

Museo Ex Casa degli Umiliati, Monza

Impianto : Calcoli illuminotecnici - Luce di Riserva, Piano Primo

Cliente : Comune di Monza

Autore : Studio Annunziata & Terzi

Data : 18.03.2012

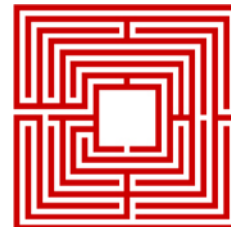
Progettisti:

Adriana Annunziata, Architetto

Corrado Terzi, Architetto

Marco Zanzarella, Designer

I seguenti valori si basano su calcoli esatti di lampade e punti luce tarati e sulla loro disposizione. Nella realtà potranno verificarsi differenze graduali. Resta escluso qualunque diritto di garanzia per i dati dei punti luce. Il produttore non si assume alcuna responsabilità per danni anche parziali derivanti all'utente o a terzi.



Dati punti luce

Pagina dati

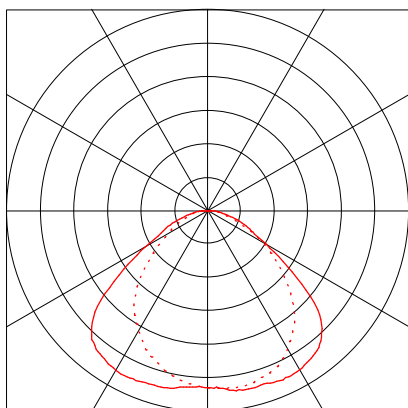
Tipo: iGuzzini illuminazione, Easy FL system 18W cod. 3274

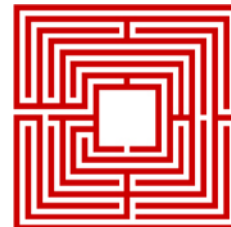
Dati punti luce

Rendimento punto luce : 77%
Luminaire efficacy : 44 lm/W
Classification : A40 ↓100.0% ↑0.0%
CIE Flux Codes : 52 85 97 100 76
Reattore/Alimentatore :
Potenza del sistema : 21 W
Diametro : 232 mm
Altezza : 100 mm

Sorgenti:

Quantità : 1
Nome : TC-D G24d-2
Temp. Di Colore :
Flusso luminoso : 1200 lm





Dati punti luce

Pagina dati

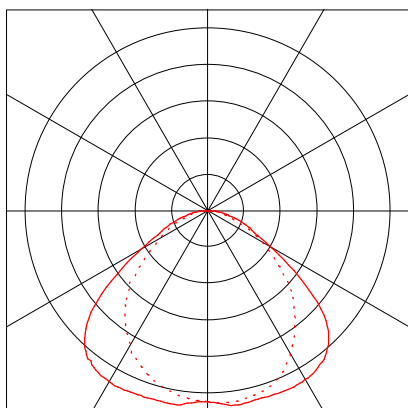
Tipo: iGuzzini illuminazione, Easy FL system 26W cod. 3275

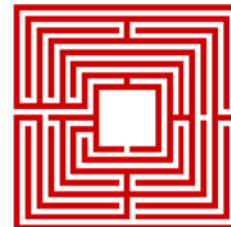
Dati punti luce

Rendimento punto luce : 76%
Luminaire efficacy : 45.6 lm/W
Classification : A40 ↓100.0% ↑0.0%
CIE Flux Codes : 52 85 97 100 75
Reattore/Alimentatore :
Potenza del sistema : 30 W
Diametro : 232 mm
Altezza : 100 mm

Sorgenti:

Quantità : 1
Nome : TC-D G24d-3
Temp. Di Colore :
Flusso luminoso : 1800 lm





Dati punti luce

Pagina dati

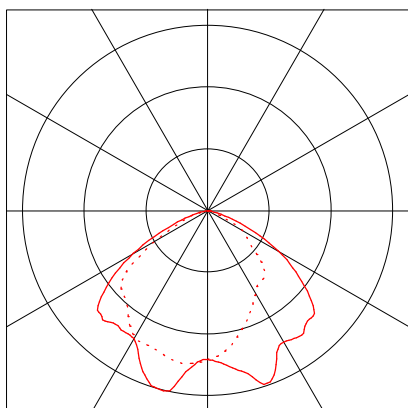
Tipo: iGuzzini illuminazione, Easy FL system 2x26W cod. 6283

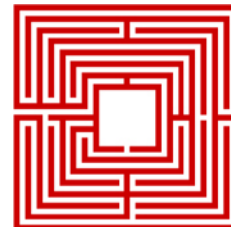
Dati punti luce

Rendimento punto luce : 74%
Luminaire efficacy : 44.4 lm/W
Classification : A40 ↓100.0% ↑0.0%
CIE Flux Codes : 51 88 100 100 74
Reattore/Alimentatore :
Potenza del sistema : 60 W
Diametro : 270 mm
Altezza : 100 mm

Sorgenti:

Quantità : 2
Nome : TC-DEL
G24q-3
Temp. Di Colore :
Flusso luminoso : 1800 lm





Dati punti luce

Pagina dati

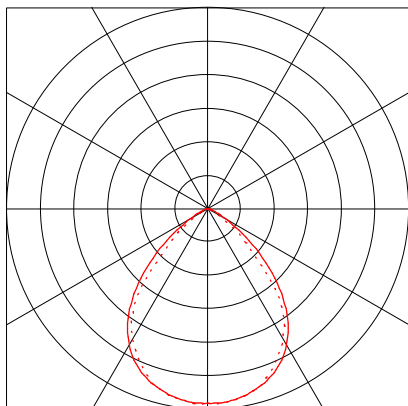
Tipo: iGuzzini illuminazione, Plafoni 44 2x26W cod. 8188

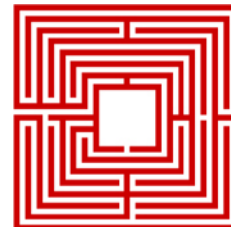
Dati punti luce

Rendimento punto luce : 39%
Luminaire efficacy : 23.4 lm/W
Classification : A60 ↓100.0% ↑0.0%
CIE Flux Codes : 74 98 100 100 39
Reattore/Alimentatore :
Potenza del sistema : 60 W
Diametro : 267 mm
Altezza : 155 mm

Sorgenti:

Quantità : 2
Nome : TC-D G24d-3
Temp. Di Colore :
Flusso luminoso : 1800 lm





Dati punti luce

Pagina dati

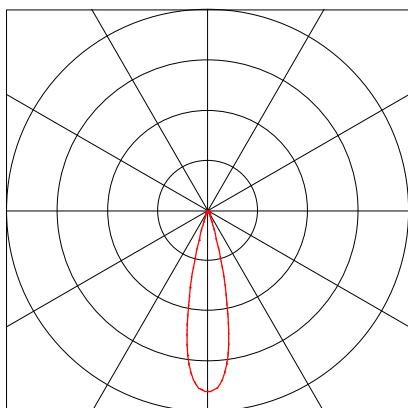
Tipo: iGuzzini illuminazione, Express 3x2,2W cod. 2975

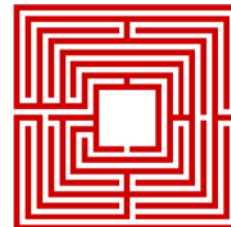
Dati punti luce

Rendimento punto luce : 74.3167%
Luminaire efficacy : 31.25 lm/W
Classification : A80 ↓100.0% ↑0.0%
CIE Flux Codes : 93 99 100 100 74
Reattore/Alimentatore :
Potenza del sistema : 7.8 W
Diametro : 124 mm
Altezza : 85 mm

Sorgenti:

Quantità : 1
Nome : LED /
Temp. Di Colore :
Flusso luminoso : 328 lm





Dati punti luce

Pagina dati

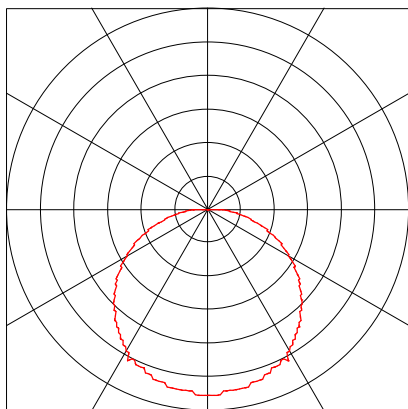
Tipo: iGuzzini illuminazione, Motus 24W cod. 5437

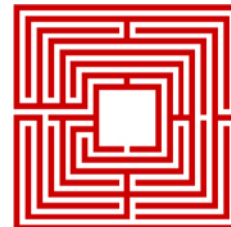
Dati punti luce

Rendimento punto luce : 9%
Luminaire efficacy : 6 lm/W
Classification : A40 ↓100.0% ↑0.0%
CIE Flux Codes : 43 74 93 100 9
Reattore/Alimentatore :
Potenza del sistema : 27 W
Lunghezza : 436 mm
Larghezza : 75 mm
Altezza : 185 mm

Sorgenti:

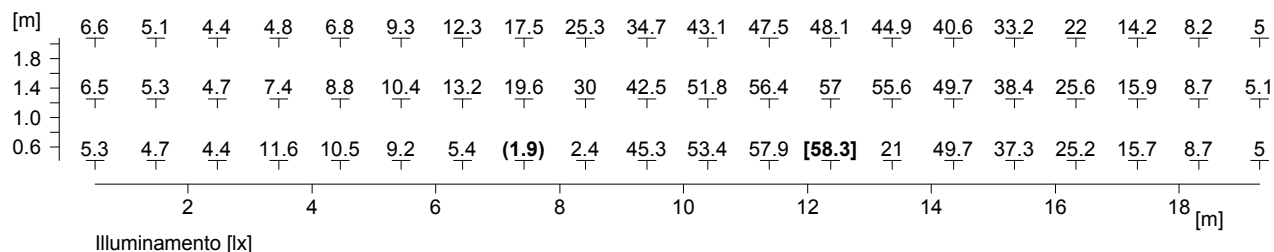
Quantità : 1
Nome : TC-L 2G11
Temp. Di Colore :
Flusso luminoso : 1800 lm



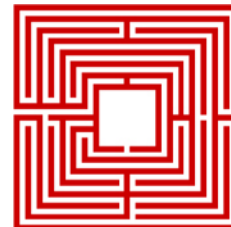


Risultati calcolo

Tabella, Spazio Espositivo Lato Est

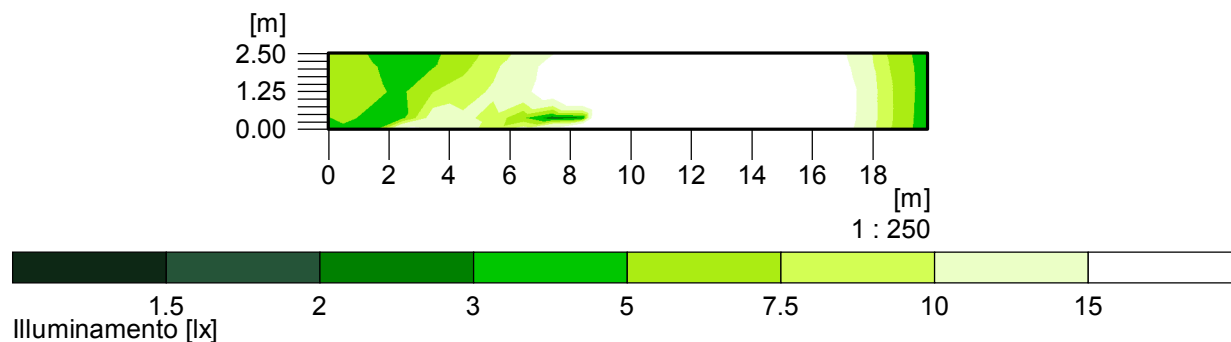


Altezza del piano di riferimento		: 0.00 m
Illuminamento medio	Em	: 23 lx
Illuminamento minimo	Emin	: 1.9 lx
Illuminamento massimo	Emax	: 58.3 lx
Uniformità g1	Emin/Em	: 1 : 12.01 (0.08)
Uniformità g2	Emin/Emax	: 1 : 30.47 (0.03)

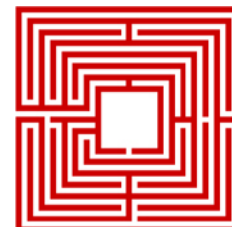


Risultati calcolo

Falsi Colori, Spazio Espositivo Lato Est

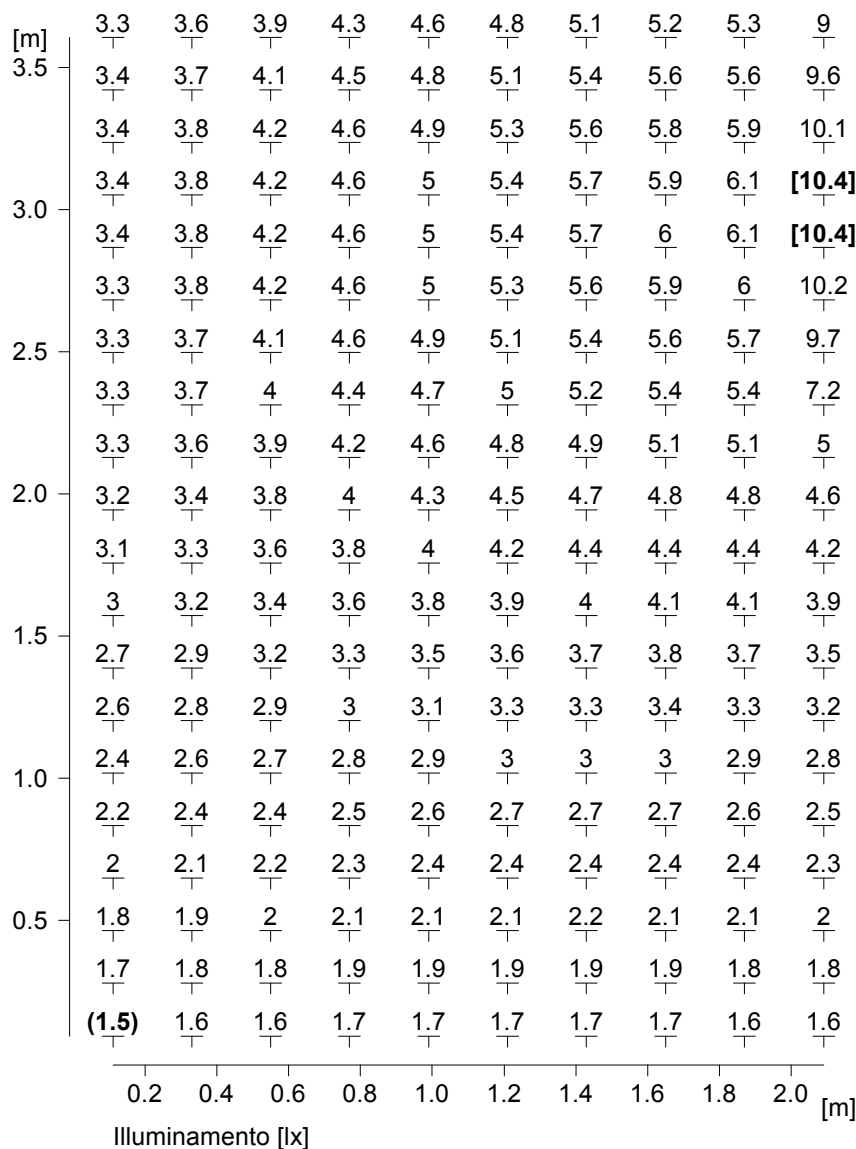


Altezza del piano di riferimento	:	0.00 m
Illuminamento medio	Em	: 23 lx
Illuminamento minimo	Emin	: 1.9 lx
Illuminamento massimo	Emax	: 58.3 lx
Uniformità g1	Emin/Em	: 1 : 12.01 (0.08)
Uniformità g2	Emin/Emax	: 1 : 30.47 (0.03)

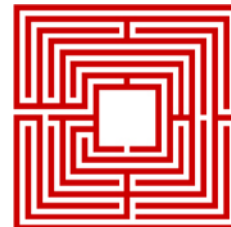


Risultati calcolo

Tabella, Spazio Espositivo Lato Nord / Corridoio [14]

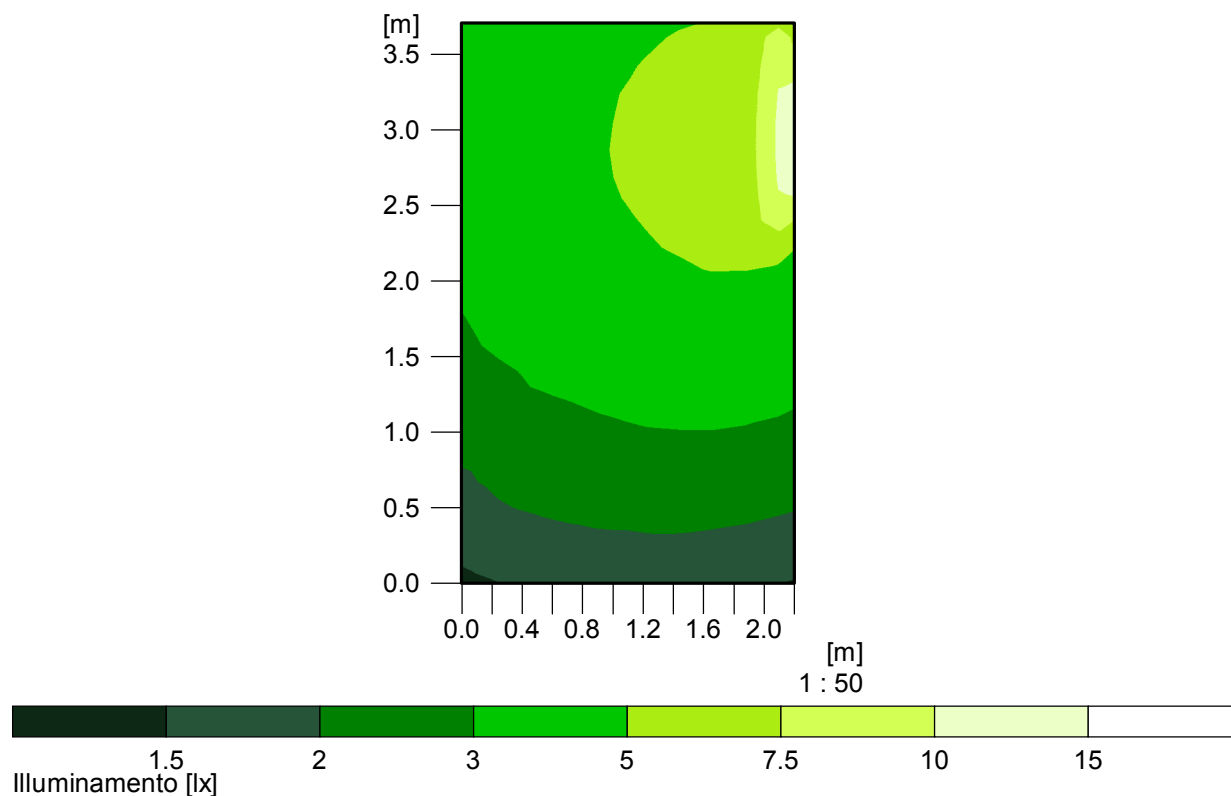


Altezza del piano di riferimento	:	-0.00 m
Illuminamento medio	Em	: 3.9 lx
Illuminamento minimo	Emin	: 1.5 lx
Illuminamento massimo	Emax	: 10.4 lx
Uniformità g1	Emin/Em	: 1 : 2.56 (0.39)
Uniformità g2	Emin/Emax	: 1 : 6.84 (0.15)

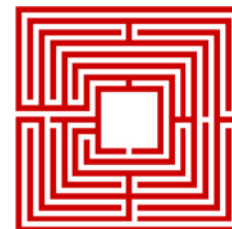


Risultati calcolo

Falsi Colori, Spazio Espositivo Lato Nord / Corridoio [14]



Altezza del piano di riferimento	:	-0.00 m
Illuminamento medio	Em	: 3.9 lx
Illuminamento minimo	Emin	: 1.5 lx
Illuminamento massimo	Emax	: 10.4 lx
Uniformità g1	Emin/Em	: 1 : 2.56 (0.39)
Uniformità g2	Emin/Emax	: 1 : 6.84 (0.15)

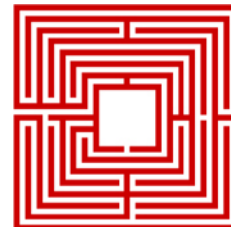


Risultati calcolo

Tabella, Spazio Espositivo Lato Ovest / Corridoio [13]

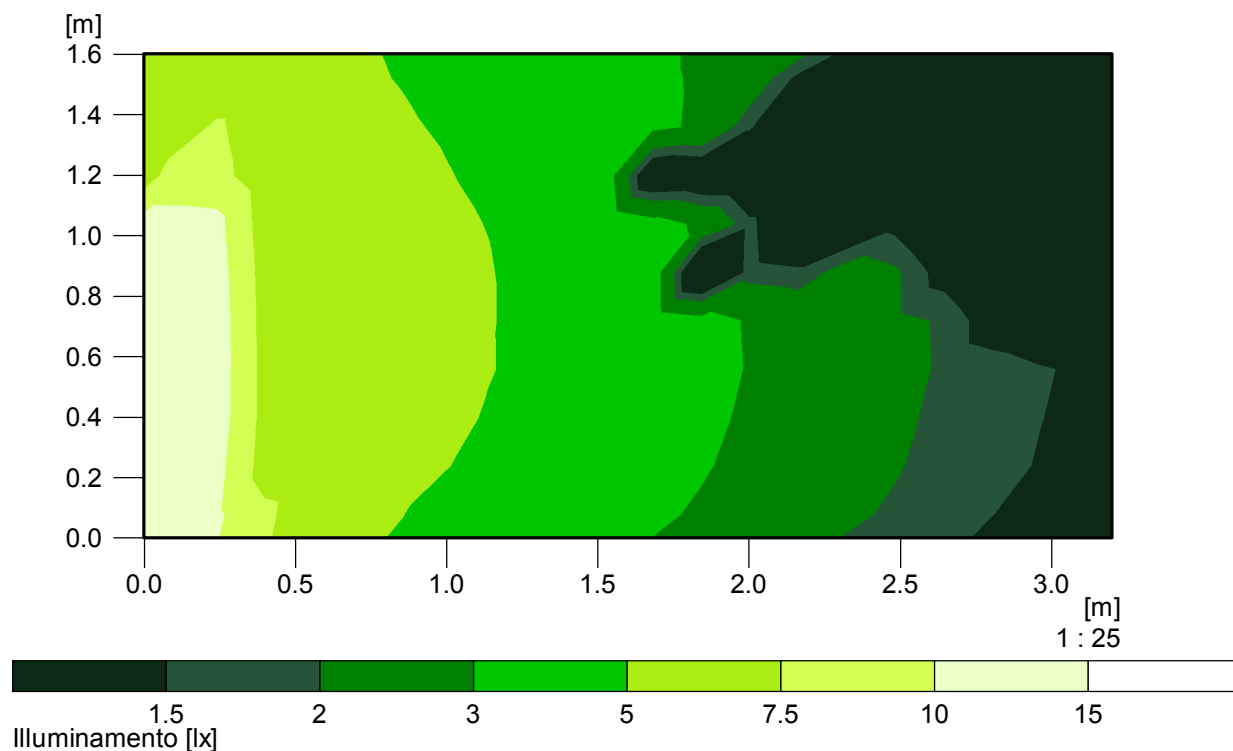
[m]	5.7	5.7	5.6	5.5	5.2	4.9	4.5	4.3	3.9	3.6	3.2	2.9	2.6	1.3	1.3	1.2	1.1	0.4	0.4	0.8
1.4	5.9	7.9	5.9	5.7	5.4	5.1	4.8	4.5	4.1	3.7	3.2	2.9	1.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4
1.2	8.3	8.3	6.1	5.9	5.7	5.3	5	4.7	4.3	3.6	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4
1.0	11	10.8	6.3	6.1	5.9	5.5	5.2	4.8	4.4	3.9	3.4	2.8	1.7	0.6	0.6	1.3	0.5	0.5	0.4	0.4
0.8	11.5	11.1	6.6	6.4	6	5.7	5.3	4.9	4.5	4	3.6	(0)	1.7	1.6	2.4	2.1	1.2	0.5	0.4	0.9
0.6	11.8	11.3	6.7	6.4	6.1	5.8	5.3	4.9	4.5	4.1	3.6	3.3	2.9	2.7	2.4	2.1	1.9	1.1	1	0.9
0.4	[11.9]	11.4	6.7	6.4	6.1	5.7	5.3	4.9	4.5	4.1	3.7	3.3	3	2.7	2.4	2.2	1.9	1.8	1.5	1.4
0.2	11.6	11.3	6.7	6.3	6	5.6	5.1	4.8	4.4	4	3.6	3.2	2.9	2.6	2.4	2.1	1.9	1.7	1.5	1.4
	11.4	10.8	6.5	6.1	5.8	5.3	4.9	4.5	4.2	3.8	3.4	3.1	2.7	2.5	2.3	2	1.8	1.7	1.5	1.3
	10.7	10.4	8	5.9	5.6	4.9	4.6	4.3	4	3.5	3.2	2.9	2.5	2.3	2.1	1.9	1.8	1.5	1.4	1.2
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00							
		Illuminamento [lx]																		

Altezza del piano di riferimento	:	0.00 m
Illuminamento medio	Em	: 3.9 lx
Illuminamento minimo	Emin	: 0 lx
Illuminamento massimo	Emax	: 11.9 lx
Uniformità g1	Emin/Em	: 1 : 128.15 (0.01)
Uniformità g2	Emin/Emax	: 1 : 388.94 (0.00)

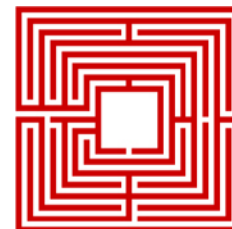


Risultati calcolo

Falsi Colori, Spazio Espositivo Lato Ovest / Corridoio [13]

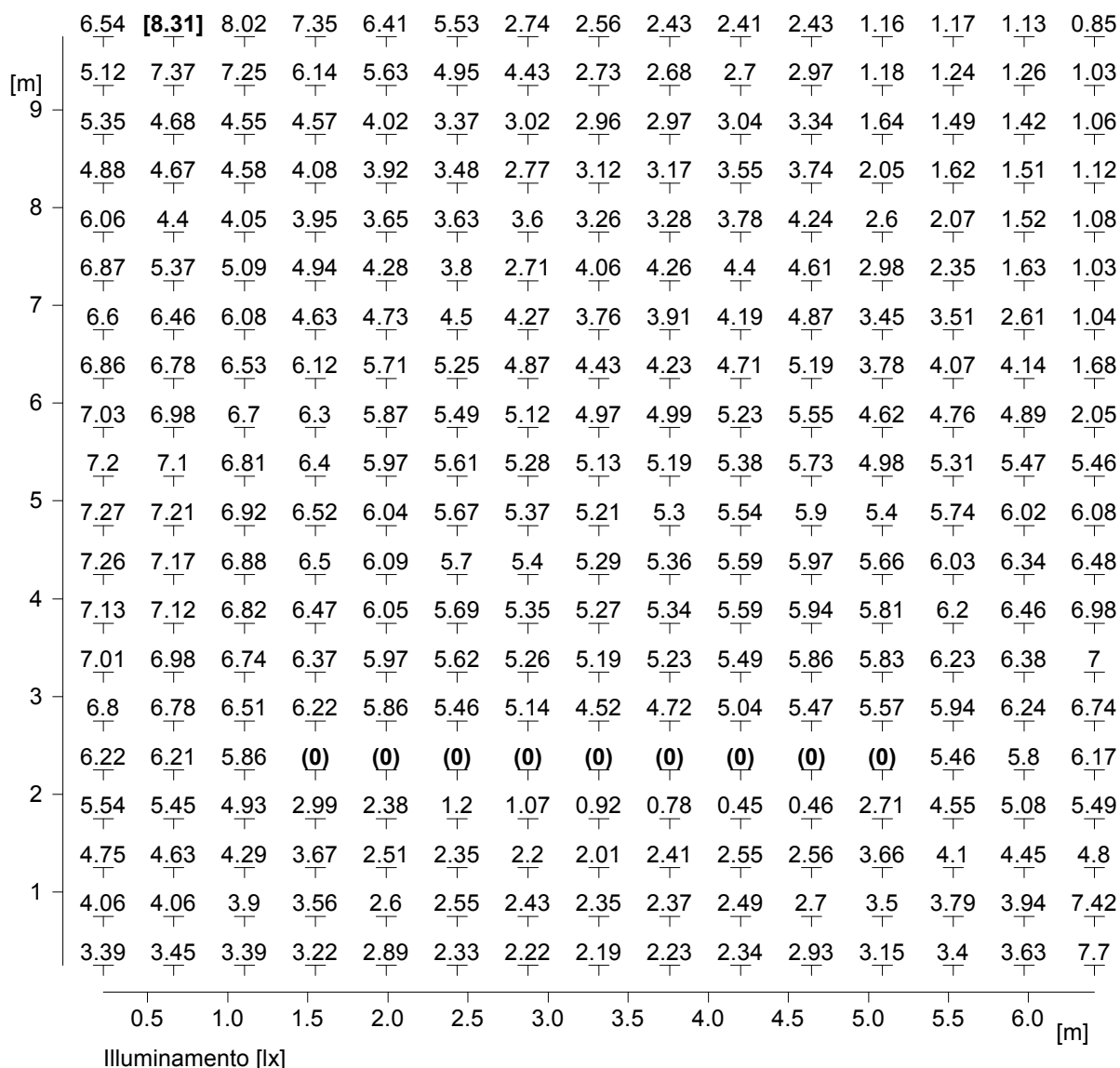


Altezza del piano di riferimento	:	0.00 m
Illuminamento medio	Em	: 3.9 lx
Illuminamento minimo	Emin	: 0 lx
Illuminamento massimo	Emax	: 11.9 lx
Uniformità g1	Emin/Em	: 1 : 128.15 (0.01)
Uniformità g2	Emin/Emax	: 1 : 388.94 (0.00)

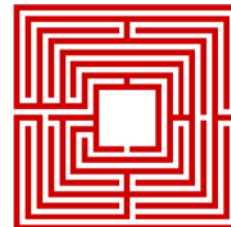


Risultati calcolo

Tabella, Spazio Espositivo Lato Nord / Sala Grandi Opere

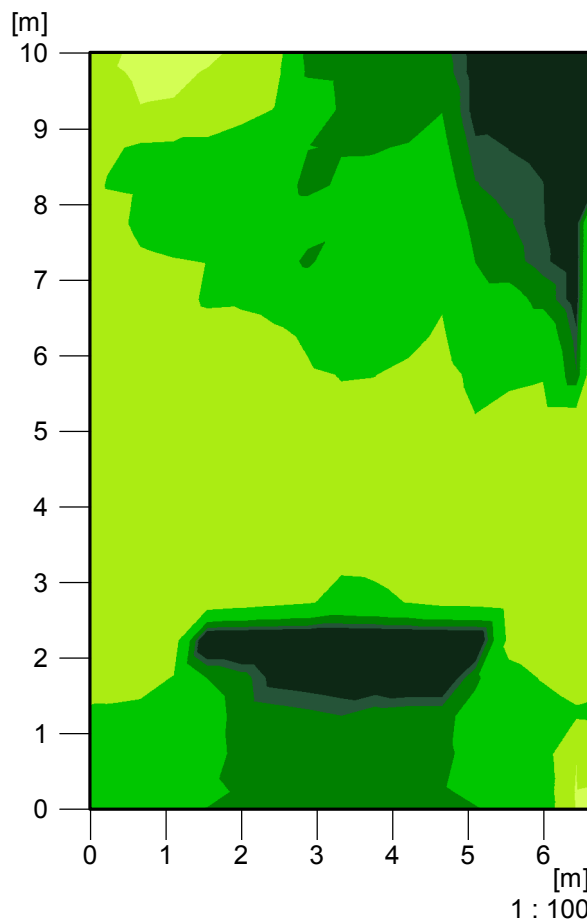


Altezza del piano di riferimento	:	0.00 m
Illuminamento medio	Em	: 4.37 lx
Illuminamento minimo	Emin	: 0 lx
Illuminamento massimo	Emax	: 8.31 lx
Uniformità g1	Emin/Em	: ---
Uniformità g2	Emin/Emax	: ---

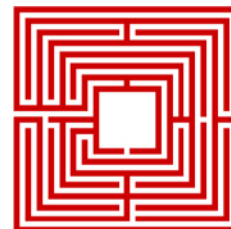


Risultati calcolo

Falsi Colori, Spazio Espositivo Lato Nord / Sala Grandi Opere

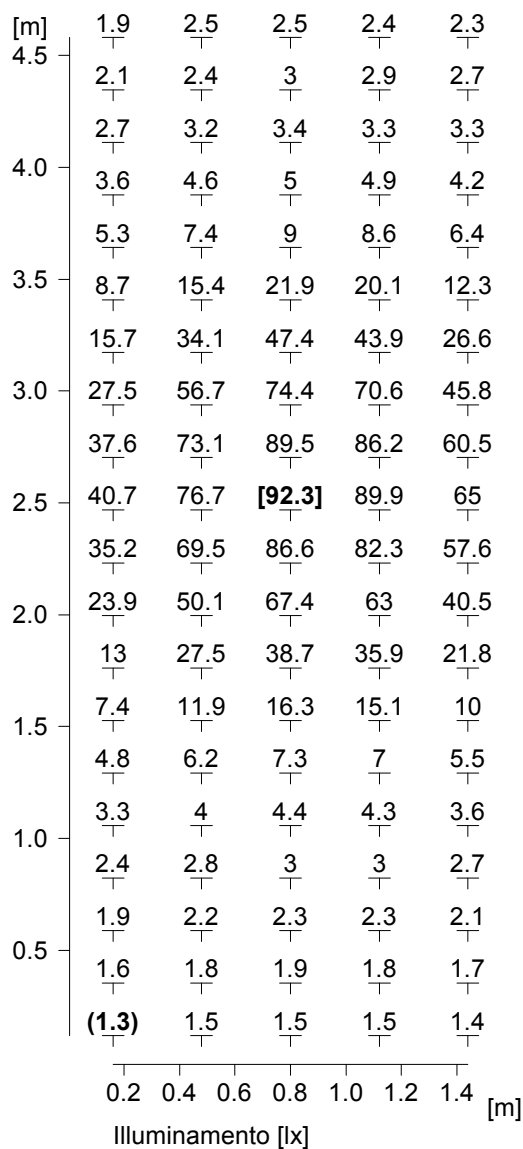


Altezza del piano di riferimento	:	0.00 m
Illuminamento medio	Em	: 4.37 lx
Illuminamento minimo	Emin	: 0 lx
Illuminamento massimo	Emax	: 8.31 lx
Uniformità g1	Emin/Em	: ---
Uniformità g2	Emin/Emax	: ---

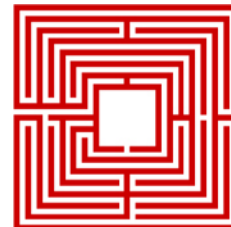


Risultati calcolo

Tabella, Spazio Espositivo Lato Est / Disimpegno per Ballatoio Volume Vetrato

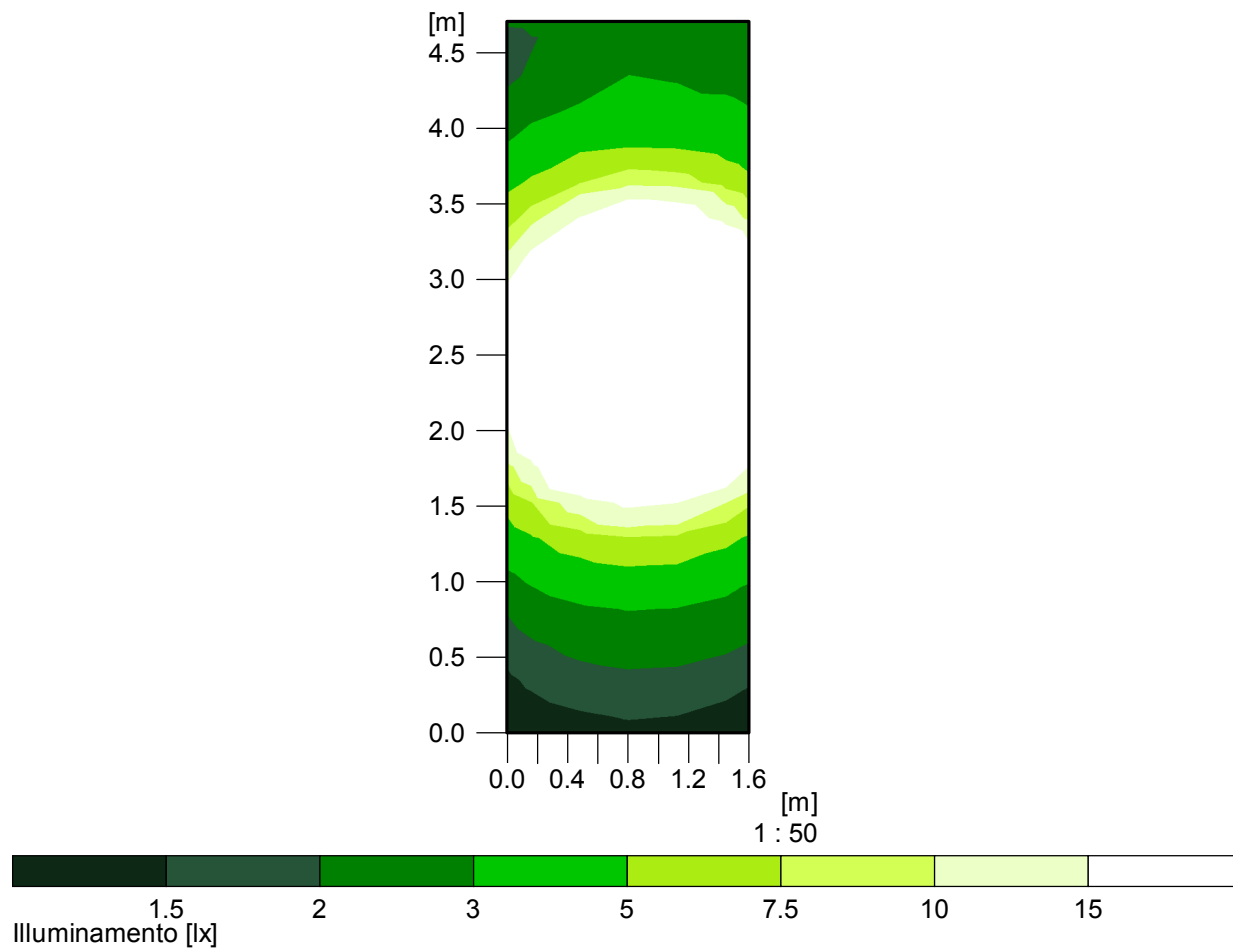


Altezza del piano di riferimento	:	0.00 m
Illuminamento medio	Em	: 22 lx
Illuminamento minimo	Emin	: 1.3 lx
Illuminamento massimo	Emax	: 92.3 lx
Uniformità g1	Emin/Em	: 1 : 16.44 (0.06)
Uniformità g2	Emin/Emax	: 1 : 69.08 (0.01)

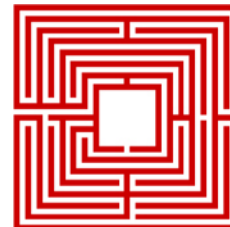


Risultati calcolo

Falsi Colori, Spazio Espositivo Lato Est / Disimpegno per Ballatoio Volume Vetrato

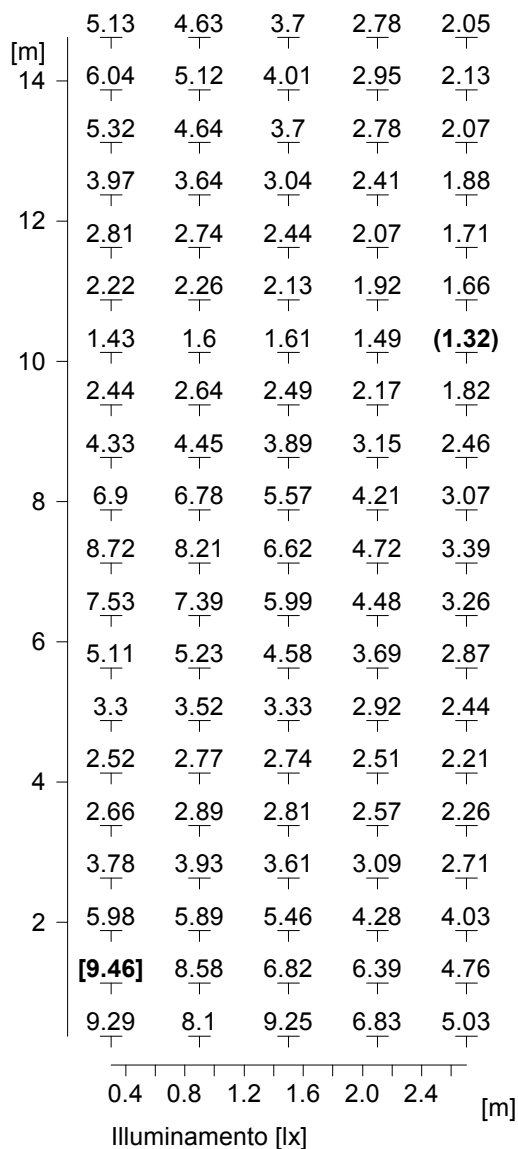


Altezza del piano di riferimento	:	0.00 m
Illuminamento medio	Em	: 22 lx
Illuminamento minimo	Emin	: 1.3 lx
Illuminamento massimo	Emax	: 92.3 lx
Uniformità g1	Emin/Em	: 1 : 16.44 (0.06)
Uniformità g2	Emin/Emax	: 1 : 69.08 (0.01)

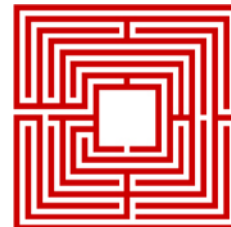


Risultati calcolo

Tabella, Spazio Espositivo Lato Nord / Sala Capriate

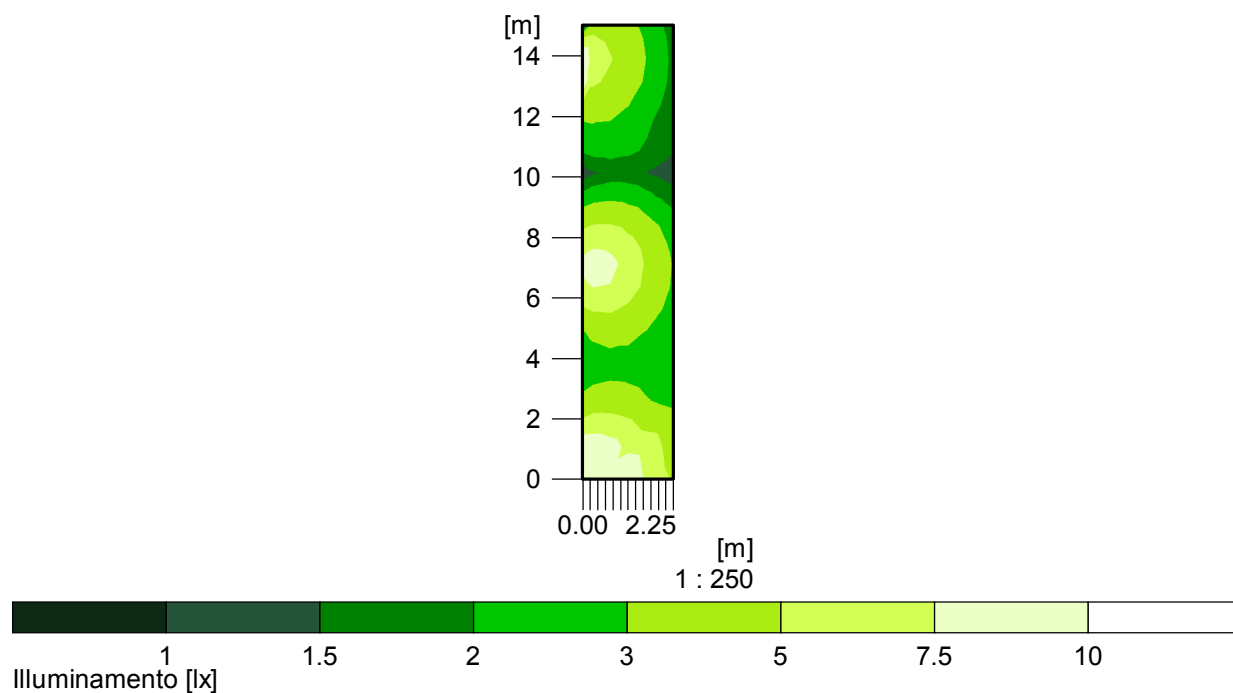


Altezza del piano di riferimento		: -0.00 m
Illuminamento medio	Em	: 3.98 lx
Illuminamento minimo	Emin	: 1.32 lx
Illuminamento massimo	Emax	: 9.46 lx
Uniformità g1	Emin/Em	: 1 : 3.01 (0.33)
Uniformità g2	Emin/Emax	: 1 : 7.15 (0.14)

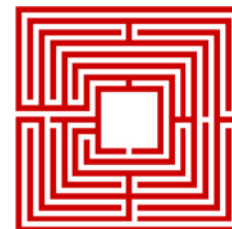


Risultati calcolo

Falsi Colori, Spazio Espositivo Lato Nord / Sala Capriate

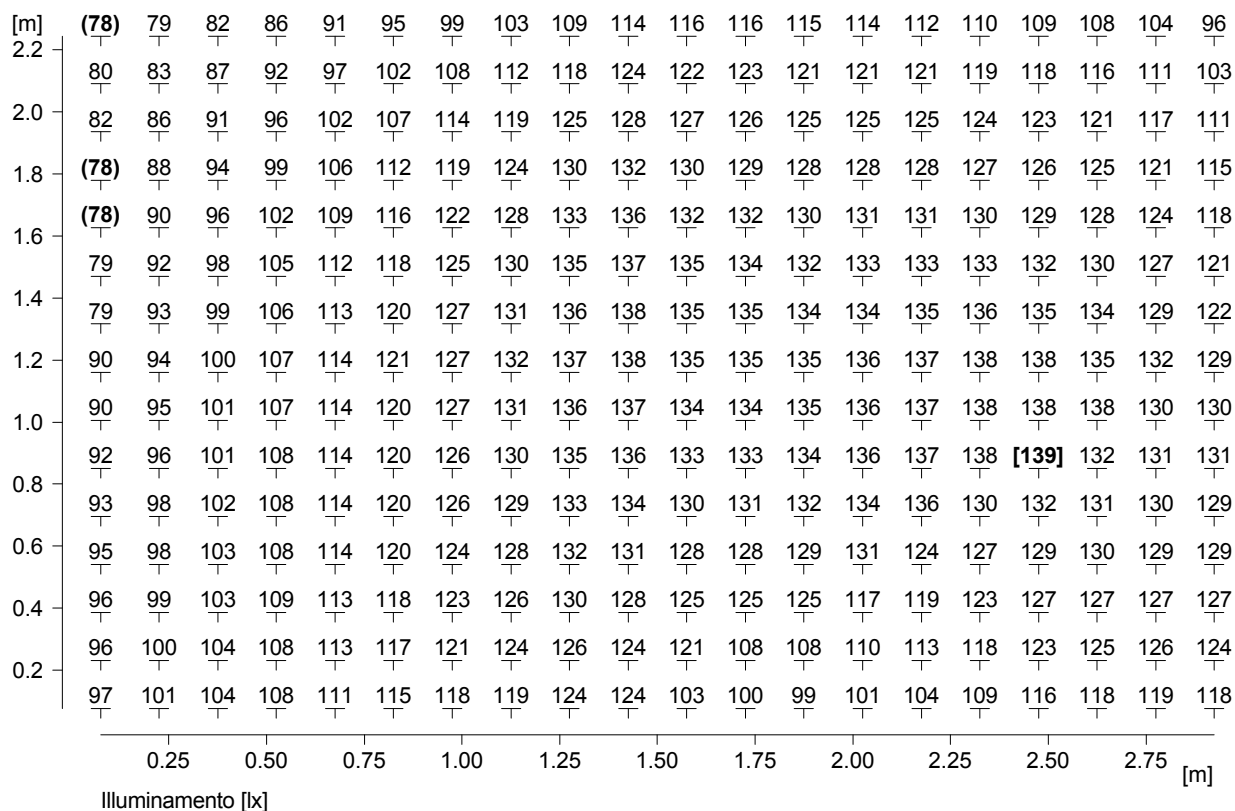


Altezza del piano di riferimento	:	-0.00 m
Illuminamento medio	Em	: 3.98 lx
Illuminamento minimo	Emin	: 1.32 lx
Illuminamento massimo	Emax	: 9.46 lx
Uniformità g1	Emin/Em	: 1 : 3.01 (0.33)
Uniformità g2	Emin/Emax	: 1 : 7.15 (0.14)

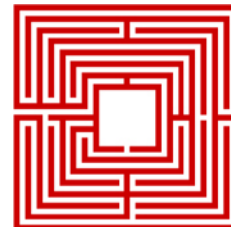


Risultati calcolo

Tabella, Uffici 01

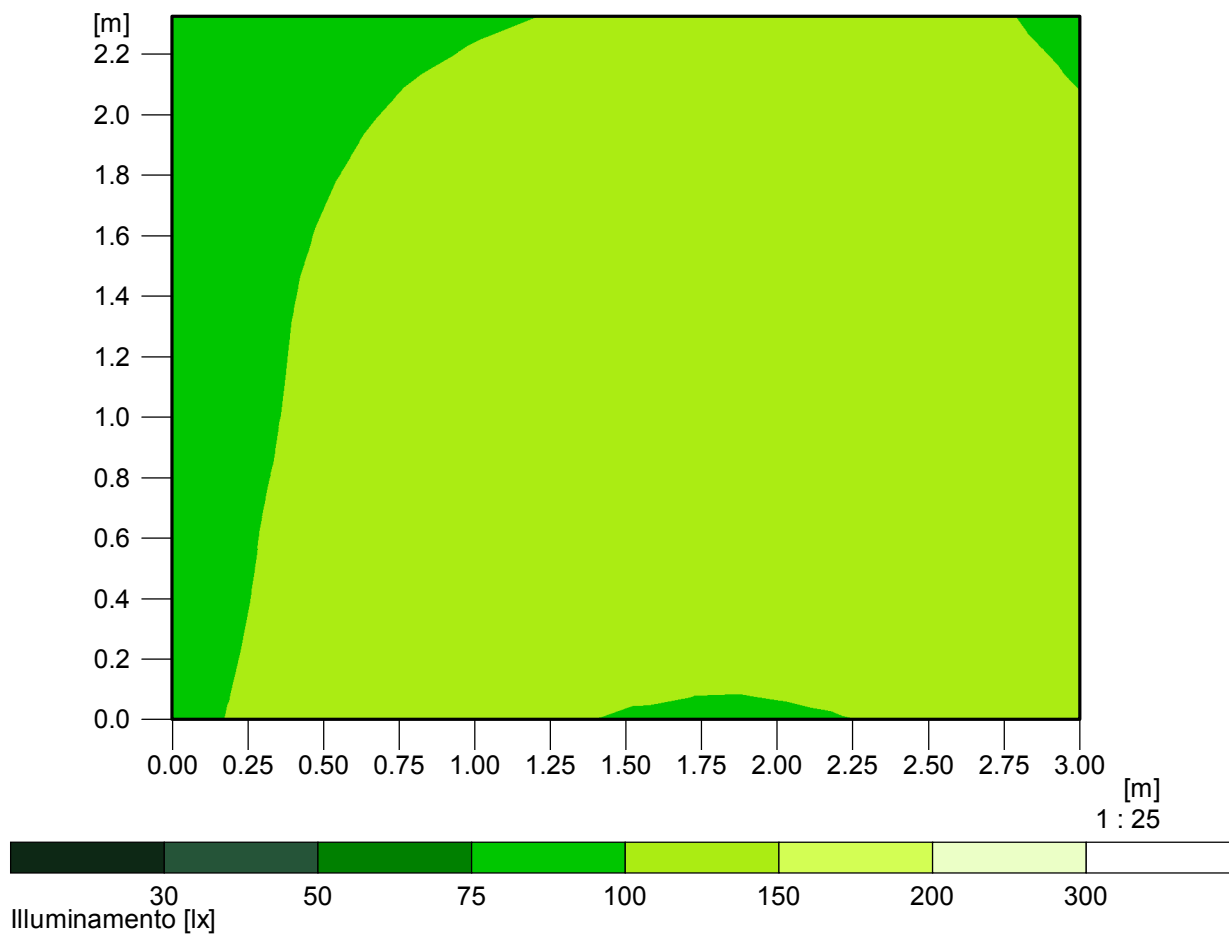


Illuminamento medio	Em	: 118 lx
Illuminamento minimo	Emin	: 78 lx
Illuminamento massimo	Emax	: 139 lx
Uniformità g1	Emin/Em	: 1 : 1.52 (0.66)
Uniformità g2	Emin/Emax	: 1 : 1.78 (0.56)

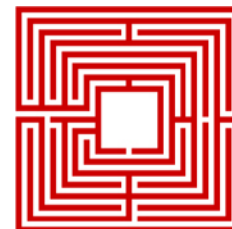


Risultati calcolo

Falsi Colori, Uffici 01

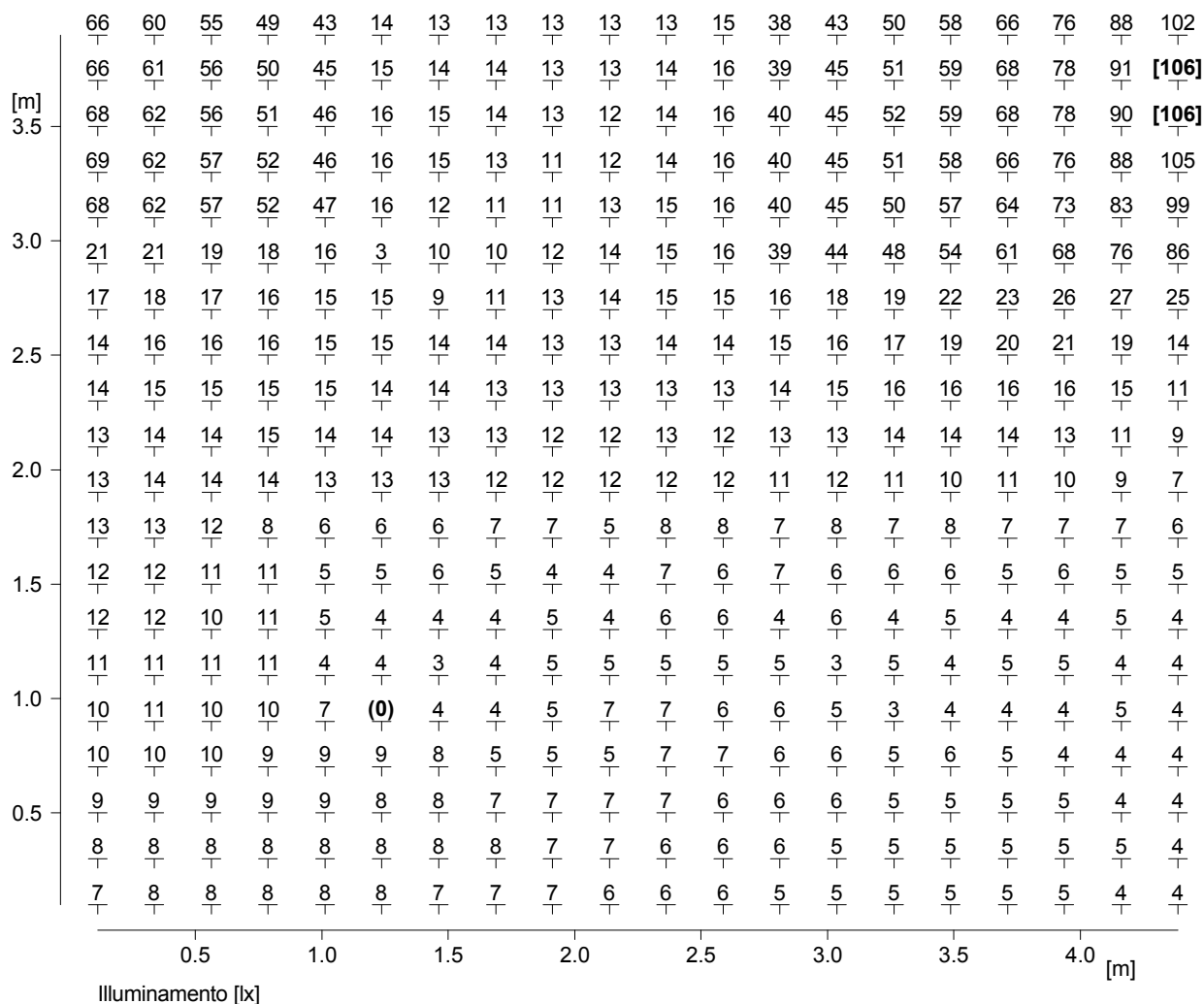


Illuminamento medio	Em	: 118 lx
Illuminamento minimo	Emin	: 78 lx
Illuminamento massimo	Emax	: 139 lx
Uniformità g1	Emin/Em	: 1 : 1.52 (0.66)
Uniformità g2	Emin/Emax	: 1 : 1.78 (0.56)

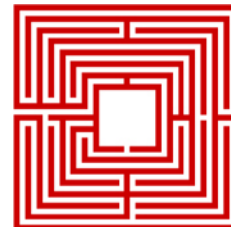


Risultati calcolo

Tabella, Uffici 02

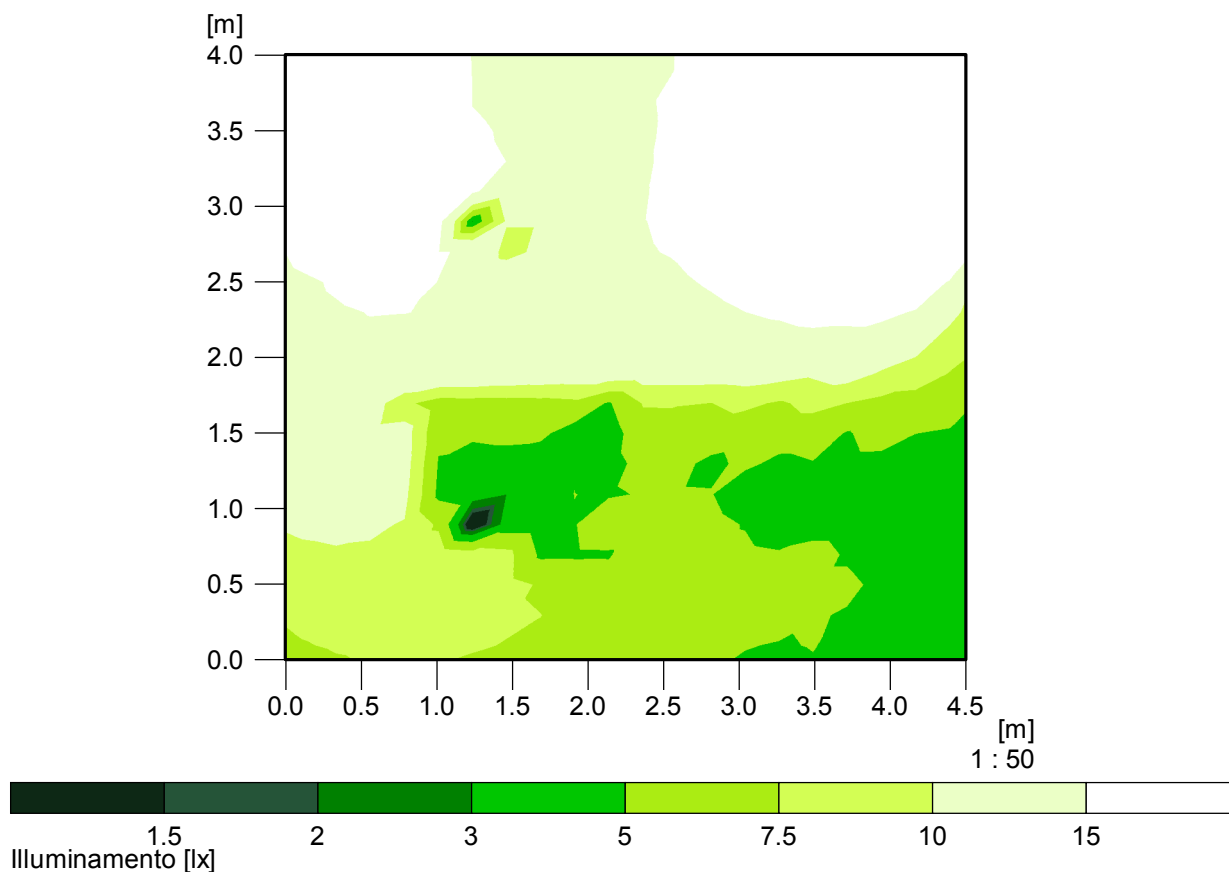


Altezza del piano di riferimento	:	0.00 m
Illuminamento medio	Em	: 19 lx
Illuminamento minimo	Emin	: 0 lx
Illuminamento massimo	Emax	: 106 lx
Uniformità g1	Emin/Em	: 1 : 2233.81 (0.00)
Uniformità g2	Emin/Emax	: 1 : 12163.29 (0.00)



Risultati calcolo

Falsi Colori, Uffici 02



Altezza del piano di riferimento

: 0.00 m

Illuminamento medio

Em : 19 lx

Illuminamento minimo

Emin : 0 lx

Illuminamento massimo

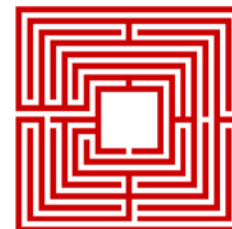
Emax : 106 lx

Uniformità g1

Emin/Em : 1 : 2233.81 (0.00)

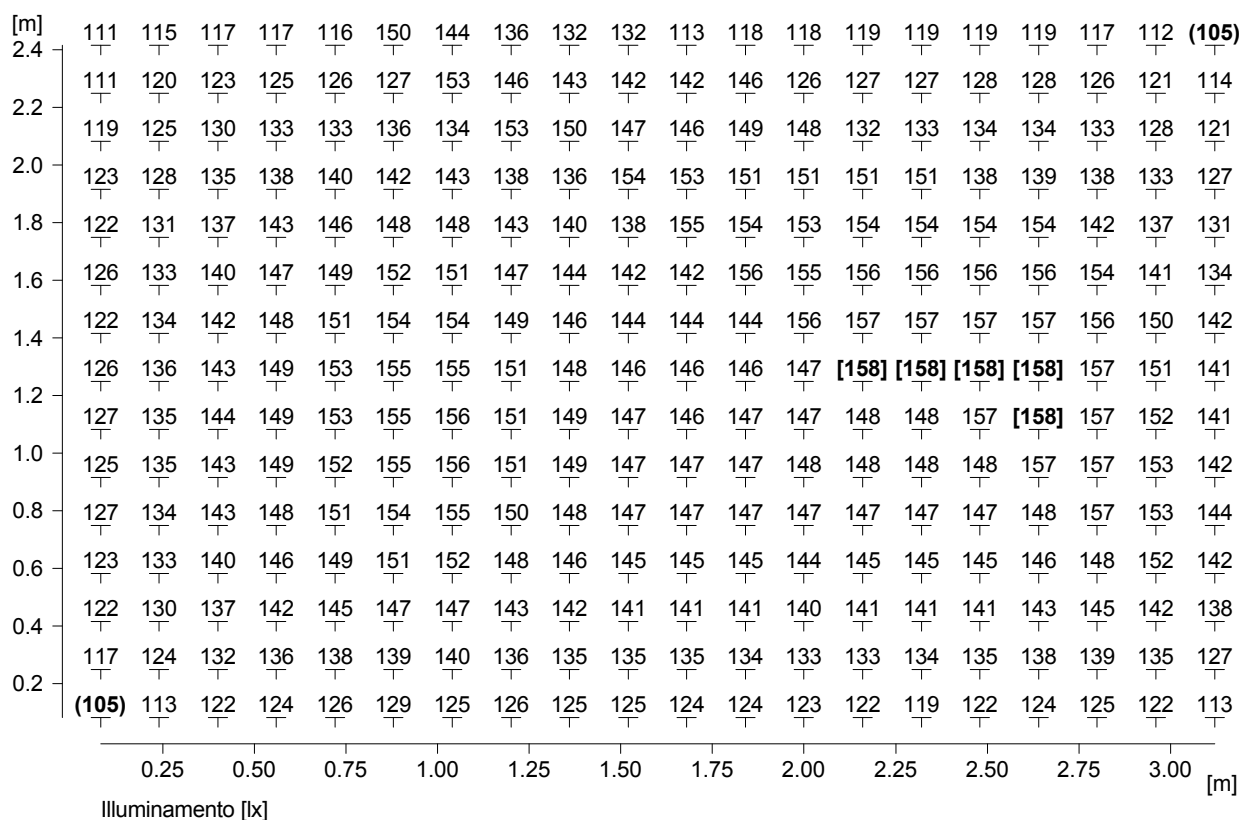
Uniformità g2

Emin/Emax : 1 : 12163.29 (0.00)

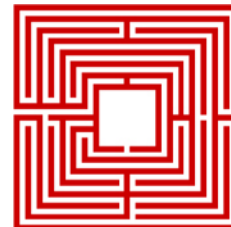


Risultati calcolo

Tabella, Uffici 03

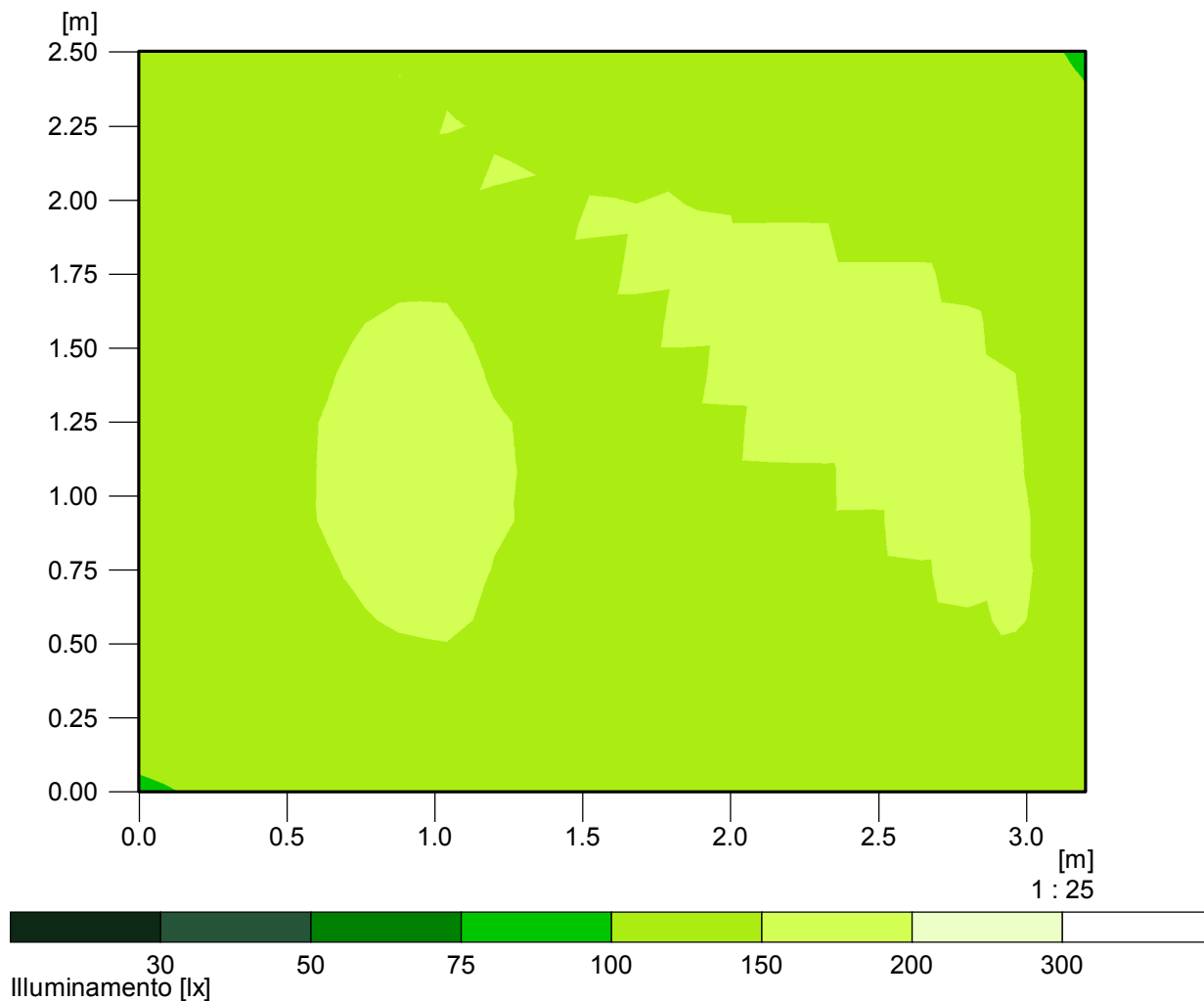


Altezza del piano di riferimento	:	0.00 m
Illuminamento medio	Em	: 140 lx
Illuminamento minimo	Emin	: 105 lx
Illuminamento massimo	Emax	: 158 lx
Uniformità g1	Emin/Em	: 1 : 1.34 (0.75)
Uniformità g2	Emin/Emax	: 1 : 1.52 (0.66)

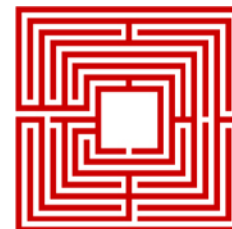


Risultati calcolo

Falsi Colori, Uffici 03

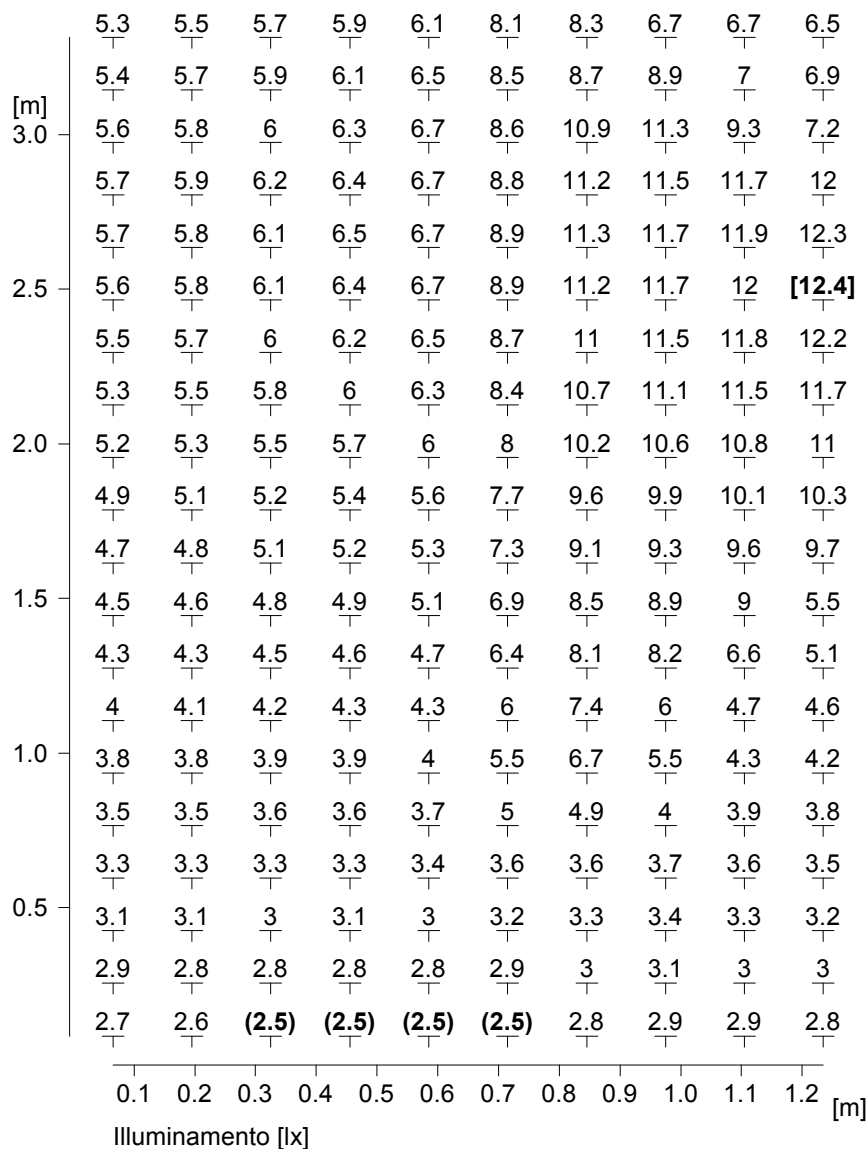


Altezza del piano di riferimento	:	0.00 m
Illuminamento medio	Em	: 140 lx
Illuminamento minimo	Emin	: 105 lx
Illuminamento massimo	Emax	: 158 lx
Uniformità g1	Emin/Em	: 1 : 1.34 (0.75)
Uniformità g2	Emin/Emax	: 1 : 1.52 (0.66)

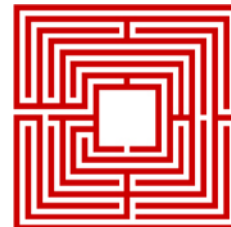


Risultati calcolo

Tabella, Scala Emergenza / Pianerottolo

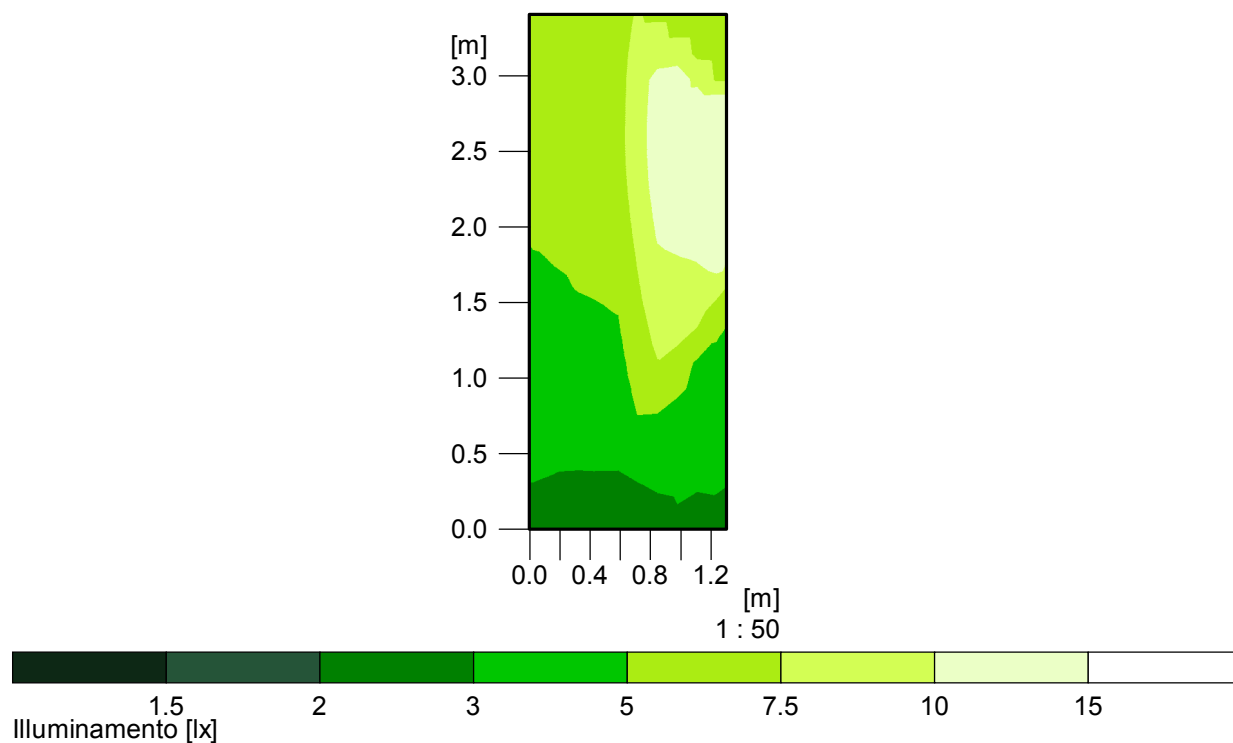


Altezza del piano di riferimento	:	0.00 m
Illuminamento medio	Em	: 6.2 lx
Illuminamento minimo	Emin	: 2.5 lx
Illuminamento massimo	Emax	: 12.4 lx
Uniformità g1	Emin/Em	: 1 : 2.50 (0.40)
Uniformità g2	Emin/Emax	: 1 : 4.99 (0.20)

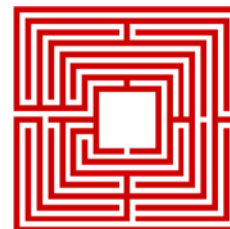


Risultati calcolo

Falsi Colori, Scala Emergenza / Pianerottolo

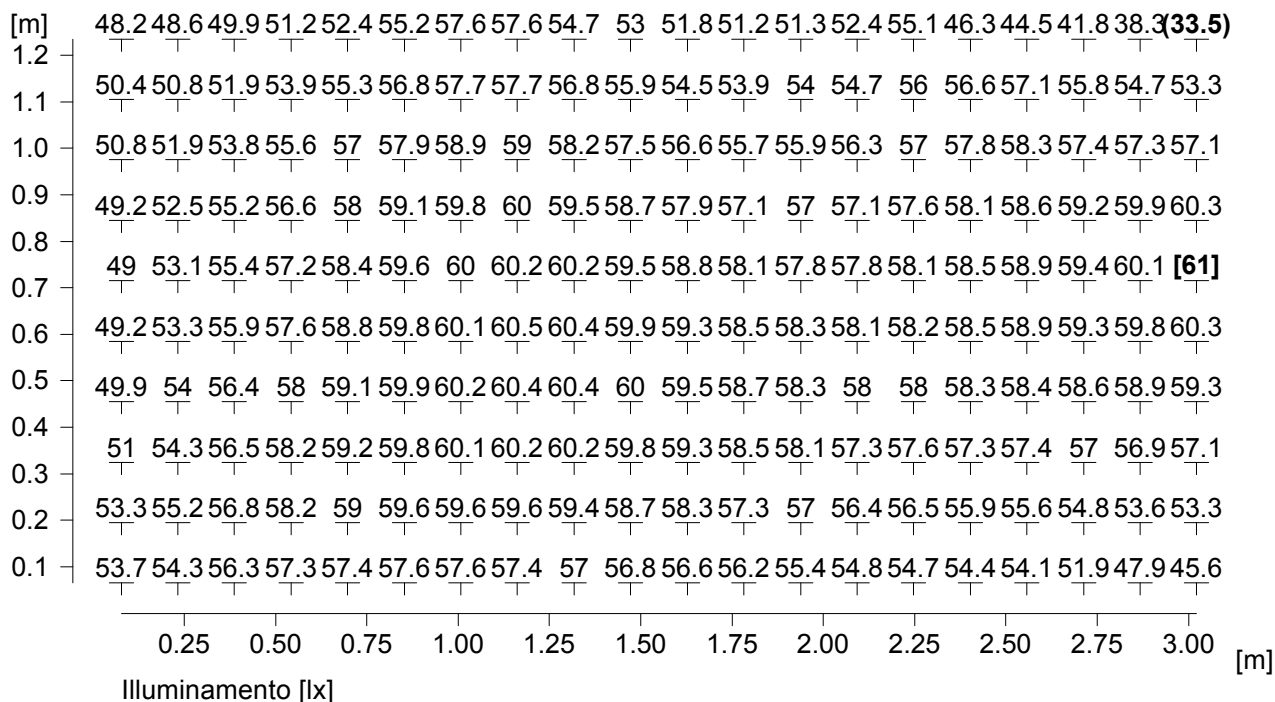


Altezza del piano di riferimento	:	0.00 m
Illuminamento medio	Em	: 6.2 lx
Illuminamento minimo	Emin	: 2.5 lx
Illuminamento massimo	Emax	: 12.4 lx
Uniformità g1	Emin/Em	: 1 : 2.50 (0.40)
Uniformità g2	Emin/Emax	: 1 : 4.99 (0.20)

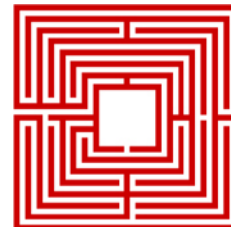


Risultati calcolo

Tabella, Servizi Igienici / Antibagno 01

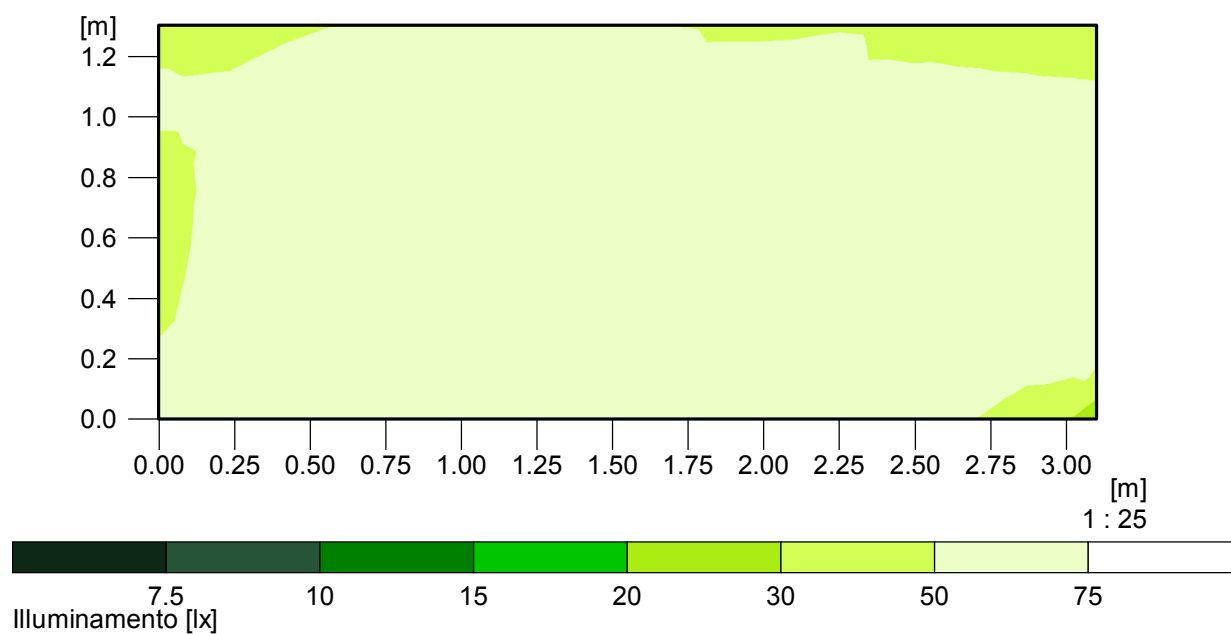


Altezza del piano di riferimento		: 0.00 m
Illuminamento medio	Em	: 56.3 lx
Illuminamento minimo	Emin	: 33.5 lx
Illuminamento massimo	Emax	: 61 lx
Uniformità g1	Emin/Em	: 1 : 1.68 (0.59)
Uniformità g2	Emin/Emax	: 1 : 1.82 (0.55)

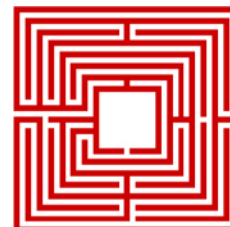


Risultati calcolo

Falsi Colori, Servizi Igienici / Antibagno 01



Altezza del piano di riferimento	:	0.00 m
Illuminamento medio	Em	: 56.3 lx
Illuminamento minimo	Emin	: 33.5 lx
Illuminamento massimo	Emax	: 61 lx
Uniformità g1	Emin/Em	: 1 : 1.68 (0.59)
Uniformità g2	Emin/Emax	: 1 : 1.82 (0.55)

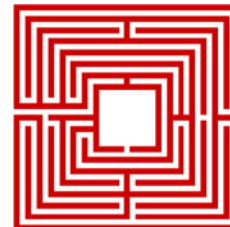


Risultati calcolo

Tabella, Servizi Igienici / Antibagno 02

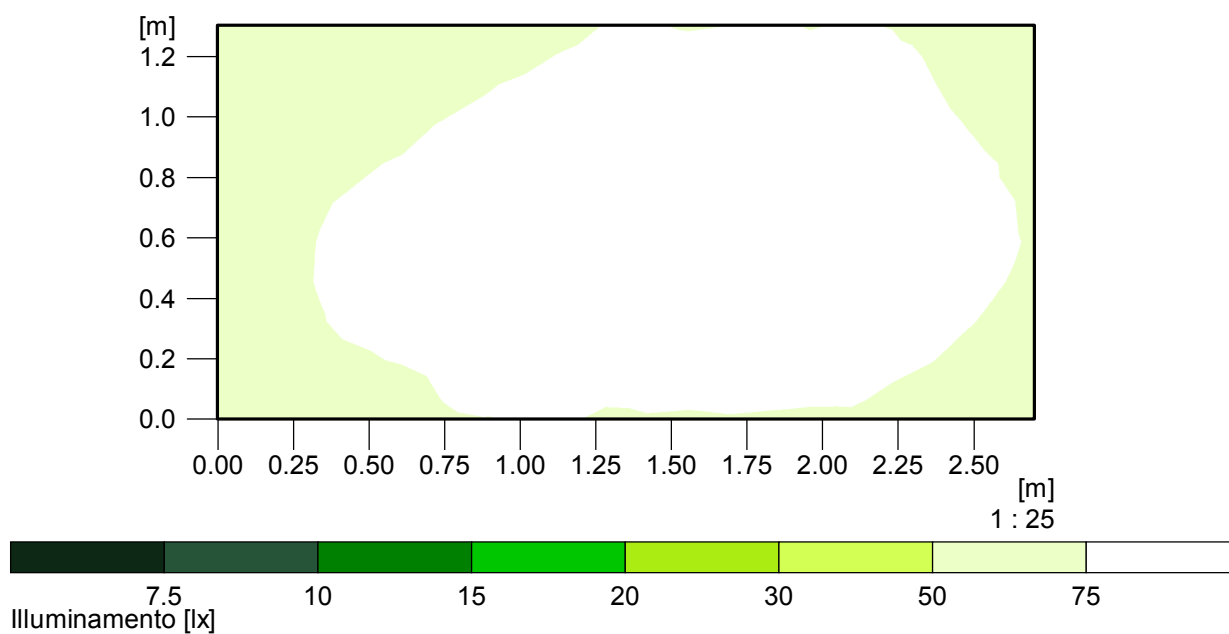
[m]	59.4	(57.8)	58.2	59.9	61	62.9	65.3	70.3	74.5	76.3	79.6	78.1	79.2	79.6	77	77.8	76.4	73.5	69.8	66.1	
1.2	59.8	60.8	62.9	69.5	70.6	71.9	74	76.6	78.9	80.9	81.7	81.8	82.2	82.5	82.1	81.1	78.9	75.3	71.5	67.7	
1.1	70.7	71.1	72.1	72.5	73.4	75.3	77.3	78.9	80.7	82.4	83.6	83.9	84.4	84.8	84.4	83.4	80.6	77.5	74.2	70.9	
1.0	71.6	72.9	73.9	74.5	75.4	77.5	79.1	80.8	82.5	83.9	84.8	85.4	86.2	[86.4]	86	85.3	83.3	79.6	76.7	73.9	
0.9	71.9	73.5	74.7	75.7	77	78.6	80.4	81.5	83	83.8	84.7	85.3	86.2	[86.4]	86.1	85.5	83.5	80.8	77	75.1	
0.8	72.6	73.7	75.1	76.3	77.8	79.2	81	82.1	83	83.9	84.6	84.8	85.4	85.7	85.5	85	82.4	80.5	78.3	75.6	
0.7	72.6	73.8	75.2	76.3	78	79.7	80.1	82.3	82	83.6	83.8	83.8	84.3	84.3	84.4	84	82.1	79.7	76.9	74.5	
0.6	72.3	73.5	74.8	76.2	77	78.4	79.1	79.5	80.6	81.7	82	82.3	82.4	82.6	82.5	82.1	79.4	77.9	75.2	72.3	
0.5	71	72.9	73.6	74.4	75.4	77.2	78	78.1	78.5	79.5	79.7	80.2	80.2	79.7	79.6	79.3	76.7	75.1	72.3	68.7	
0.4	69.9	70.4	70.9	70.6	71.7	75.1	76.7	76.2	76.2	76.1	76.5	76.2	76.5	76.2	75.8	75.8	73.7	71.4	67.8	63.6	
0.3																					
0.2																					
0.1																					
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50										
		Illuminamento [lx]																			

Altezza del piano di riferimento		: 0.00 m
Illuminamento medio	Em	: 77.2 lx
Illuminamento minimo	Emin	: 57.8 lx
Illuminamento massimo	Emax	: 86.4 lx
Uniformità g1	Emin/Em	: 1 : 1.34 (0.75)
Uniformità g2	Emin/Emax	: 1 : 1.49 (0.67)



Risultati calcolo

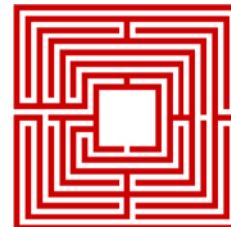
Falsi Colori, Servizi Igienici / Antibagno 02



Altezza del piano di riferimento	:	0.00 m
Illuminamento medio	Em	: 77.2 lx
Illuminamento minimo	Emin	: 57.8 lx
Illuminamento massimo	Emax	: 86.4 lx
Uniformità g1	Emin/Em	: 1 : 1.34 (0.75)
Uniformità g2	Emin/Emax	: 1 : 1.49 (0.67)

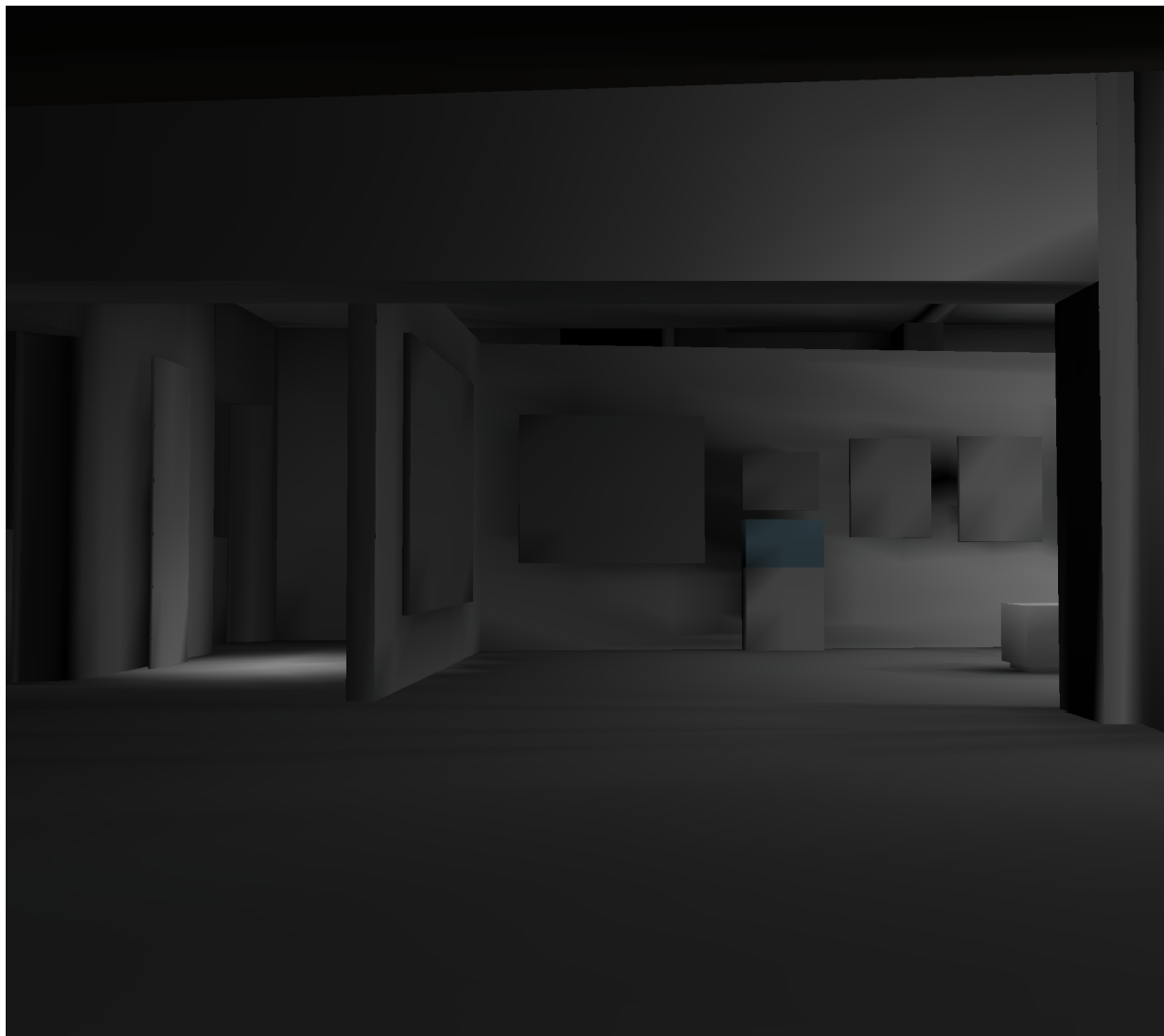
Oggetto
Impianto

:Museo Ex Casa degli Umiliati, Monza
:Luce di Riserva



Risultati calcolo

Luminanza 3D, Spazio Espositivo Lato Est [Visto dalla Sala Espositiva Nord / Sala Capriate]



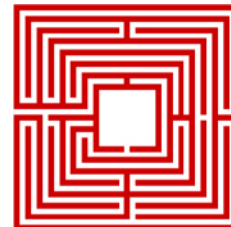
Luminanza nella scena

Minimo:

: 0 cd/m²

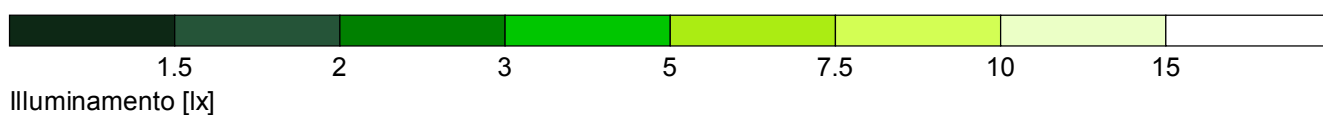
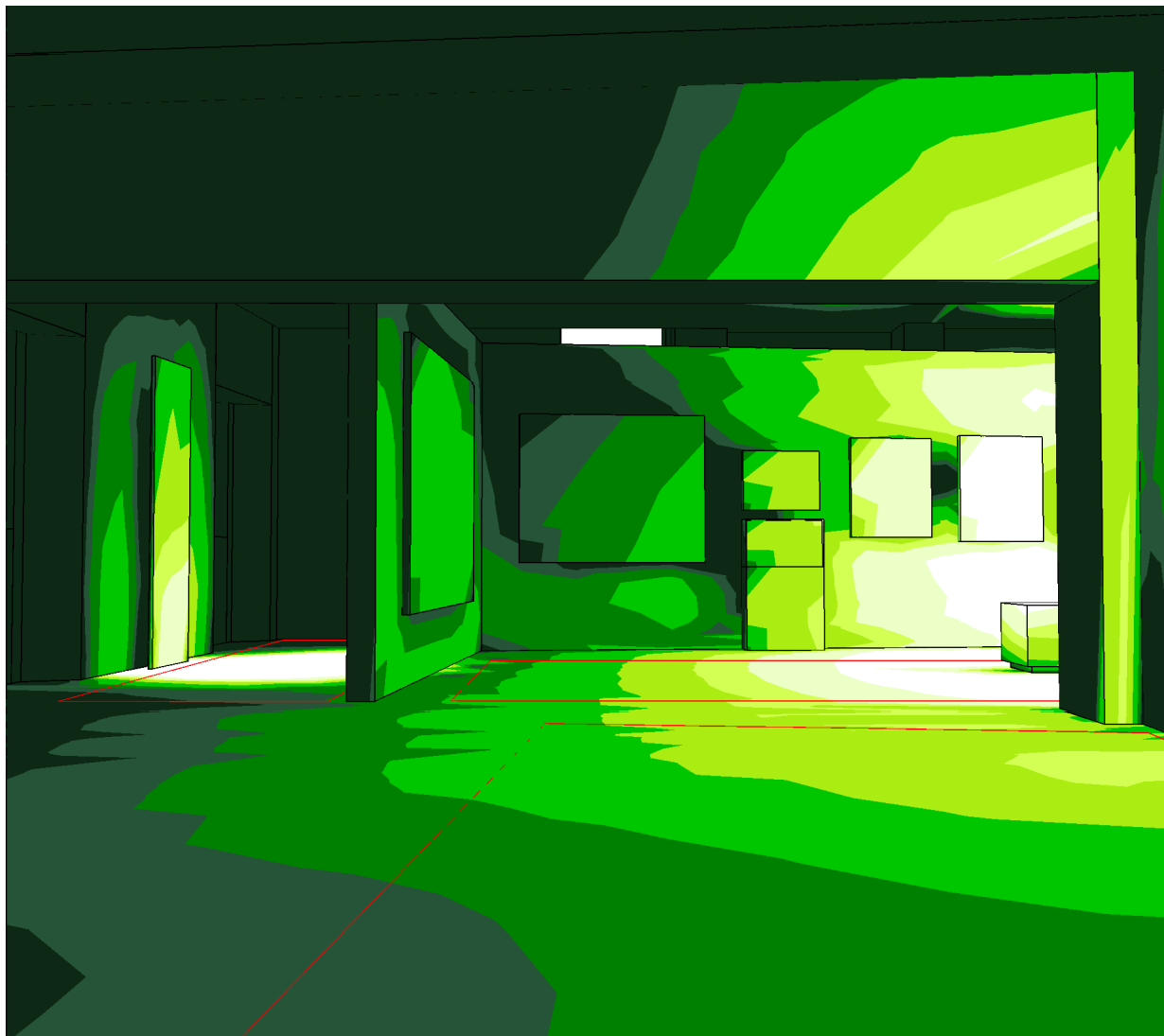
Massimo:

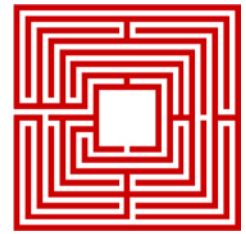
: 159 cd/m²



Risultati calcolo

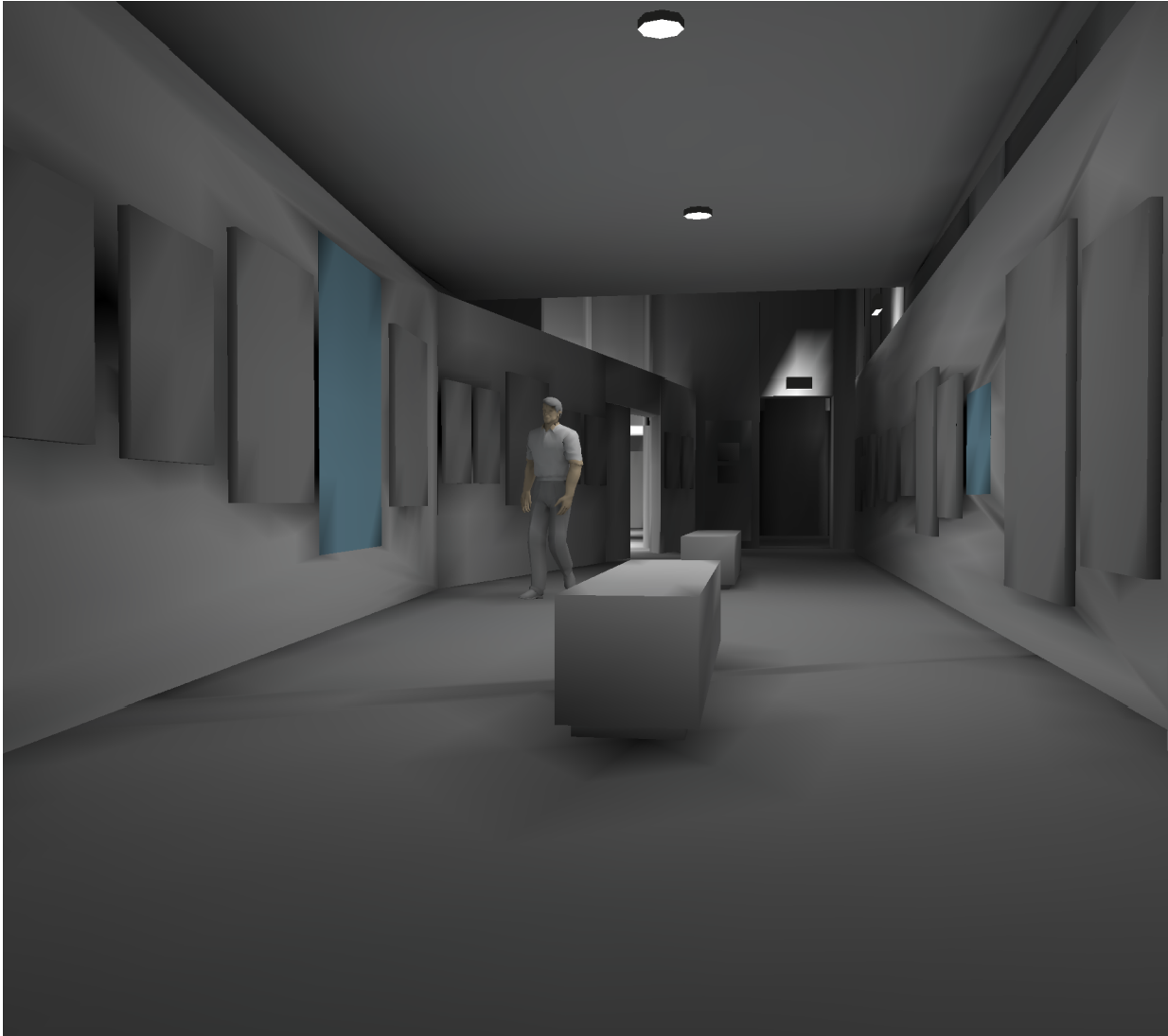
Colori falsati 3D, Spazio Espositivo Lato Est [Visto dalla Sala Espositiva Nord / Sala Capriate]





Risultati calcolo

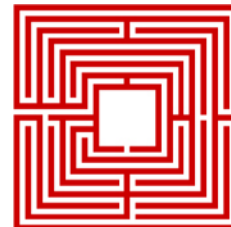
Luminanza 3D, Spazio Espositivo Lato Est



Luminanza nella scena

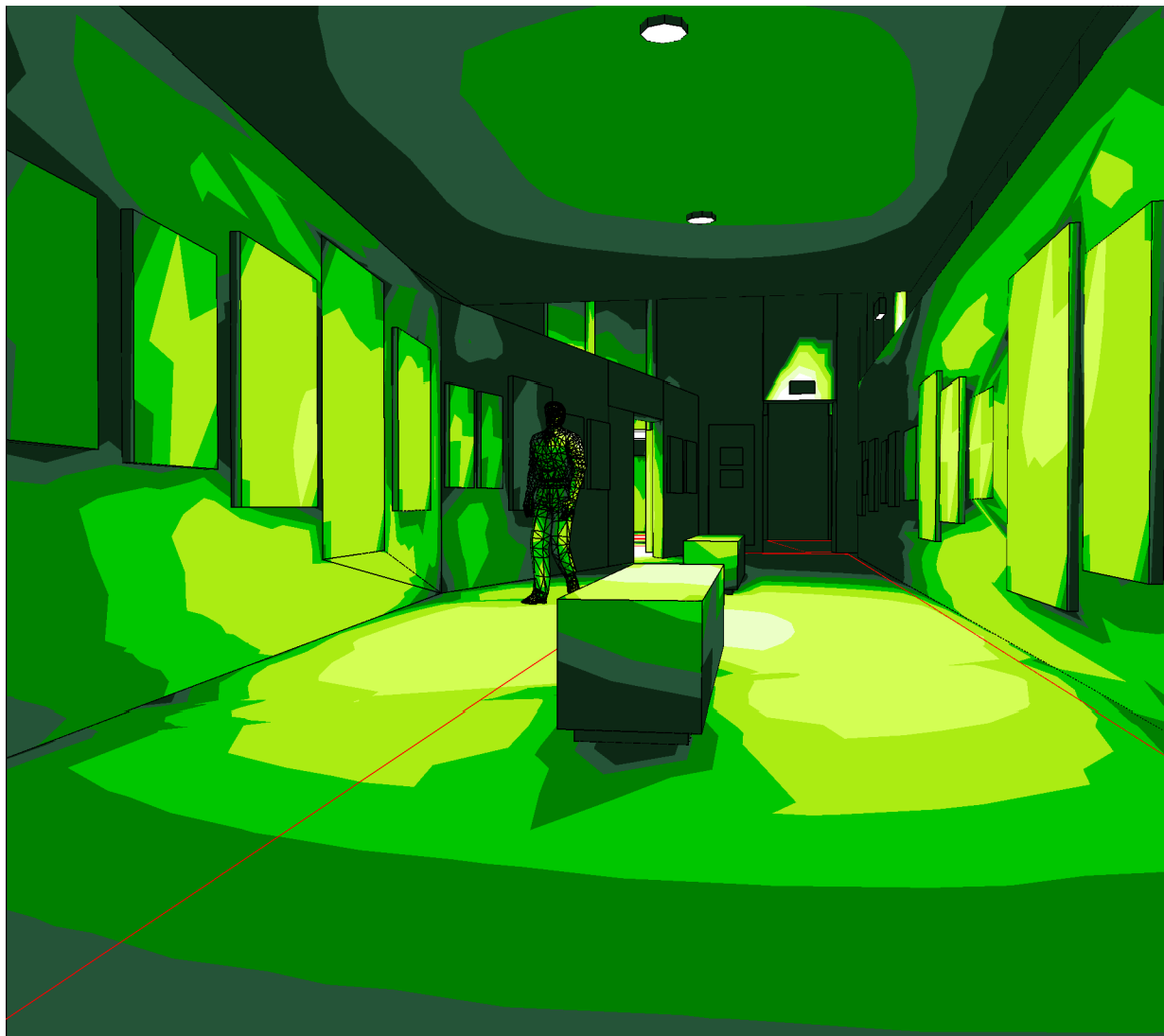
Minimo: : 0 cd/m²

Massimo: : 159 cd/m²



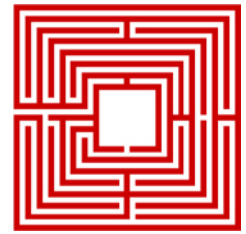
Risultati calcolo

Colori falsati 3D, Spazio Espositivo Lato Est



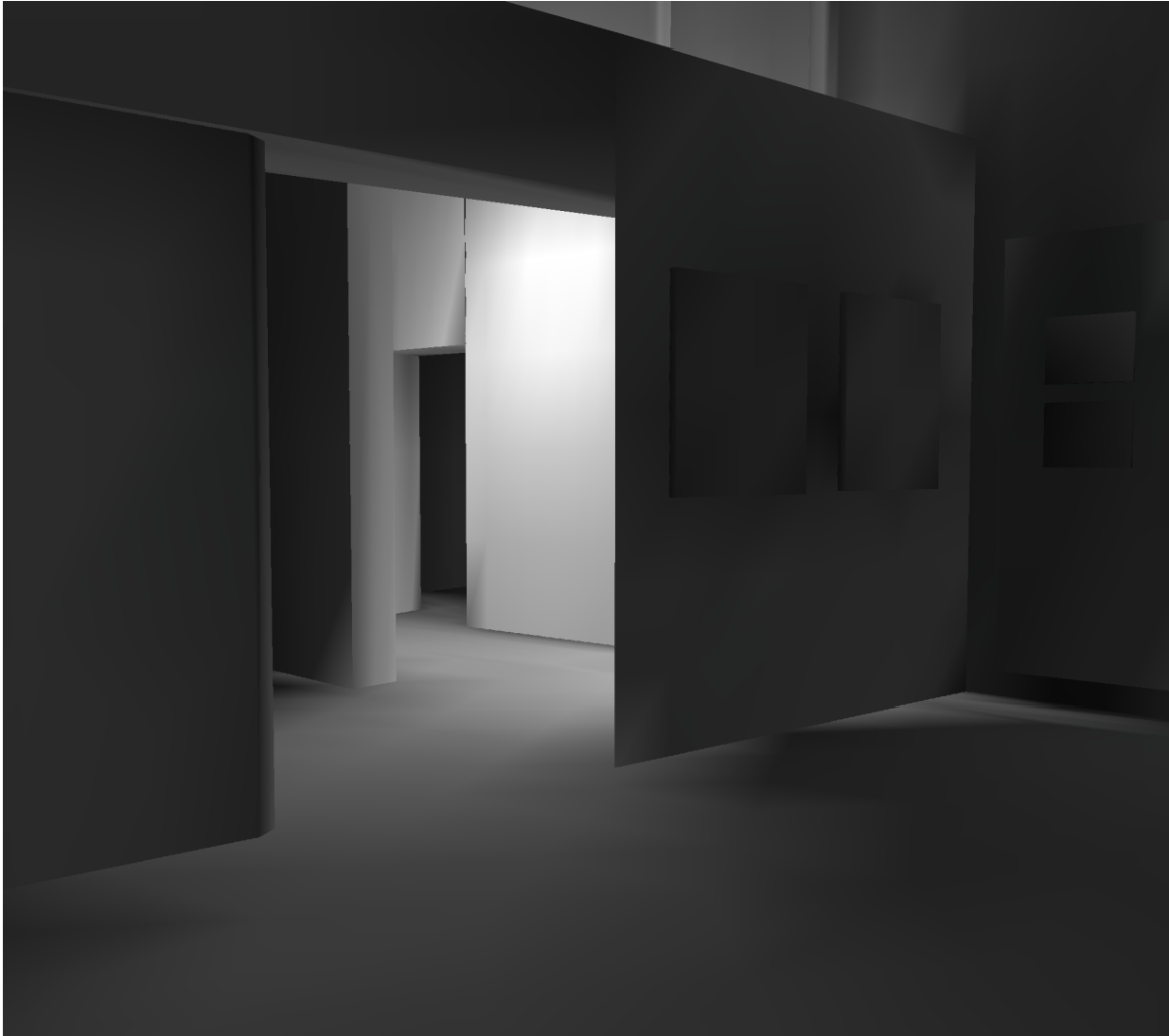
Oggetto
Impianto

:Museo Ex Casa degli Umiliati, Monza
:Luce di Riserva



Risultati calcolo

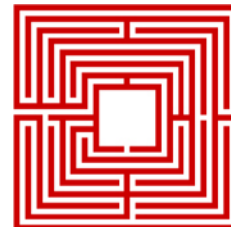
Luminanza 3D, Spazio Espositivo Lato Est [Vie di fuga / Disimpegno Ascensore]



Luminanza nella scena

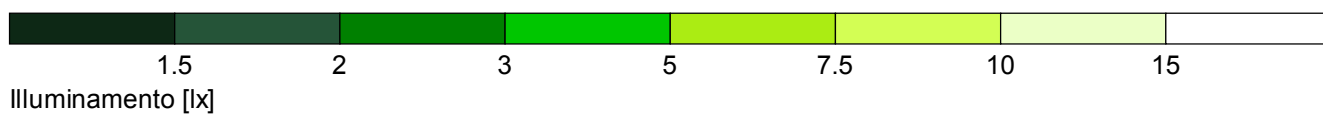
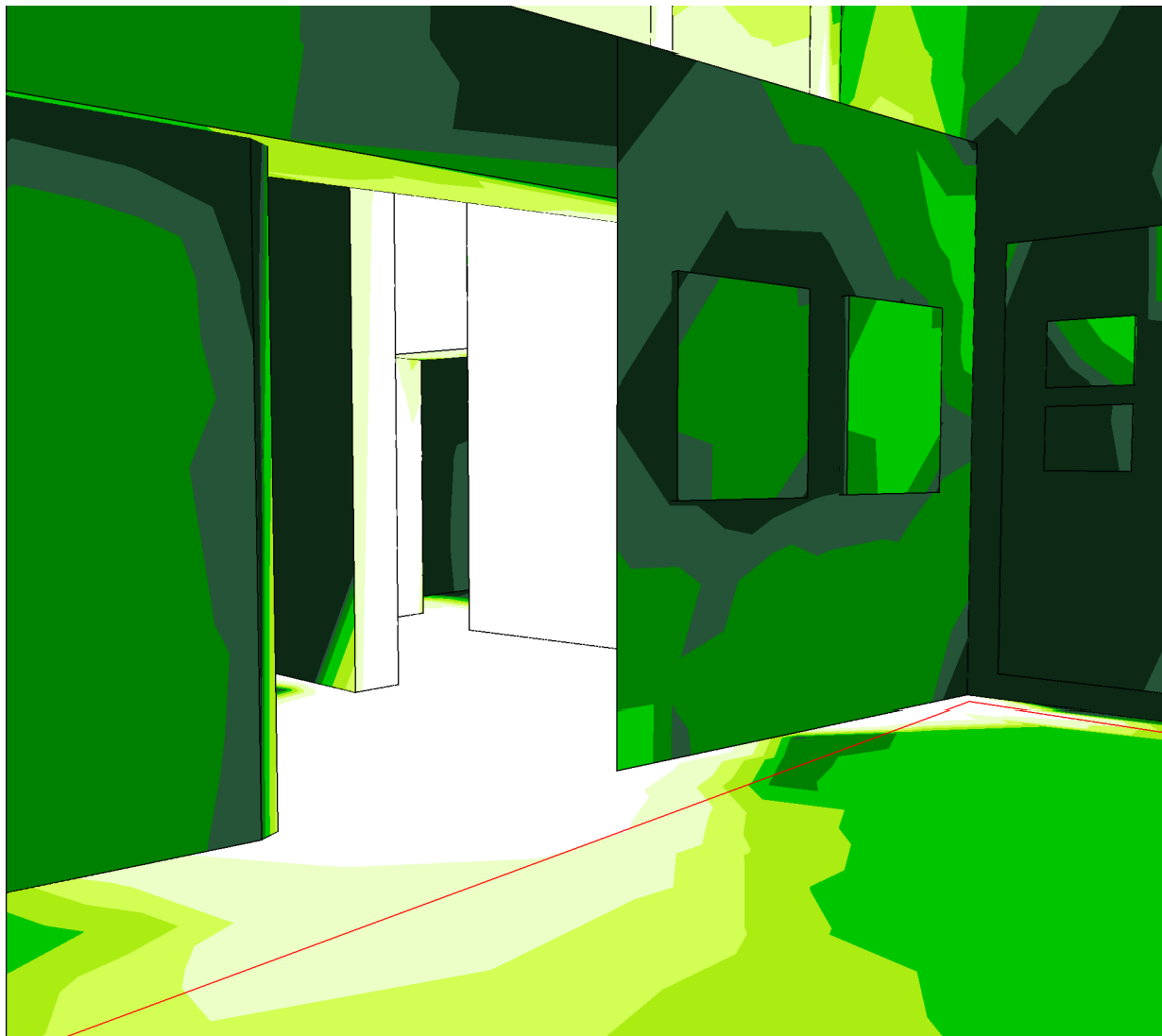
Minimo: : 0 cd/m²

Massimo: : 159 cd/m²



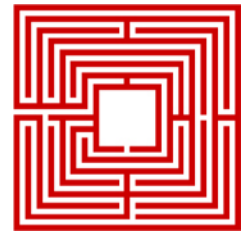
Risultati calcolo

Colori falsati 3D, Spazio Espositivo Lato Est [Vie di fuga / Disimpegno Ascensore]



Oggetto
Impianto

:Museo Ex Casa degli Umiliati, Monza
:Luce di Riserva



Risultati calcolo

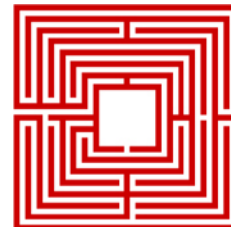
Luminanza 3D, Spazio Espositivo Lato Sud / Sala Grandi Opere



Luminanza nella scena

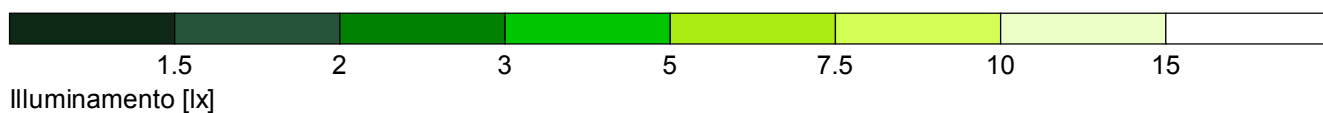
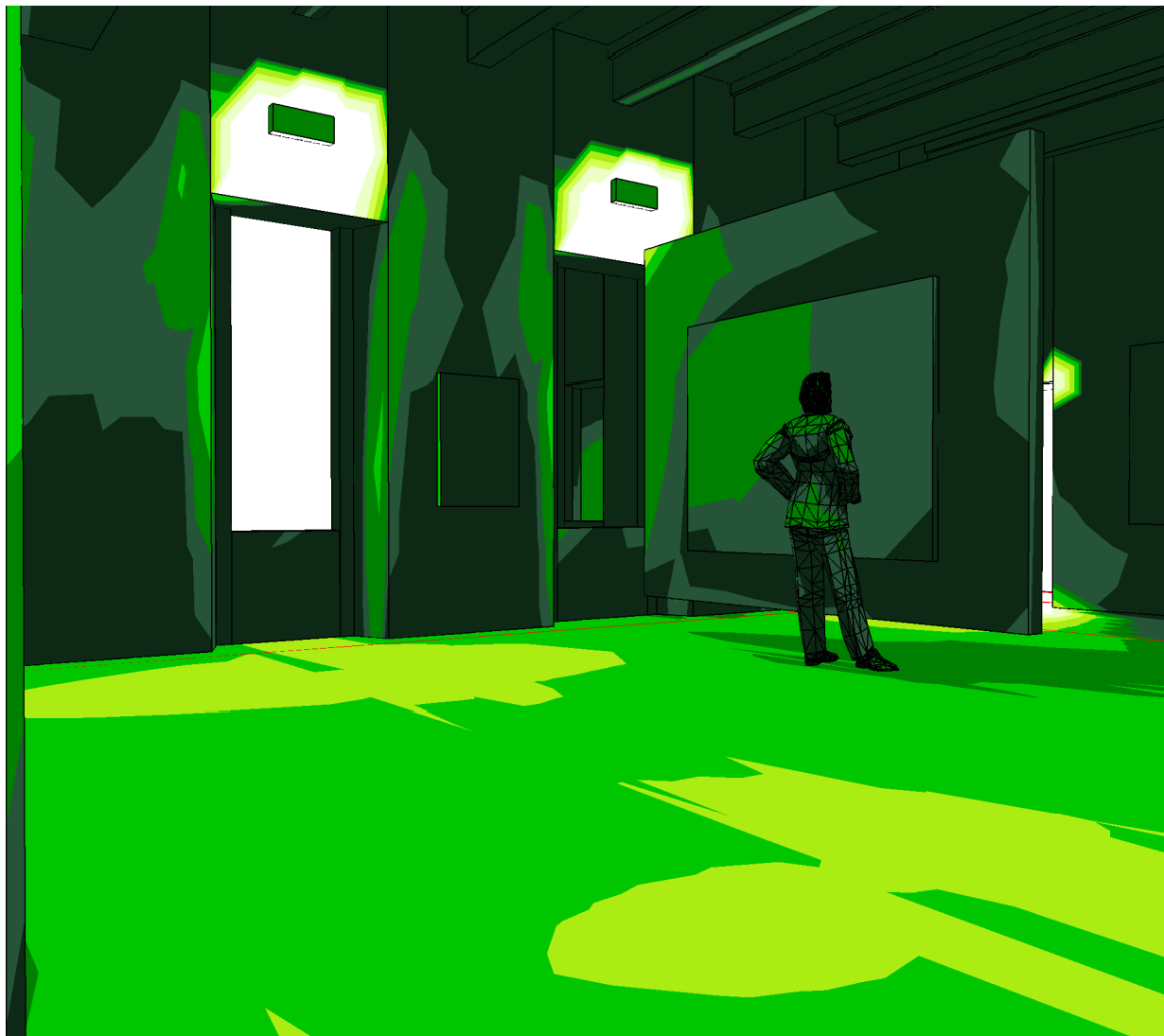
Minimo: : 0 cd/m²

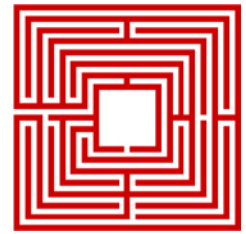
Massimo: : 159 cd/m²



Risultati calcolo

Colori falsati 3D, Spazio Espositivo Lato Sud / Sala Grandi Opere





Risultati calcolo

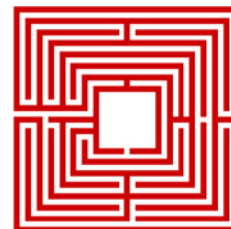
Luminanza 3D, Uffici



Luminanza nella scena

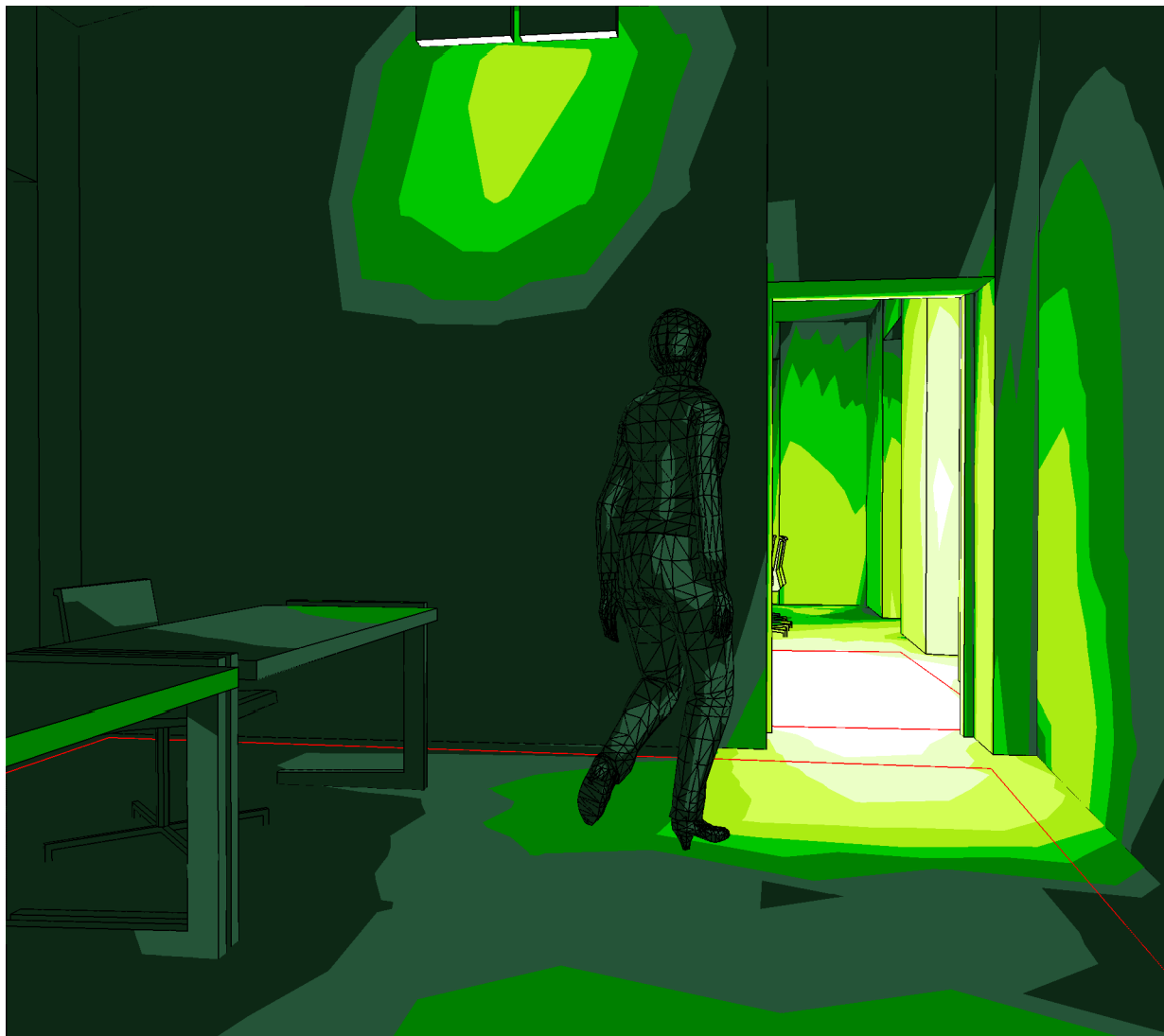
Minimo: : 0 cd/m²

Massimo: : 159 cd/m²



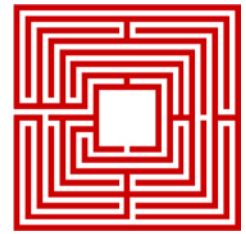
Risultati calcolo

Colori falsati 3D, Uffici



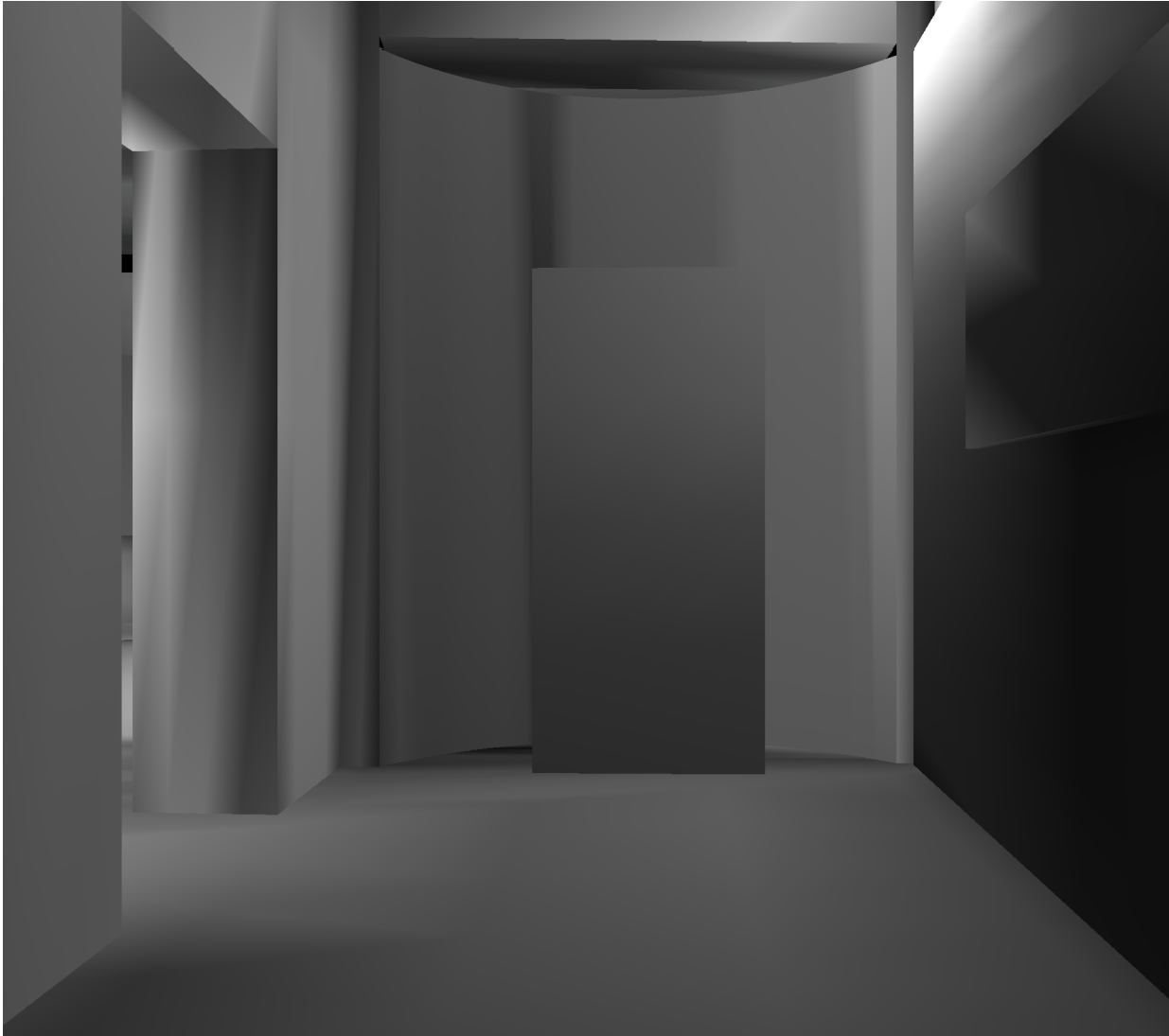
Oggetto
Impianto

:Museo Ex Casa degli Umiliati, Monza
:Luce di Riserva



Risultati calcolo

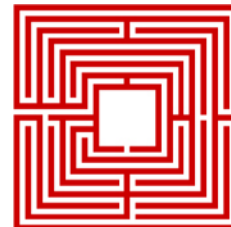
Luminanza 3D, Spazio Espositivo Lato Nord / Corridoio [14] Vie di Fuga



Luminanza nella scena

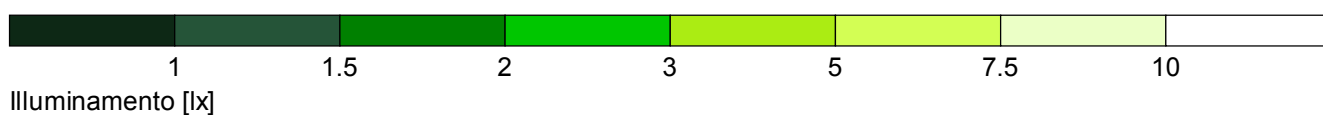
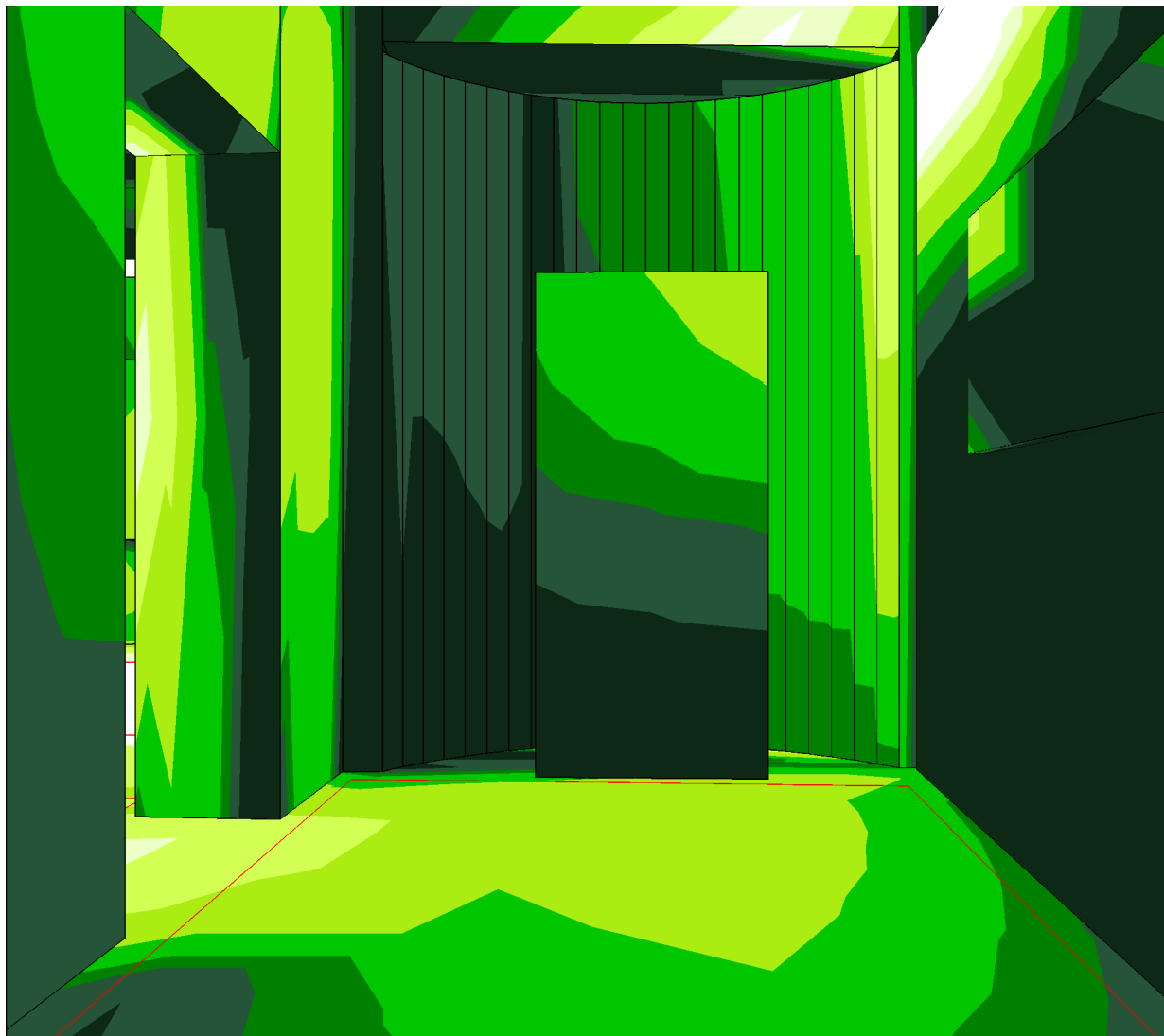
Minimo: : 0 cd/m²

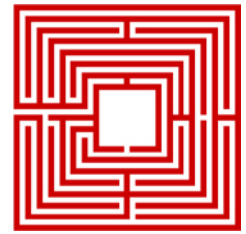
Massimo: : 159 cd/m²



Risultati calcolo

Colori falsati 3D, Spazio Espositivo Lato Nord / Corridoio [14] Vie di Fuga





Risultati calcolo

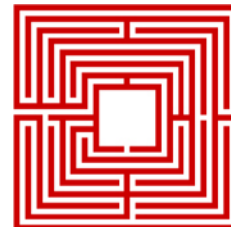
Luminanza 3D, Scala Emergenza



Luminanza nella scena

Minimo: : 0 cd/m²

Massimo: : 159 cd/m²



Risultati calcolo

Colori falsati 3D, Scala Emergenza

