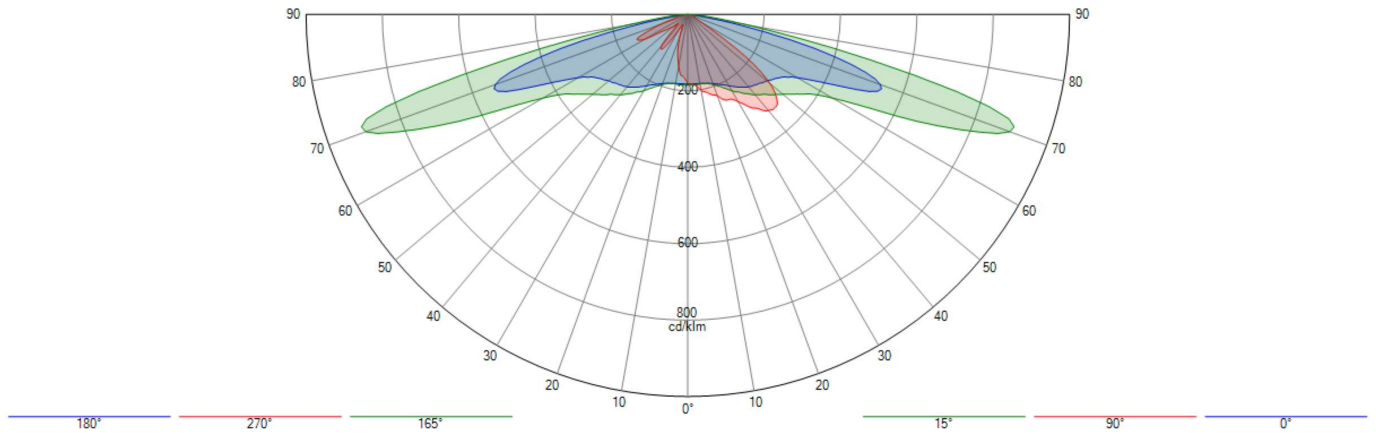


2. Photometric documents

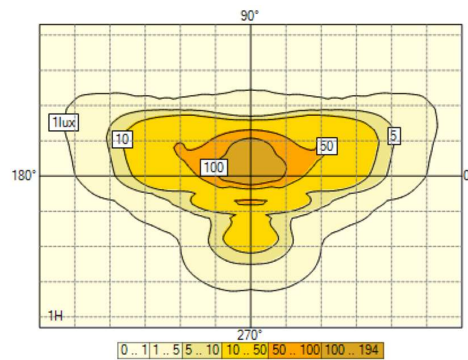
2.1. AXIA 2.2 40 LEDs 480mA WW Integrated lenses 5166 384202

384202

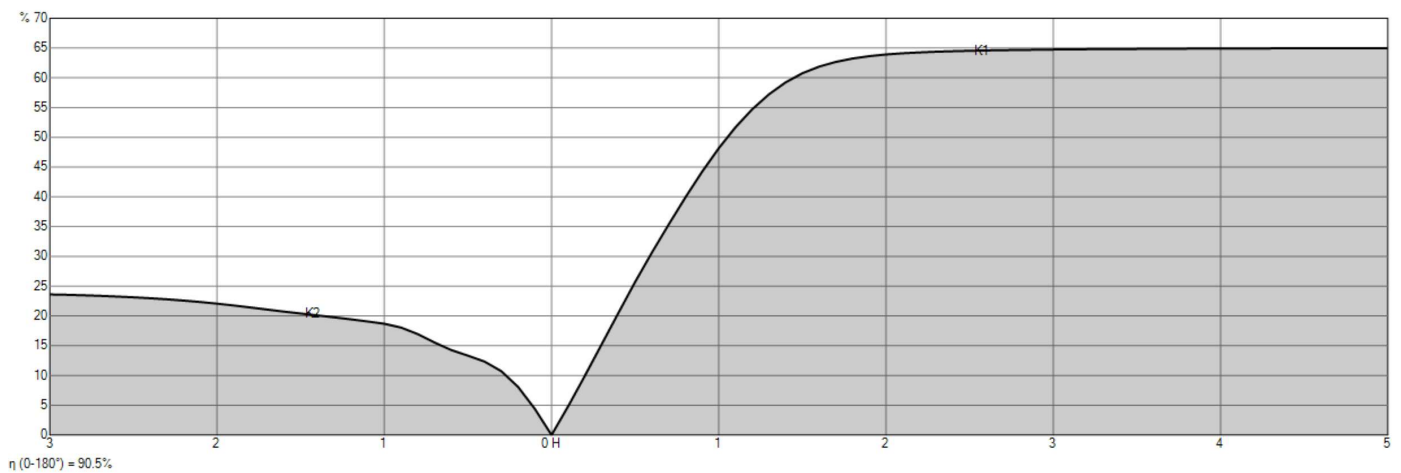
Polar/Cartesian diagram



Isolux



Utilization curve



3. Results

3.1. Grid summary

- Grid

C5 (IL : Ave = 7.50 lux Uo = 40 % TI : 15)

1. Normal illuminance

	Ave (A)(lux)	Min/Ave (%)	Min/Max (%)	Min (lux)	Max (lux)
Default	17.2	40	16	6.9	43.5



4. Summary power



4.1. Default

Fixture	Qty	Dimming	Power / Fixture	Total
AXIA 2.2 40 LEDs 480mA WW Integrated lenses 5166 384202	5	100 %	60 W	300 W

Total : 300 W

5. Default

5.1. Matrix description

Ph. color	Matrix	Description	Source flux [klm]	Luminaire flux [klm]	Efficacy [lm/W]	MF	Height	Fixture
	384202	AXIA 2.2 40 LEDs 480mA WW Integrated lenses 5166	7.867	7.116	119	0.850	5 x 7m	

5.2. Luminaire positions

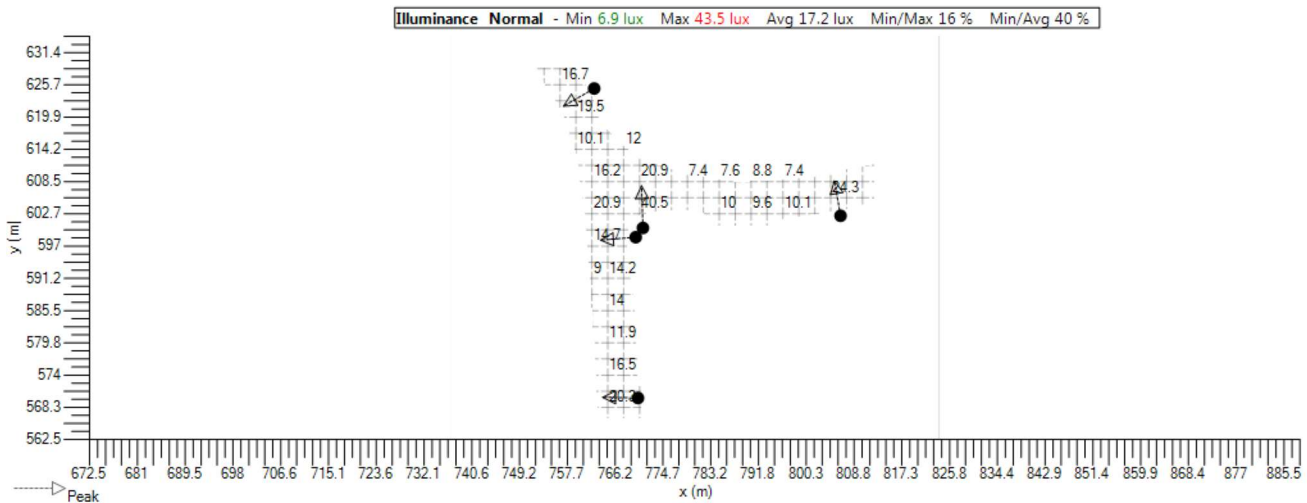
	N°	Position			Luminaire								Target		
		X [m]	Y [m]	Z [m]	Matrix	Description	Az [°]	Incl [°]	Rot [°]	Flux [klm]	MF		X [m]	Y [m]	Z [m]
<input checked="" type="checkbox"/>	1	762.45	625.02	7.00	384202	AXIA 2.2 40 LEDs 480mA WW Integrated lenses ...	240.2	0.0	0.0	7.867	0.850		762.45	625.02	0.00
<input checked="" type="checkbox"/>	2	769.87	598.56	7.00	384202	AXIA 2.2 40 LEDs 480mA WW Integrated lenses ...	265.2	0.0	0.0	7.867	0.850		769.87	598.56	0.00
<input checked="" type="checkbox"/>	3	770.26	569.94	7.00	384202	AXIA 2.2 40 LEDs 480mA WW Integrated lenses ...	271.1	0.0	0.0	7.867	0.850		770.26	569.94	0.00
<input checked="" type="checkbox"/>	4	771.15	600.21	7.00	384202	AXIA 2.2 40 LEDs 480mA WW Integrated lenses ...	358.1	5.0	0.0	7.867	0.850		771.13	600.82	0.00
<input checked="" type="checkbox"/>	5	806.39	602.38	7.00	384202	AXIA 2.2 40 LEDs 480mA WW Integrated lenses ...	350.0	0.0	0.0	7.867	0.850		806.39	602.38	0.00

5.3. Luminaire groups

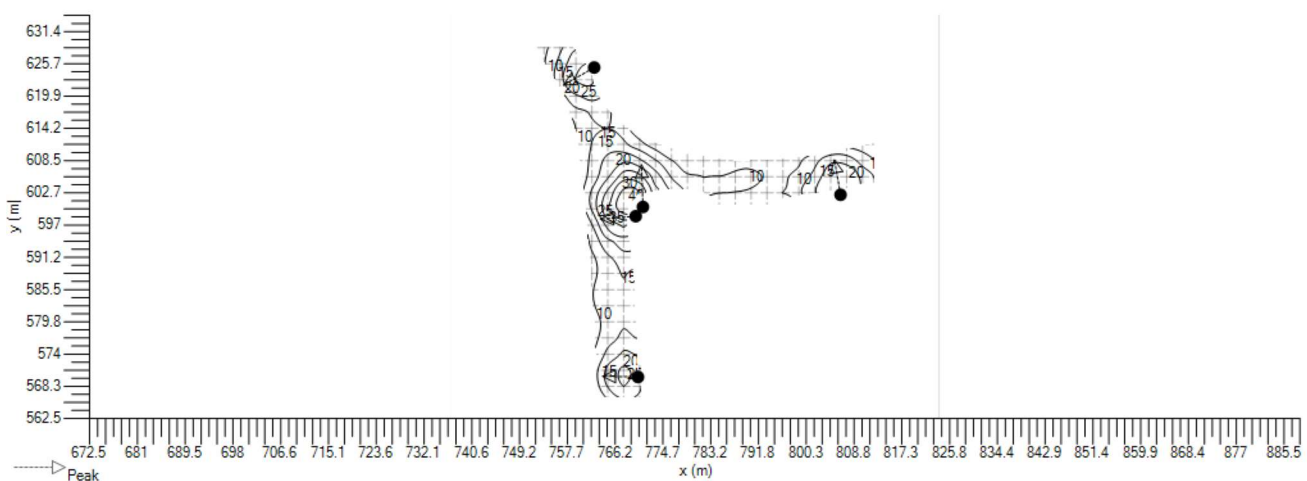
Single									
	N°	Position			Luminaire				
		X [m]	Y [m]	Z [m]	Matrix	Az [°]	Incl [°]	Rot [°]	Dim [%]
<input checked="" type="checkbox"/>	1	762.45	625.02	7.00	384202	240.2	0.0	0.0	100
<input checked="" type="checkbox"/>	2	769.87	598.56	7.00	384202	265.2	0.0	0.0	100
<input checked="" type="checkbox"/>	3	770.26	569.94	7.00	384202	271.1	0.0	0.0	100
<input checked="" type="checkbox"/>	4	771.15	600.21	7.00	384202	358.1	5.0	0.0	100
<input checked="" type="checkbox"/>	5	806.39	602.38	7.00	384202	350.0	0.0	0.0	100

5.4. Grid - Normal illuminance

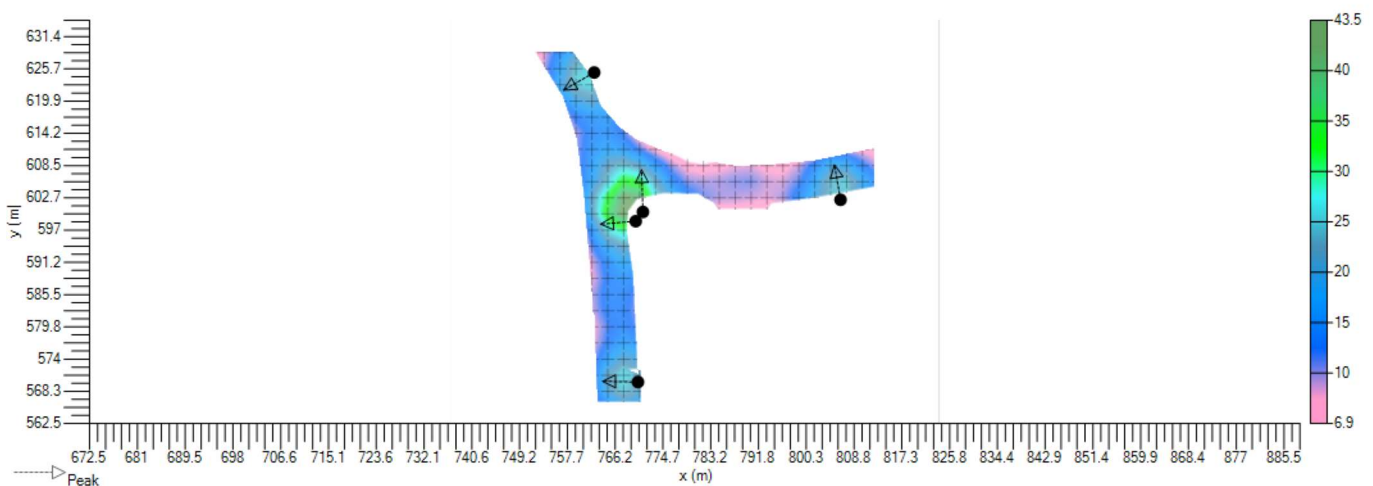
Values



Isolevel



Shading



6. Grids

6.1. Grid

General

Type : Grid rectangular XY

Use Exclusion : Use exclusion

En : ☒Colour : 

Geometry

Origin

X : Y : Z : m

Rotation

X : Y : Z : °

Dimension

Count X :	<input type="text" value="26"/>	Count Y :	<input type="text" value="24"/>	
Spacing X :	<input type="text" value="2.84"/>	Spacing Y :	<input type="text" value="2.87"/>	m
Size X :	<input type="text" value="71.00"/>	Size Y :	<input type="text" value="66.00"/>	m