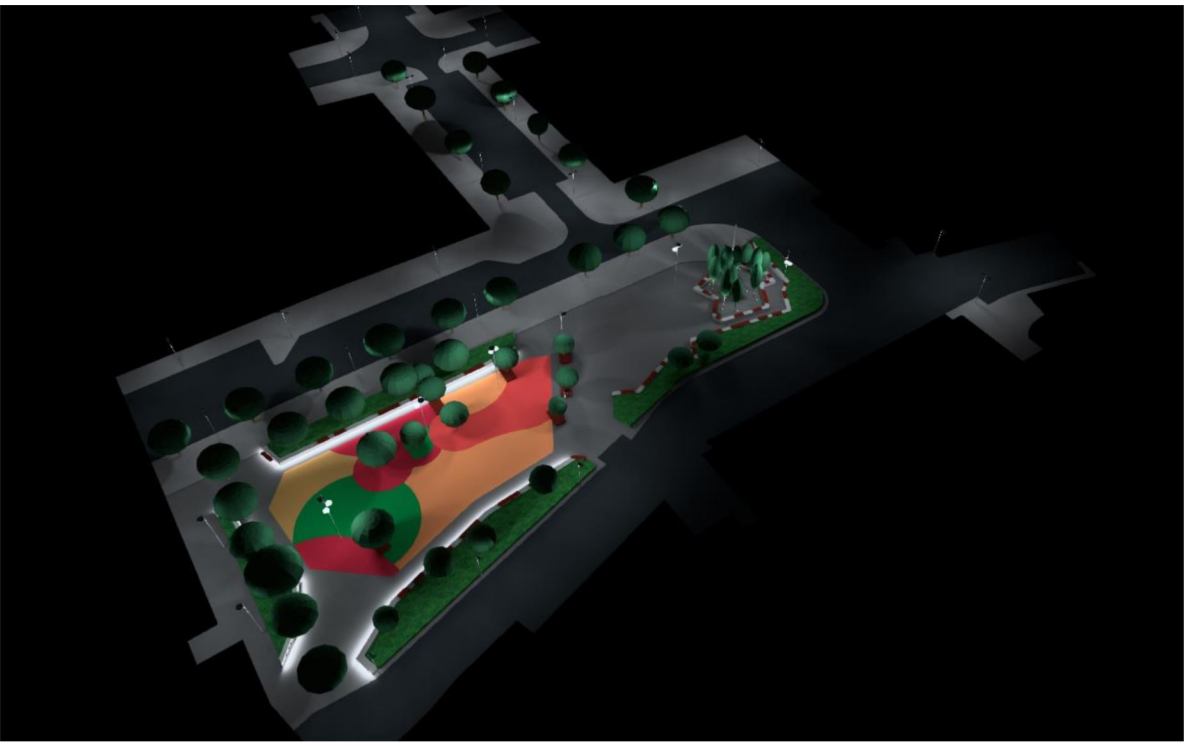
DOCUMENTO C:

ANEJO 1

ESTUDIO LUMÍNICO

Fecha 23/04/2023

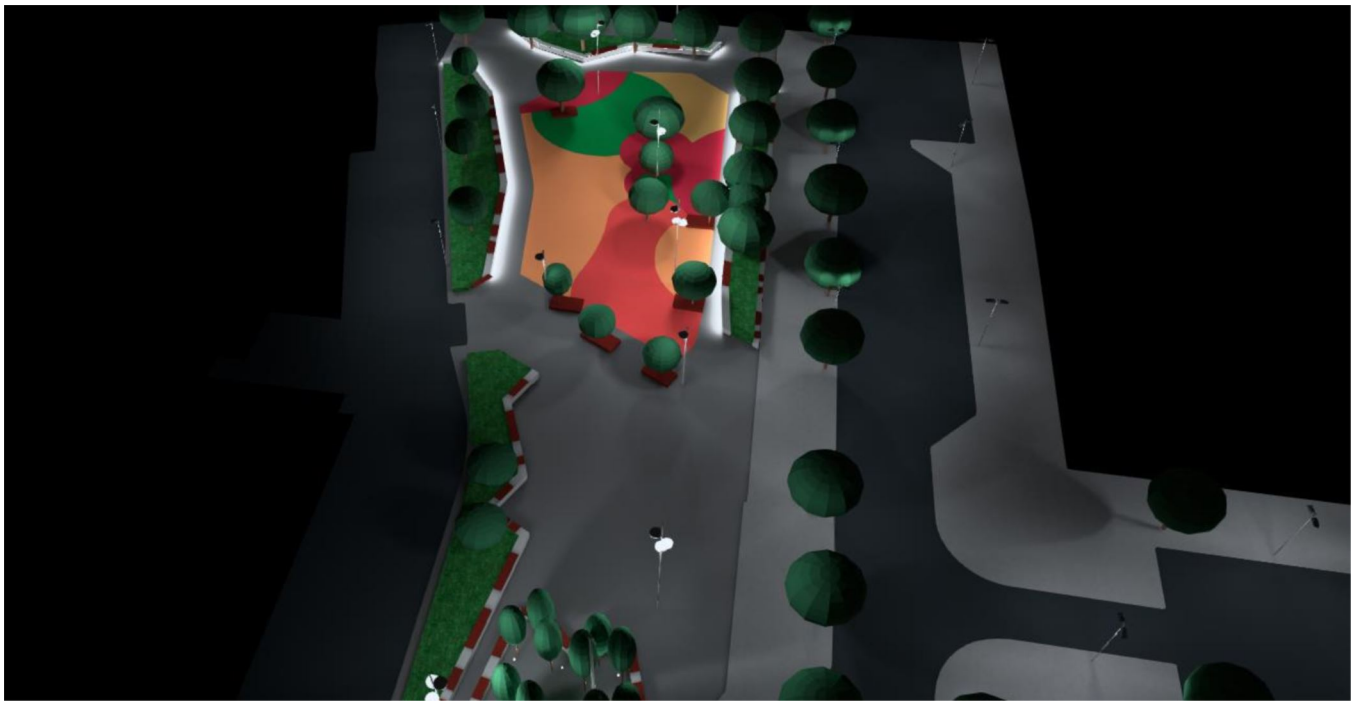


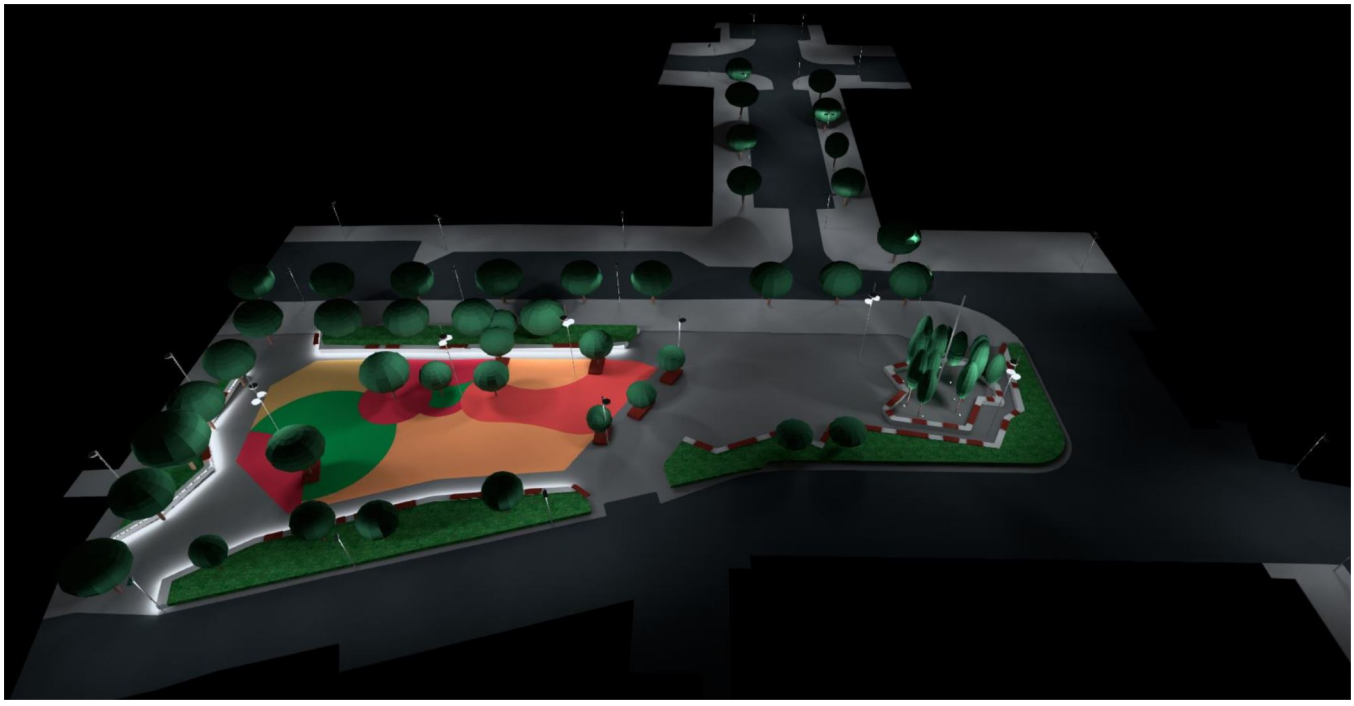
Plaza Barrendain BEASAIN

v2

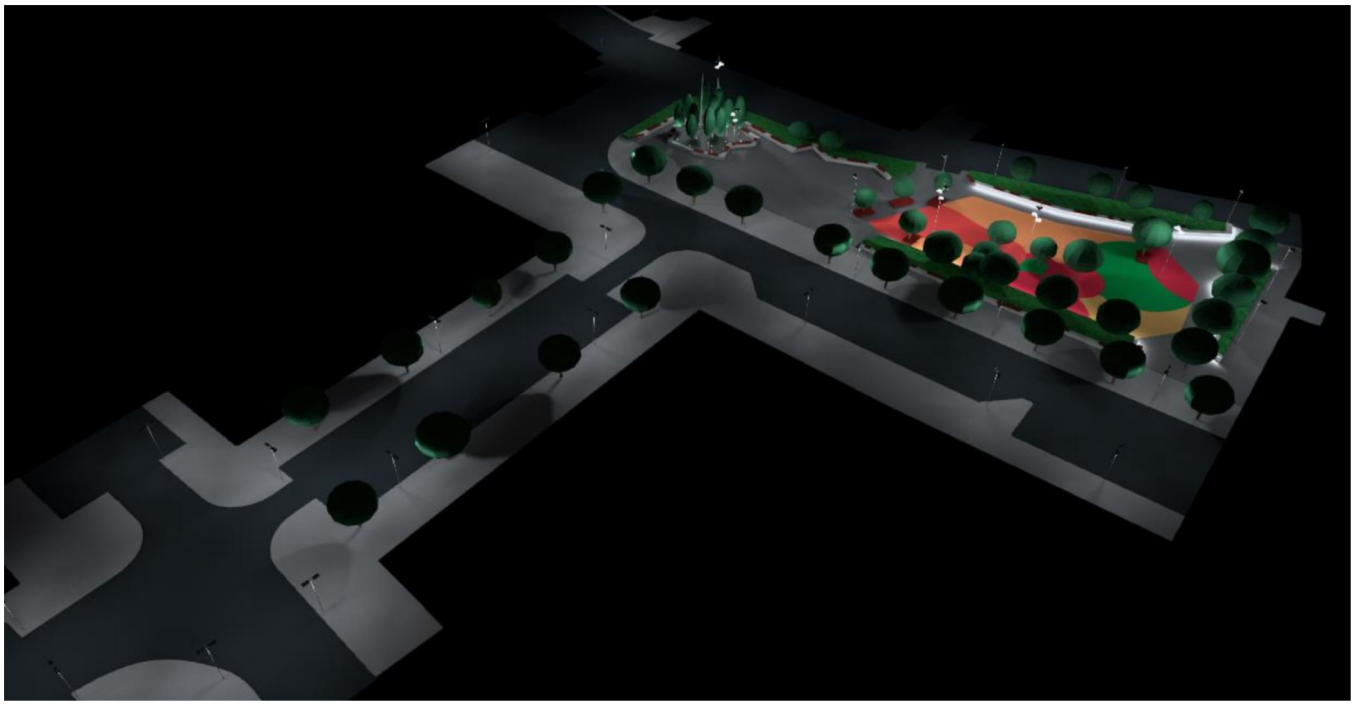
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Imágenes



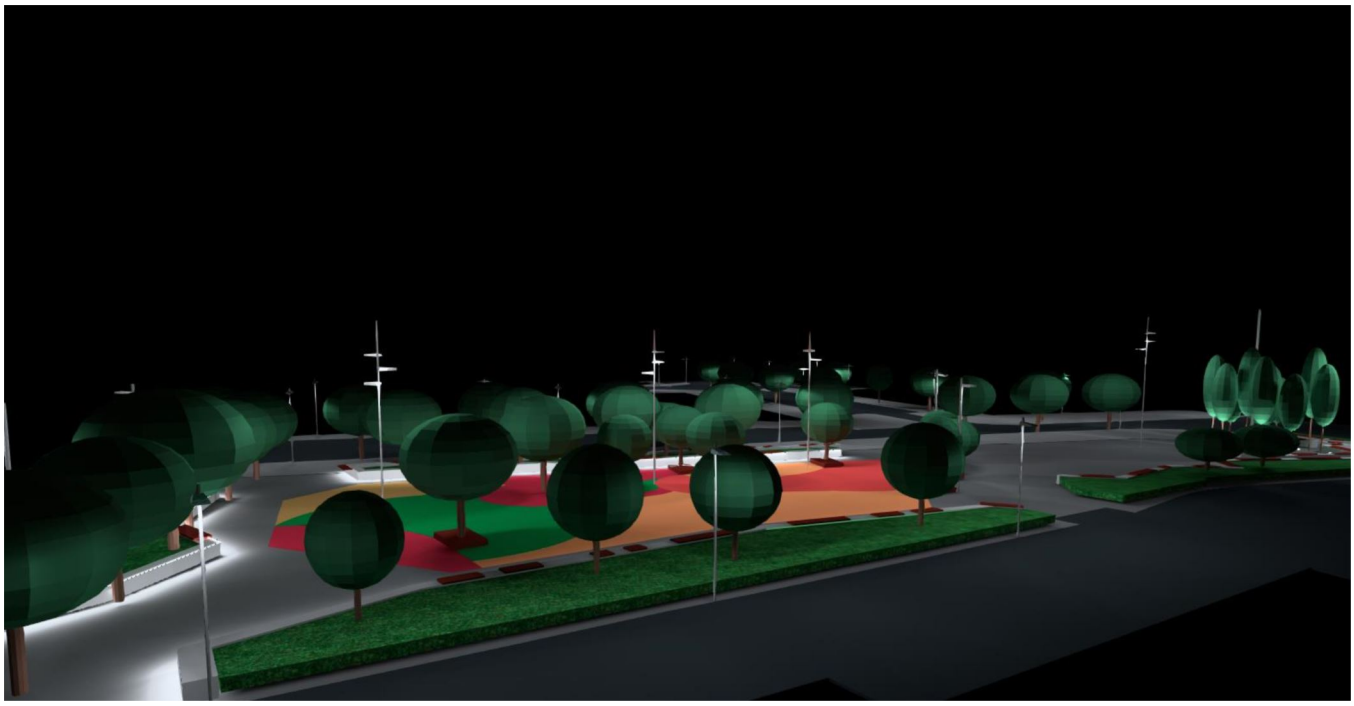


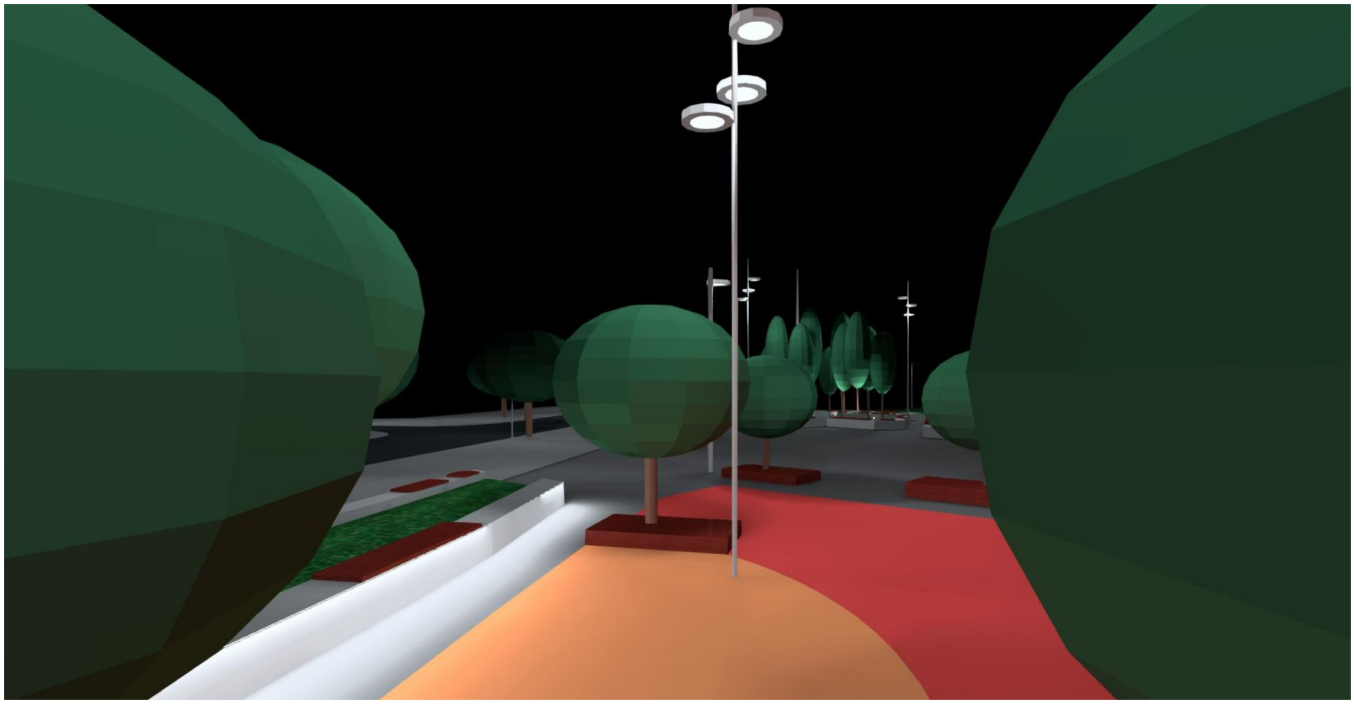
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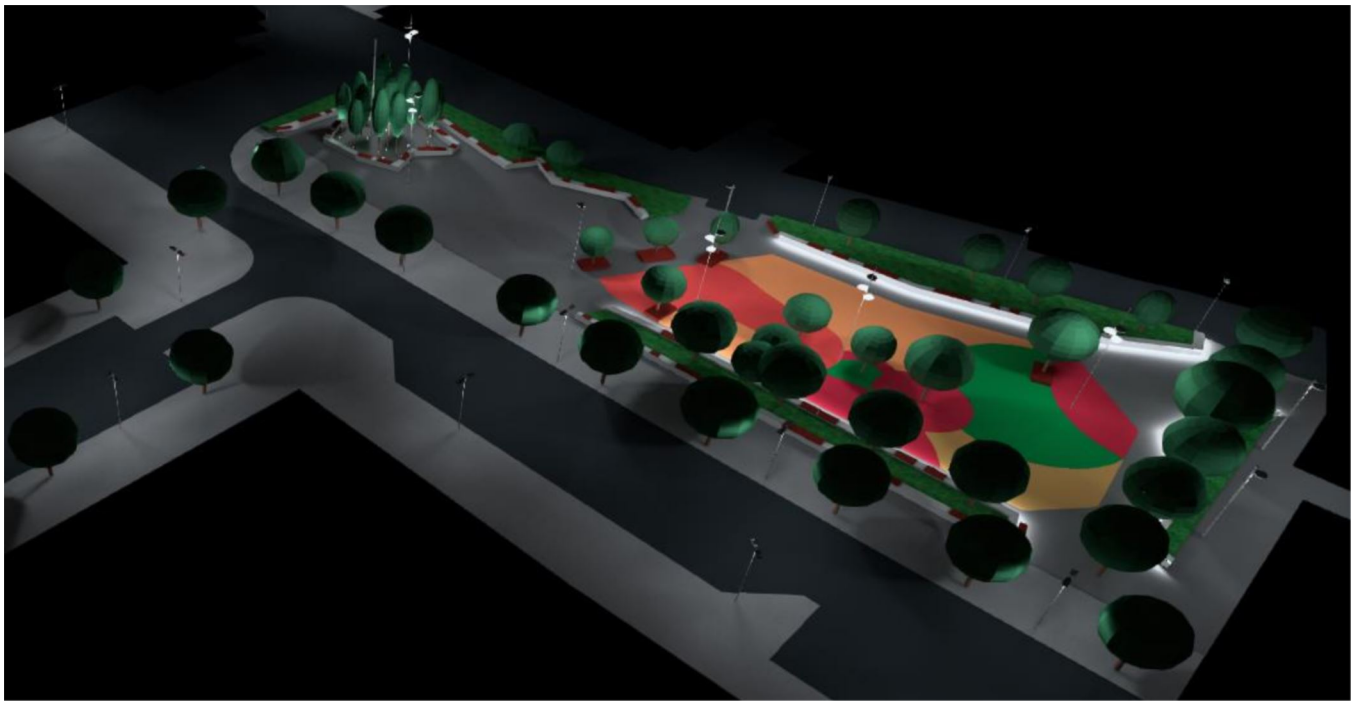


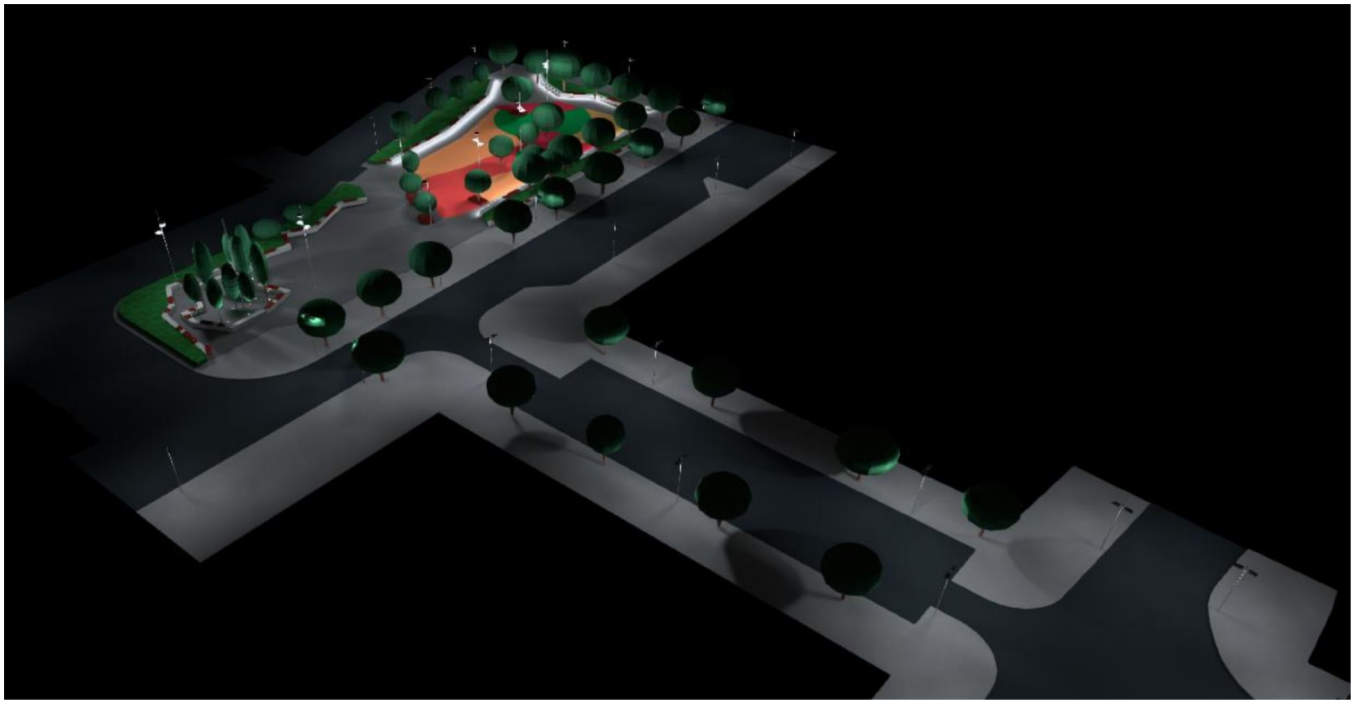
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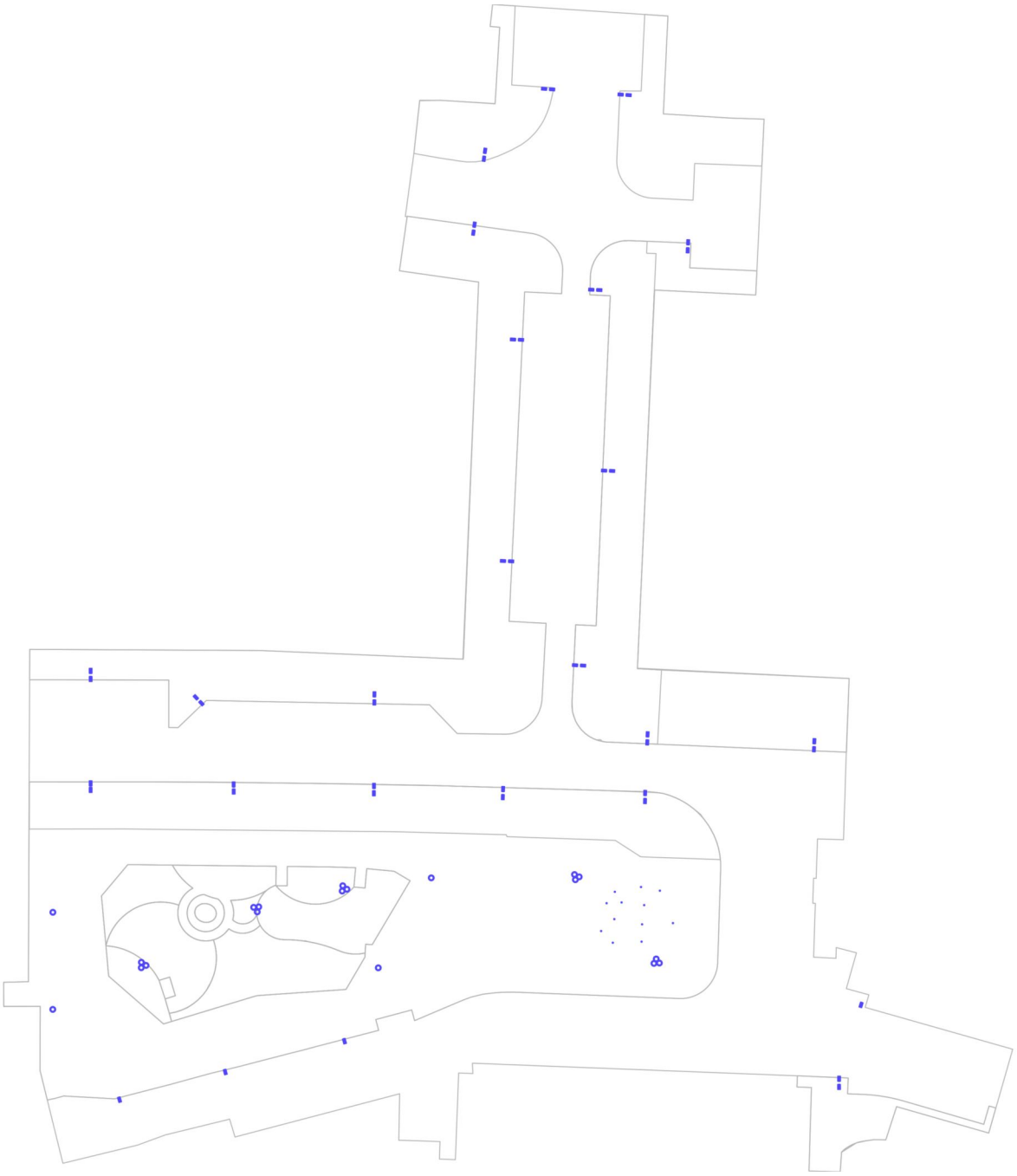


Lista de luminarias

Φ_{total}	P_{total}	Rendimiento lumínico
231391 lm	2227.1 W	103.9 lm/W

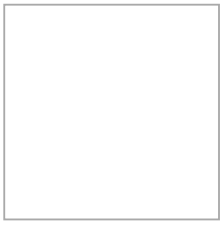
Uni.	Fabricante	N° de artículo	Nombre del artículo	P	Φ	Rendimiento lumínico
12	Philips		BGP531 T25 1 xLED60-4S/830 DS50	44.0 W	5023 lm	114.1 lm/W
4	Philips		BGP531 T25 1 xLED60-4S/830 DW50	44.0 W	4916 lm	111.7 lm/W
3	Philips		BGP531 T25 1 xLED60-4S/830 DX50	44.0 W	4962 lm	112.8 lm/W
11	Philips		BGP702 T25 1 xLED14-4S/830 DW52	11.6 W	1243 lm	107.2 lm/W
26	Philips		BGP702 T25 1 xLED30-4S/830 DW52	23.5 W	2664 lm	113.4 lm/W
9	Philips		BGP702 T25 1 xLED50-4S/830 DW50	40.5 W	4312 lm	106.5 lm/W
12	Philips		BVP371 12LED RGBWW 220V DMX 24 30	24.0 W	1235 lm	51.5 lm/W

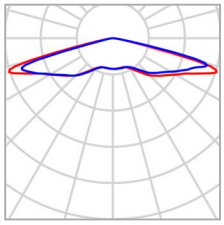
Plano de situación de luminarias



Plano de situación de luminarias







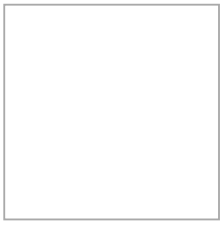
Fabricante	Philips	P	44.0 W
Nombre del artículo	BGP531 T25 1 xLED60-4S/830 DS50	$\Phi_{Luminaria}$	5023 lm
Lámpara	1x LED60-4S/830		

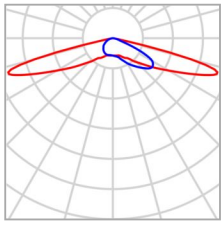
Luminarias individuales

X	Y	Altura de montaje
226.377 m	111.736 m	6.500 m
225.929 m	112.111 m	6.000 m
225.866 m	111.540 m	7.000 m
204.275 m	103.305 m	5.500 m
204.287 m	103.887 m	6.500 m
204.789 m	103.551 m	6.000 m
216.738 m	109.300 m	6.500 m
216.354 m	109.792 m	5.500 m
216.901 m	109.844 m	6.000 m
250.832 m	113.314 m	6.500 m
250.926 m	112.757 m	7.500 m
251.339 m	113.066 m	7.000 m

Plano de situación de luminarias







Fabricante	Philips
Nombre del artículo	BGP531 T25 1 xLED60-4S/830 DW50
Lámpara	1x LED60-4S/830

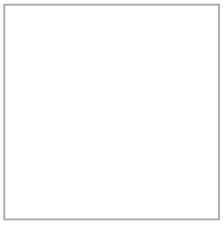
P	44.0 W
$\Phi_{Luminaria}$	4916 lm

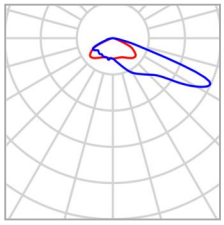
Luminarias individuales

X	Y	Altura de montaje
194.766 m	98.828 m	5.000 m
194.775 m	109.259 m	5.000 m
235.441 m	112.958 m	5.000 m
229.747 m	103.296 m	5.000 m

Plano de situación de luminarias







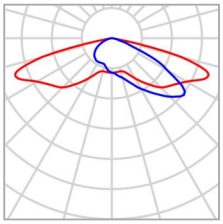
Fabricante	Philips	P	44.0 W
Nombre del artículo	BGP531 T25 1 xLED60-4S/830 DX50	$\Phi_{Luminaria}$	4962 lm
Lámpara	1x LED60-4S/830		

Luminarias individuales

X	Y	Altura de montaje
259.955 m	103.808 m	6.500 m
259.614 m	104.247 m	7.500 m
259.371 m	103.769 m	7.000 m

Plano de situación de luminarias





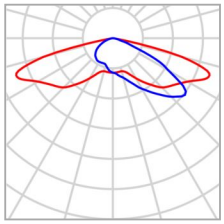
Fabricante	Philips	P	11.6 W
Nombre del artículo	BGP702 T25 1 xLED14-4S/830 DW52	$\Phi_{Luminaria}$	1243 lm
Lámpara	1x LED14-4S/830		

Luminarias individuales

X	Y	Altura de montaje
210.301 m	132.177 m	4.000 m
229.326 m	132.433 m	4.000 m
214.209 m	122.465 m	4.000 m
198.834 m	122.638 m	4.000 m
229.274 m	122.276 m	4.000 m
258.418 m	121.441 m	4.000 m
243.138 m	121.863 m	4.000 m
198.834 m	134.952 m	4.000 m
279.260 m	90.737 m	4.000 m
247.799 m	197.688 m	4.000 m
256.417 m	197.047 m	4.000 m

Plano de situación de luminarias





Fabricante	Philips	P	23.5 W
Nombre del artículo	BGP702 T25 1 xLED30-4S/830 DW52	$\Phi_{Luminaria}$	2664 lm
Lámpara	1x LED30-4S/830		

Luminarias individuales

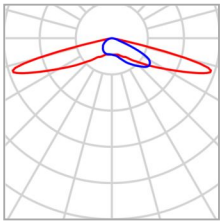
X	Y	Altura de montaje
254.642 m	156.674 m	4.000 m
243.378 m	146.980 m	4.000 m
244.452 m	170.766 m	4.000 m
251.523 m	135.774 m	4.000 m
210.581 m	131.891 m	4.000 m
229.329 m	132.033 m	4.000 m
214.203 m	122.759 m	4.000 m
198.834 m	122.872 m	4.000 m
229.284 m	122.599 m	4.000 m
258.415 m	121.842 m	4.000 m
243.149 m	122.263 m	4.000 m
198.837 m	134.552 m	4.000 m
239.998 m	182.487 m	4.000 m

Plano de situación de luminarias

X	Y	Altura de montaje
240.052 m	182.880 m	4.000 m
253.265 m	176.105 m	4.000 m
241.188 m	190.816 m	4.000 m
241.134 m	190.423 m	4.000 m
258.664 m	127.739 m	4.000 m
258.676 m	128.139 m	4.000 m
276.582 m	127.003 m	4.000 m
276.593 m	127.403 m	4.000 m
248.195 m	197.661 m	4.000 m
256.021 m	197.073 m	4.000 m
263.033 m	180.987 m	4.000 m
263.006 m	180.591 m	4.000 m
281.697 m	99.537 m	4.000 m

Plano de situación de luminarias



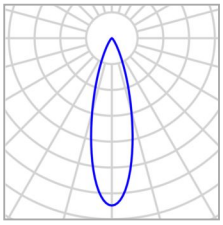


Fabricante	Philips	P	40.5 W
Nombre del artículo	BGP702 T25 1 xLED50-4S/830 DW50	$\Phi_{Luminaria}$	4312 lm
Lámpara	1x LED50-4S/830		

Luminarias individuales

X	Y	Altura de montaje
254.242 m	156.686 m	4.000 m
243.787 m	146.969 m	4.000 m
244.851 m	170.755 m	4.000 m
251.122 m	135.785 m	4.000 m
201.868 m	89.356 m	4.000 m
213.243 m	92.327 m	4.000 m
226.050 m	95.639 m	4.000 m
252.865 m	176.116 m	4.000 m
279.265 m	91.149 m	4.000 m

Plano de situación de luminarias



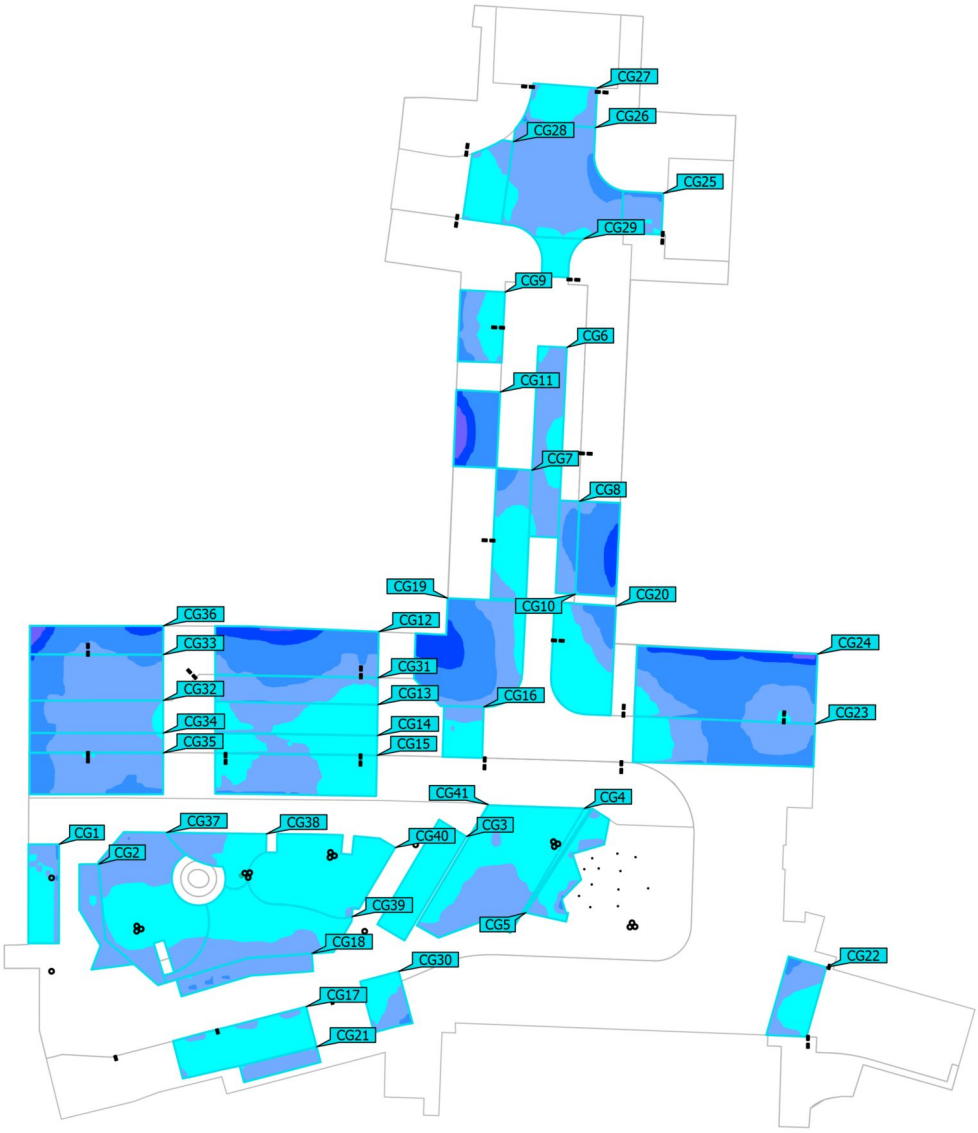
Fabricante	Philips	P	24.0 W
Nombre del artículo	BVP371 12LED RGBWW 220V DMX 24 30	$\Phi_{Luminaria}$	1235 lm
Lámpara	1x LED		

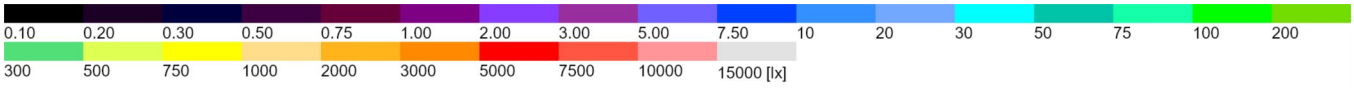
Luminarias individuales

X	Y	Altura de montaje
254.281 m	110.234 m	0.000 m
255.167 m	111.457 m	0.000 m
255.891 m	110.319 m	0.000 m
257.980 m	111.975 m	0.000 m
260.007 m	111.580 m	0.000 m
258.319 m	110.029 m	0.000 m
258.094 m	107.966 m	0.000 m
261.413 m	108.096 m	0.000 m
258.040 m	106.103 m	0.000 m
254.951 m	105.991 m	0.000 m
255.112 m	108.526 m	0.000 m
253.693 m	107.245 m	0.000 m

(Escena de luz 1)

Objetos de cálculo





(Escena de luz 1)

Objetos de cálculo

Superficie de cálculo

Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2	Índice
01. PLAZA ZONA DE PASO 1 Iluminancia perpendicular Altura: 0.000 m	31.2 lx	12.4 lx	41.0 lx	0.40	0.30	CG1
04. PLAZA ZONA DE PASO 4 Iluminancia perpendicular Altura: 0.000 m	26.2 lx	21.7 lx	30.5 lx	0.83	0.71	CG2
03. PLAZA ZONA DE PASO 3 Iluminancia perpendicular Altura: 0.000 m	40.7 lx	33.6 lx	46.0 lx	0.83	0.73	CG3
05. PLAZA ZONA 1 Iluminancia perpendicular Altura: 0.000 m	30.5 lx	20.8 lx	42.6 lx	0.68	0.49	CG4
06. PLAZA ZONA 2 Iluminancia perpendicular Altura: -0.000 m	31.7 lx	16.0 lx	41.3 lx	0.50	0.39	CG5
12. GARMENDIA OTAOLA_VIAL Iluminancia perpendicular Altura: 0.000 m	27.5 lx	22.3 lx	35.9 lx	0.81	0.62	CG6
13. GARMENDIA OTAOLA_ZONA APARCAMIENTO 1 Iluminancia perpendicular Altura: 0.000 m	30.5 lx	16.0 lx	40.4 lx	0.52	0.40	CG7
22. GARMENDIA OTAOLA_ZONA APARCAMIENTO 2 Iluminancia perpendicular Altura: 0.000 m	21.0 lx	17.5 lx	27.2 lx	0.83	0.64	CG8
23. GARMENDIA OTAOLA_ZONA PEATONAL 1 Iluminancia perpendicular Altura: 0.000 m	29.0 lx	15.8 lx	42.5 lx	0.54	0.37	CG9
24. GARMENDIA OTAOLA_ZONA PEATONAL 2 Iluminancia perpendicular Altura: 0.000 m	13.7 lx	7.85 lx	23.1 lx	0.57	0.34	CG10
25. GARMENDIA OTAOLA_ZONA PEATONAL 3 Iluminancia perpendicular Altura: 0.000 m	11.3 lx	5.75 lx	17.9 lx	0.51	0.32	CG11

(Escena de luz 1)

Objetos de cálculo

17. NAFARROA Z1_ZONA PEATONAL 2 Iluminancia perpendicular Altura: 0.000 m	14.8 lx	7.34 lx	28.8 lx	0.50	0.25	CG12
16. NAFARROA Z1_VIAL Iluminancia perpendicular Altura: 0.000 m	32.1 lx	25.1 lx	39.0 lx	0.78	0.64	CG13
15. NAFARROA Z1_CARRIL BICI Iluminancia perpendicular Altura: 0.000 m	33.3 lx	27.3 lx	39.3 lx	0.82	0.69	CG14
14. NAFARROA Z1_ZONA PEATONAL 1 Iluminancia perpendicular Altura: -0.000 m	29.8 lx	11.8 lx	40.9 lx	0.40	0.29	CG15
19. NAFARROA Z2_PASO DE PEATONES Iluminancia perpendicular Altura: 0.000 m	32.5 lx	23.5 lx	40.6 lx	0.72	0.58	CG16
30. TRENBIDE Z1_VIAL Iluminancia perpendicular Altura: 0.000 m	34.9 lx	23.0 lx	42.9 lx	0.66	0.54	CG17
02. PLAZA ZONA DE PASO 2 Iluminancia perpendicular Altura: 0.000 m	23.3 lx	19.2 lx	31.4 lx	0.82	0.61	CG18
26. NAFARR-GARM OTAOLA_ZONA PEATONAL 1 Iluminancia perpendicular Altura: 0.000 m	17.8 lx	8.03 lx	34.5 lx	0.45	0.23	CG19
28. NAFARROA-GARM OTAOLA_ZONA PEATONAL 2 Iluminancia perpendicular Altura: 0.000 m	33.3 lx	13.3 lx	45.5 lx	0.40	0.29	CG20
31. TRENBIDE Z1_ZONA ESTACIONAMIENTO Iluminancia perpendicular Altura: 0.000 m	25.0 lx	19.8 lx	30.8 lx	0.79	0.64	CG21
32. TRENBIDE Z2_PASO DE PEATONES Iluminancia perpendicular Altura: 0.000 m	27.9 lx	16.4 lx	36.1 lx	0.59	0.45	CG22
20. NAFARROA Z3_VIAL Iluminancia perpendicular Altura: 0.000 m	25.1 lx	13.9 lx	49.5 lx	0.55	0.28	CG23

(Escena de luz 1)

Objetos de cálculo

21. NAFARROA Z3_ZONA PEATONAL Iluminancia perpendicular Altura: 0.000 m	18.0 lx	7.18 lx	40.3 lx	0.40	0.18	CG24
36. ORIAM-GARM_PASO DE PEATONES 2 Iluminancia perpendicular Altura: 0.000 m	24.6 lx	16.9 lx	30.9 lx	0.69	0.55	CG25
34. ORIAM-GARM_VIAL Iluminancia perpendicular Altura: 0.000 m	25.3 lx	17.8 lx	32.8 lx	0.70	0.54	CG26
35. ORIAM-GARM_PASO DE PEATONES 1 Iluminancia perpendicular Altura: 0.000 m	31.5 lx	17.0 lx	36.4 lx	0.54	0.47	CG27
37. ORIAM-GARM_PASO DE PEATONES 3 Iluminancia perpendicular Altura: 0.000 m	32.9 lx	19.2 lx	39.3 lx	0.58	0.49	CG28
38. ORIAM-GARM_PASO DE PEATONES 4 Iluminancia perpendicular Altura: 0.000 m	39.4 lx	30.8 lx	46.0 lx	0.78	0.67	CG29
29. TRENBIDE Z1_PASO DE PEATONES Iluminancia perpendicular Altura: 0.000 m	31.0 lx	17.3 lx	42.0 lx	0.56	0.41	CG30
18. NAFARROA Z1_CARRIL ESTACIONAM Iluminancia perpendicular Altura: 0.000 m	25.6 lx	17.1 lx	34.8 lx	0.67	0.49	CG31
39. NAFARROA Z2_VIAL Iluminancia perpendicular Altura: 0.000 m	24.3 lx	15.4 lx	32.1 lx	0.63	0.48	CG32
27. NAFARROA Z2_APARCAMIENTO Iluminancia perpendicular Altura: 0.000 m	21.4 lx	9.64 lx	28.9 lx	0.45	0.33	CG33
33. NAFARROA Z2_CARRIL BICI Iluminancia perpendicular Altura: 0.000 m	25.1 lx	14.3 lx	31.1 lx	0.57	0.46	CG34
41. NAFARROA Z2_ZONA PEATONAL 1 Iluminancia perpendicular Altura: 0.000 m	21.9 lx	11.8 lx	30.3 lx	0.54	0.39	CG35

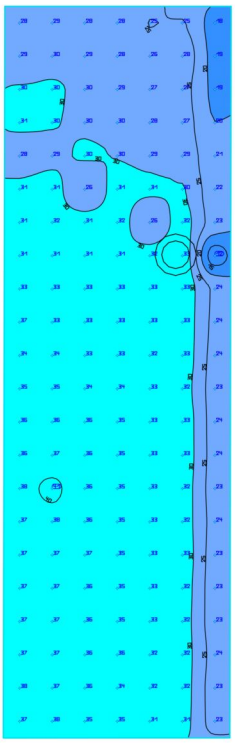
(Escena de luz 1)

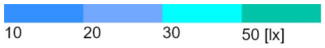
Objetos de cálculo

42. NAFARROA Z2_ZONA PEATONAL 2 Iluminancia perpendicular Altura: 0.000 m	14.2 lx	5.71 lx	24.4 lx	0.40	0.23	CG36
07. PLAZA ZONA 3 Iluminancia perpendicular Altura: 0.000 m	30.0 lx	20.0 lx	44.4 lx	0.67	0.45	CG37
09. PLAZA ZONA 5 Iluminancia perpendicular Altura: 0.000 m	34.1 lx	23.9 lx	50.6 lx	0.70	0.47	CG38
08. PLAZA ZONA 4 Iluminancia perpendicular Altura: -0.000 m	32.5 lx	21.4 lx	47.6 lx	0.66	0.45	CG39
10. PLAZA ZONA 6 Iluminancia perpendicular Altura: 0.000 m	40.8 lx	23.4 lx	49.7 lx	0.57	0.47	CG40
11. PLAZA ZONA 7 Iluminancia perpendicular Altura: -0.020 m	30.8 lx	15.1 lx	43.0 lx	0.49	0.35	CG41

(Escena de luz 1)

01. PLAZA ZONA DE PASO 1

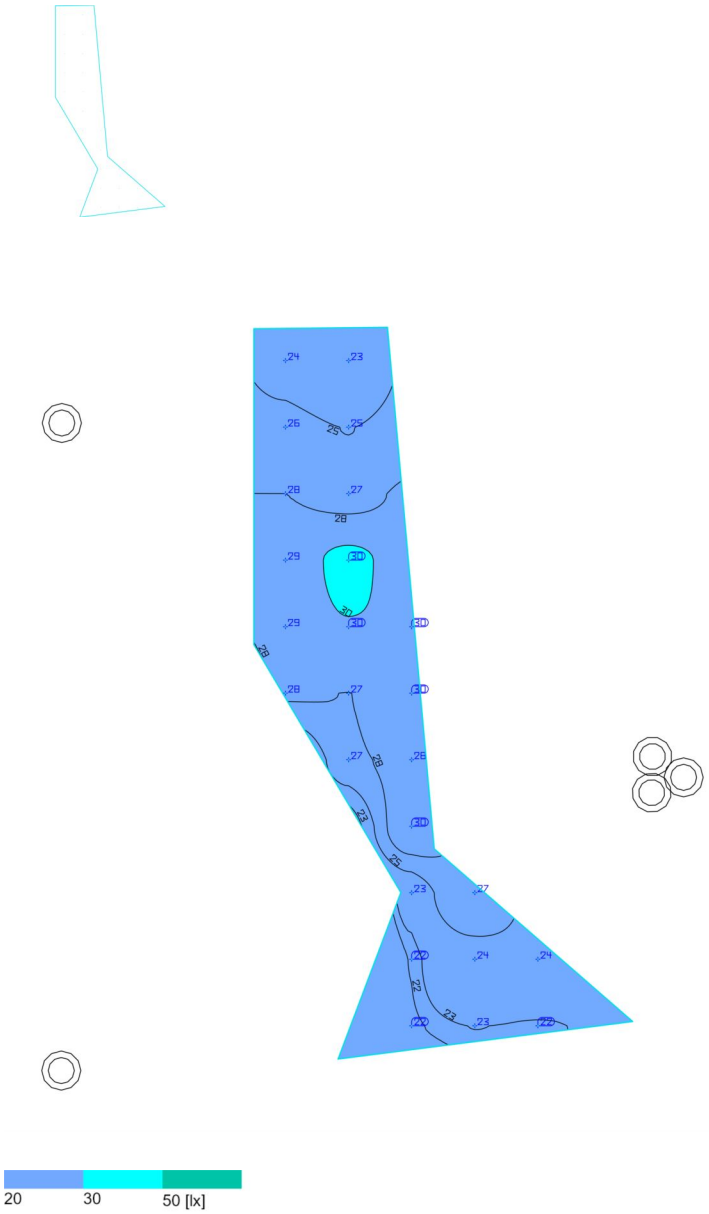




Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
01. PLAZA ZONA DE PASO 1 Iluminancia perpendicular Altura: 0.000 m	31.2 lx	12.4 lx	41.0 lx	0.40	0.30

(Escena de luz 1)

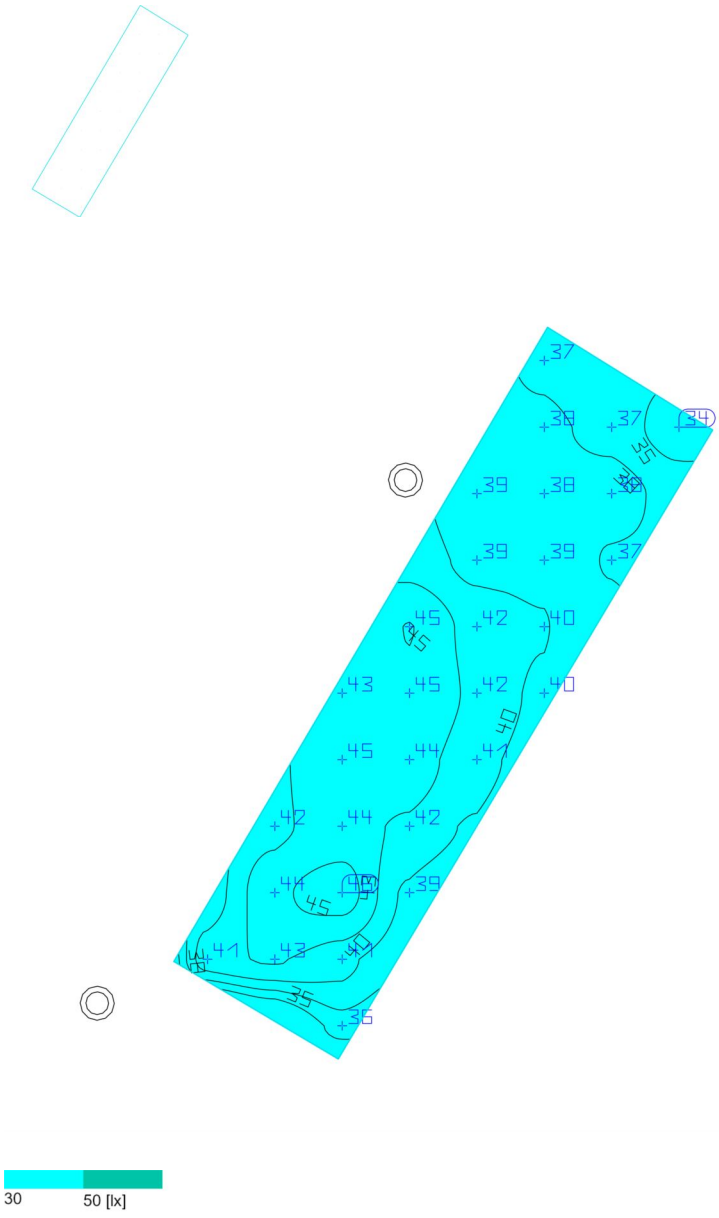
04. PLAZA ZONA DE PASO 4



Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
04. PLAZA ZONA DE PASO 4 Iluminancia perpendicular Altura: 0.000 m	26.2 lx	21.7 lx	30.5 lx	0.83	0.71

(Escena de luz 1)

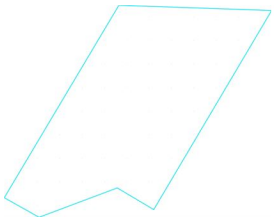
03. PLAZA ZONA DE PASO 3

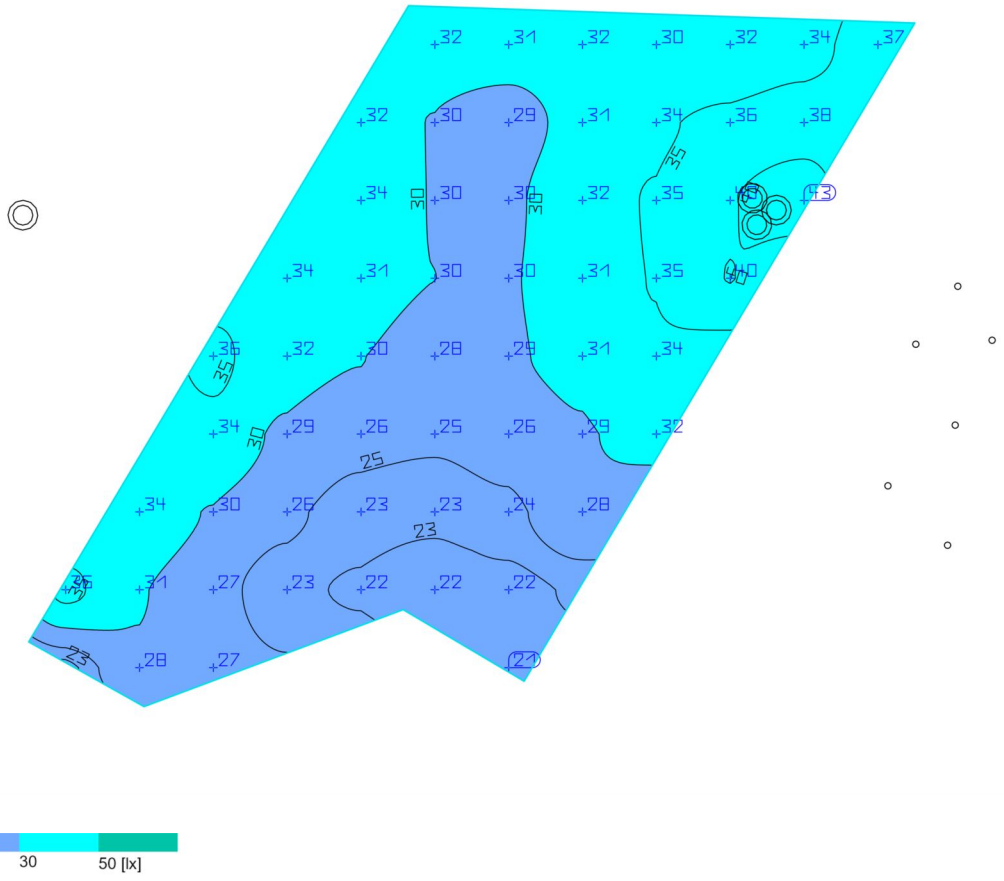


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
03. PLAZA ZONA DE PASO 3 Iluminancia perpendicular Altura: 0.000 m	40.7 lx	33.6 lx	46.0 lx	0.83	0.73

(Escena de luz 1)

05. PLAZA ZONA 1

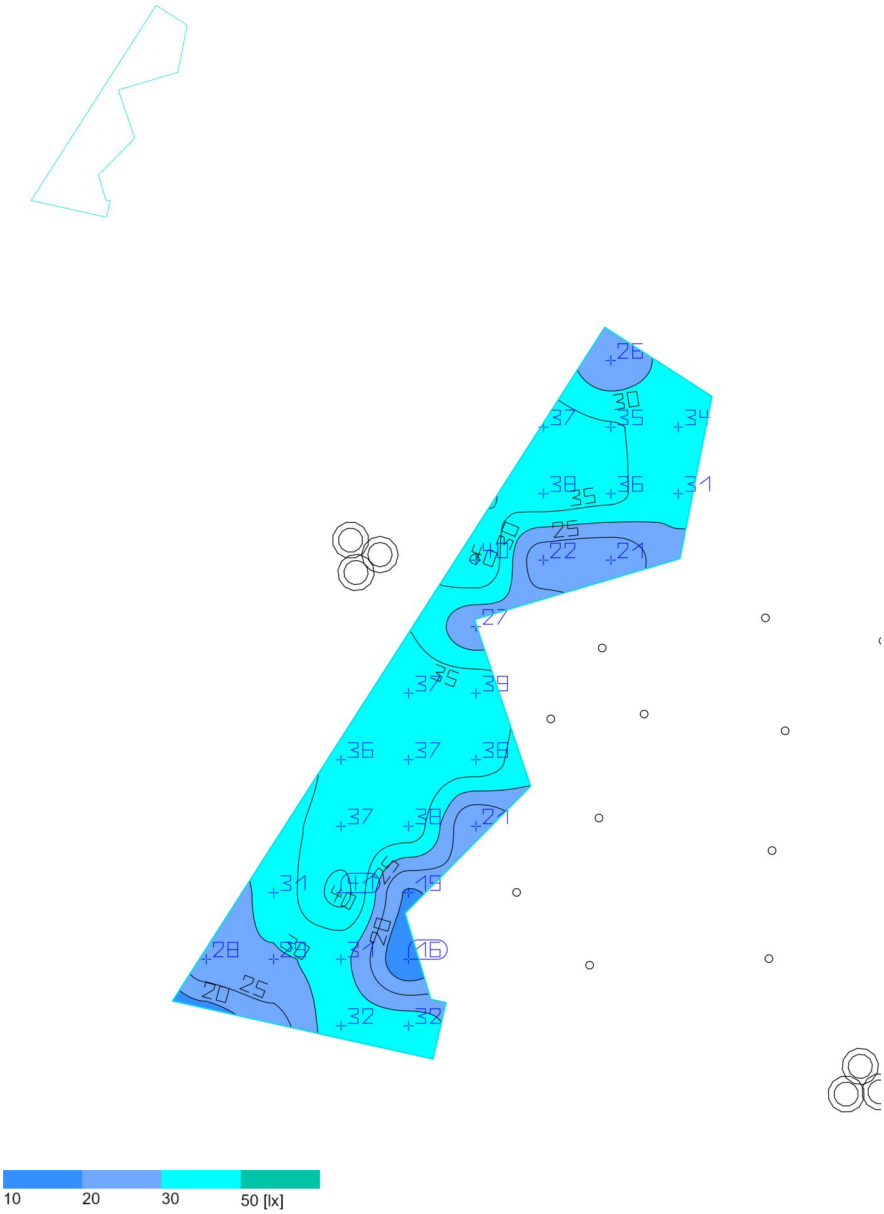




Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
05. PLAZA ZONA 1 Iluminancia perpendicular Altura: 0.000 m	30.5 lx	20.8 lx	42.6 lx	0.68	0.49

(Escena de luz 1)

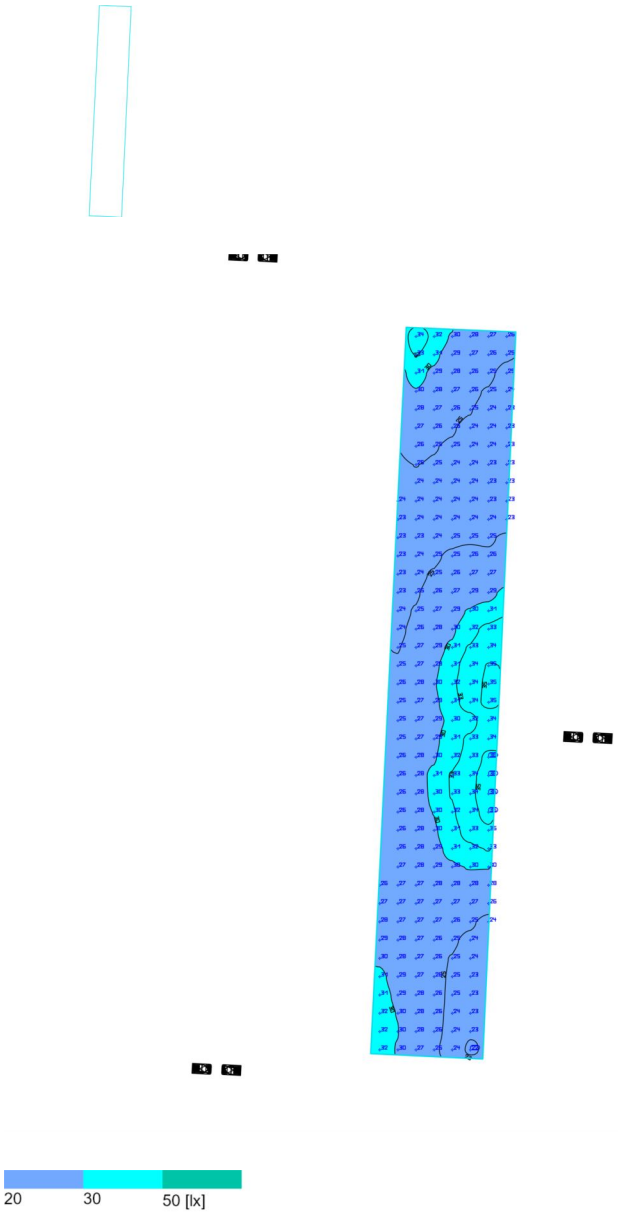
06. PLAZA ZONA 2



Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
06. PLAZA ZONA 2 Iluminancia perpendicular Altura: -0.000 m	31.7 lx	16.0 lx	41.3 lx	0.50	0.39

Plaza Barrendain (Escena de luz 1)

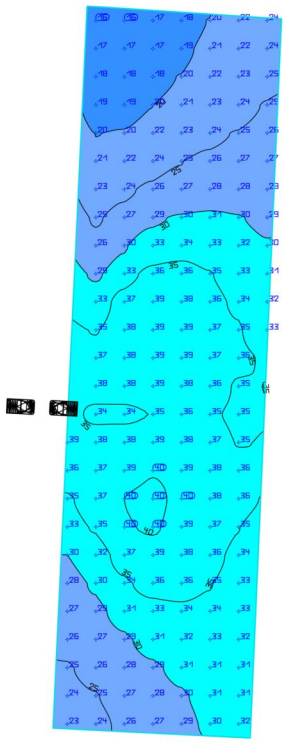
12. GARMENDIA OTAOLA_VIAL

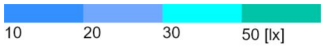


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
12. GARMENDIA OTAOLA_VIAL Iluminancia perpendicular Altura: 0.000 m	27.5 lx	22.3 lx	35.9 lx	0.81	0.62

Plaza Barrendain (Escena de luz 1)

13. GARMENDIA OTAOLA_ZONA APARCAMIENTO 1



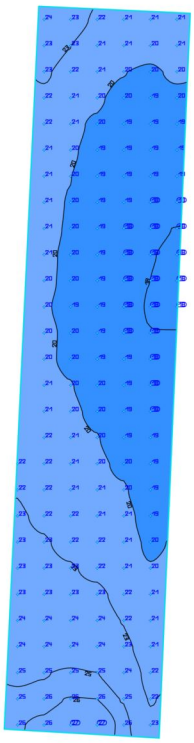


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
13. GARMENDIA OTAOLA_ZONA APARCAMIENTO 1 Iluminancia perpendicular Altura: 0.000 m	30.5 lx	16.0 lx	40.4 lx	0.52	0.40

Plaza Barrendain (Escena de luz 1)

22. GARMENDIA OTAOLA_ZONA APARCAMIENTO 2



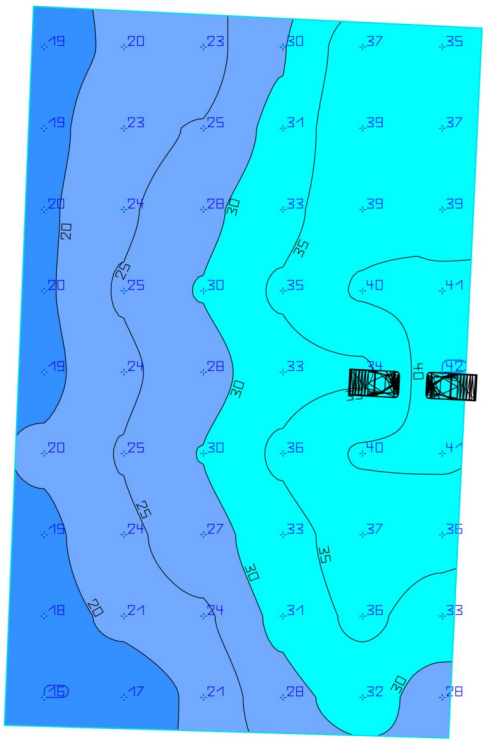


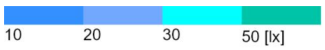


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
22. GARMENDIA OTAOLA_ZONA APARCAMIENTO 2 Iluminancia perpendicular Altura: 0.000 m	21.0 lx	17.5 lx	27.2 lx	0.83	0.64

Plaza Barrendain (Escena de luz 1)

23. GARMENDIA OTAOLA_ZONA PEATONAL 1

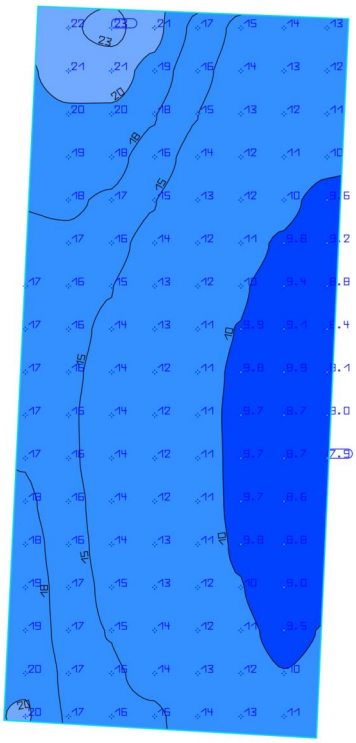


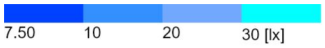


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
23. GARMENDIA OTAOLA_ZONA PEATONAL 1 Iluminancia perpendicular Altura: 0.000 m	29.0 lx	15.8 lx	42.5 lx	0.54	0.37

Plaza Barrendain (Escena de luz 1)

24. GARMENDIA OTAOLA_ZONA PEATONAL 2

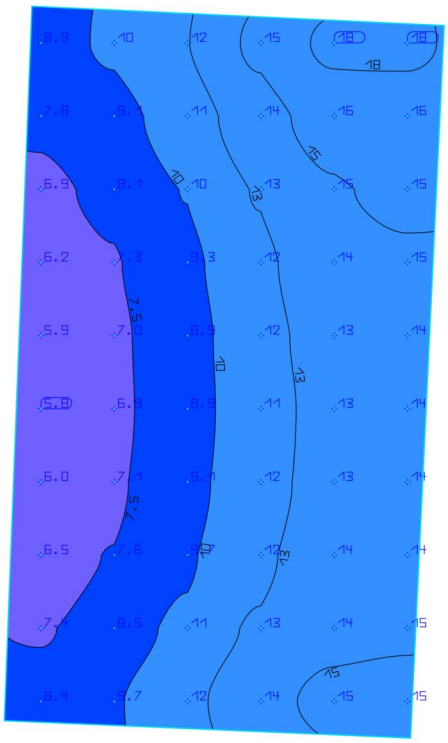


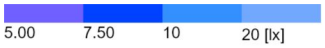


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
24. GARMENDIA OTAOLA_ZONA PEATONAL 2 Iluminancia perpendicular Altura: 0.000 m	13.7 lx	7.85 lx	23.1 lx	0.57	0.34

Plaza Barrendain (Escena de luz 1)

25. GARMENDIA OTAOLA_ZONA PEATONAL 3



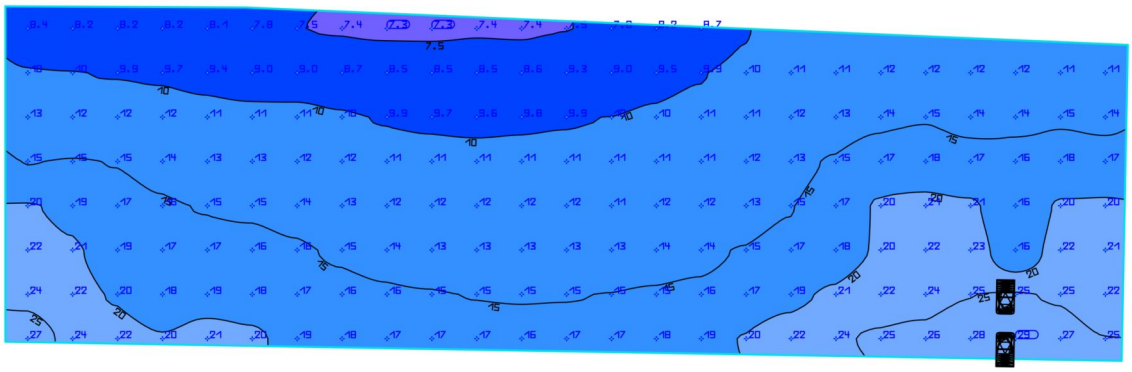


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
25. GARMENDIA OTAOLA_ZONA PEATONAL 3 Iluminancia perpendicular Altura: 0.000 m	11.3 lx	5.75 lx	17.9 lx	0.51	0.32

Plaza Barrendain (Escena de luz 1)

17. NAFARROA Z1_ZONA PEATONAL 2





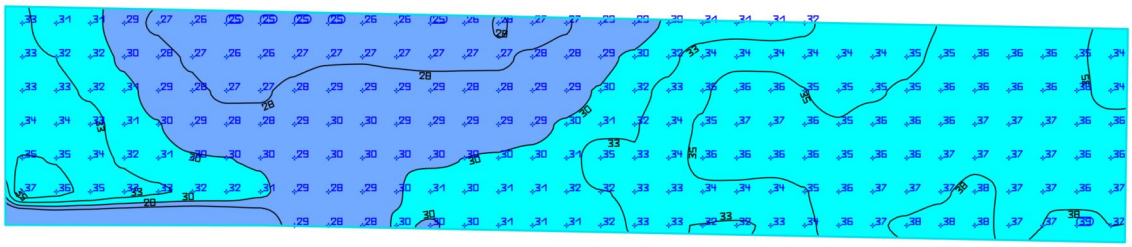


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
17. NAFARROA Z1_ZONA PEATONAL 2 Iluminancia perpendicular Altura: 0.000 m	14.8 lx	7.34 lx	28.8 lx	0.50	0.25

Plaza Barrendain (Escena de luz 1)

16. NAFARROA Z1_VIAL



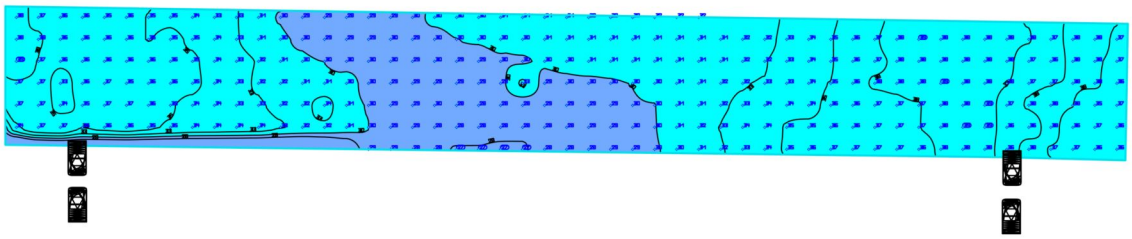




Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
16. NAFARROA Z1_VIAL Iluminancia perpendicular Altura: 0.000 m	32.1 lx	25.1 lx	39.0 lx	0.78	0.64

Plaza Barrendain (Escena de luz 1)

15. NAFARROA Z1_CARRIL BICI

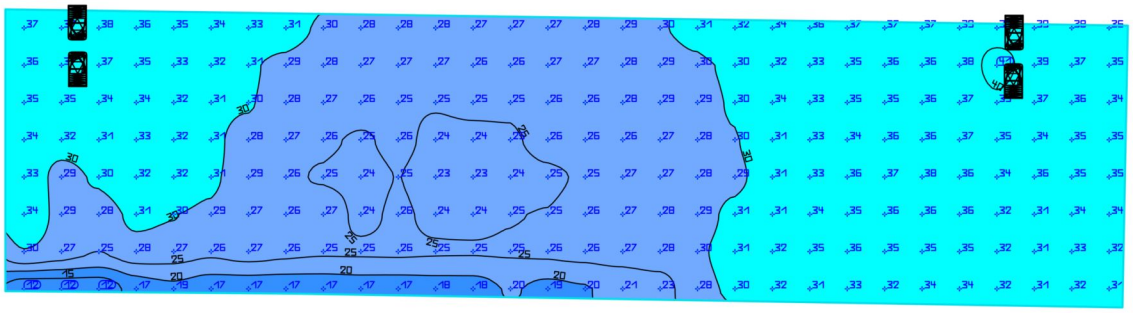


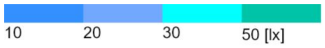


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
15. NAFARROA Z1_CARRIL BICI Iluminancia perpendicular Altura: 0.000 m	33.3 lx	27.3 lx	39.3 lx	0.82	0.69

Plaza Barrendain (Escena de luz 1)

14. NAFARROA Z1_ZONA PEATONAL 1

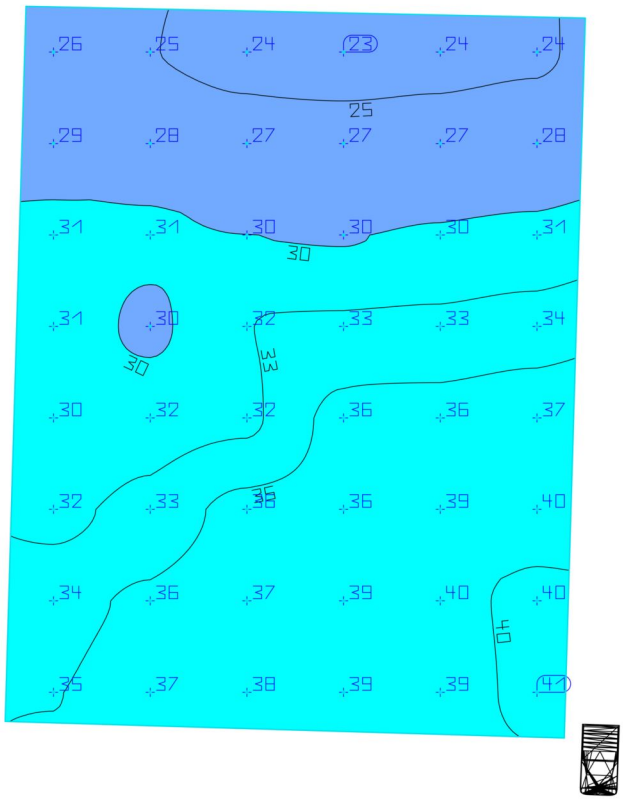




Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
14. NAFARROA Z1_ZONA PEATONAL 1 Iluminancia perpendicular Altura: -0.000 m	29.8 lx	11.8 lx	40.9 lx	0.40	0.29

(Escena de luz 1)

19. NAFARROA Z2_PASO DE PEATONES

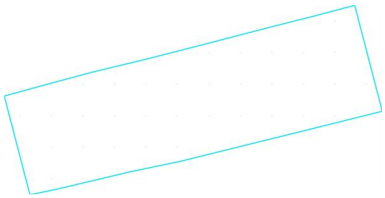


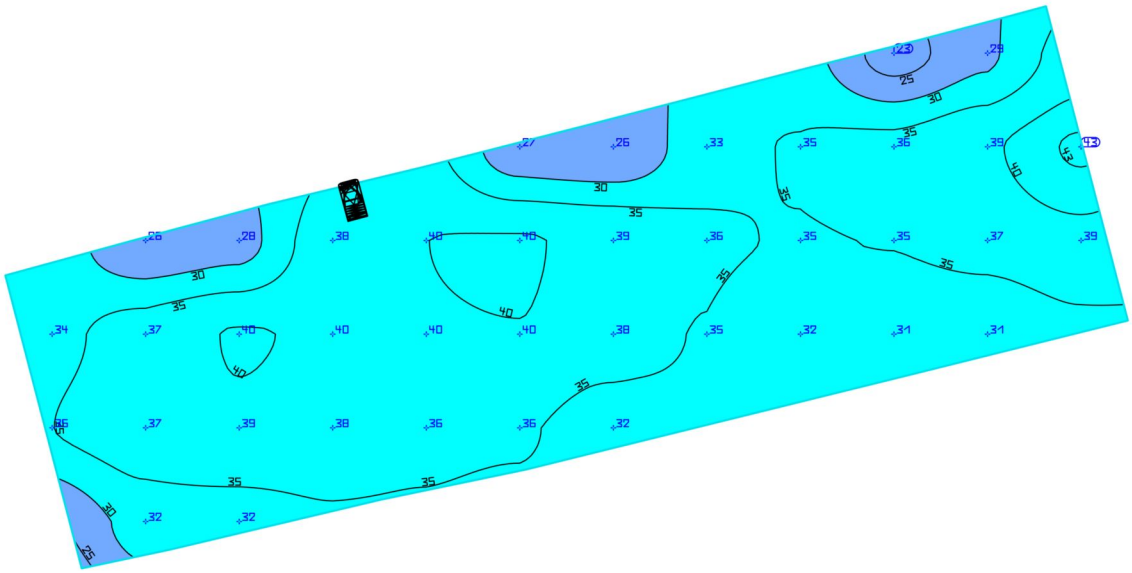


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
19. NAFARROA Z2_PASO DE PEATONES Iluminancia perpendicular Altura: 0.000 m	32.5 lx	23.5 lx	40.6 lx	0.72	0.58

(Escena de luz 1)

30. TRENBIDE Z1_VIAL



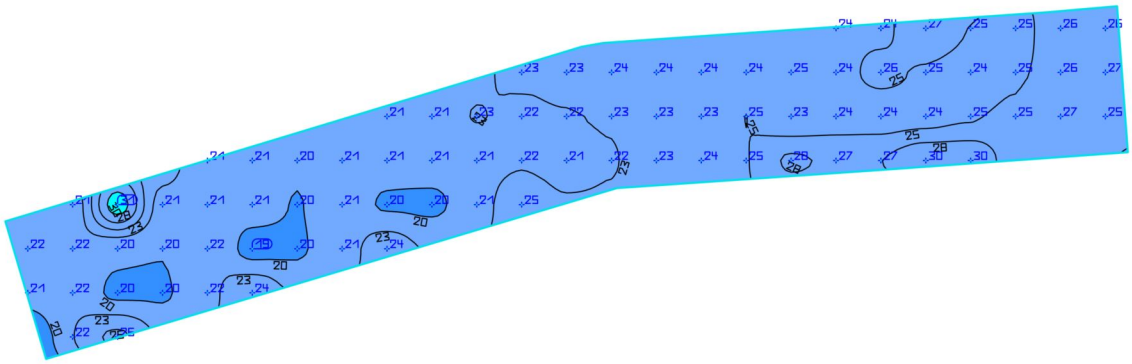


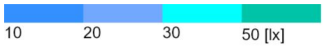
Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
30. TRENBIDE Z1_VIAL Iluminancia perpendicular Altura: 0.000 m	34.9 lx	23.0 lx	42.9 lx	0.66	0.54

(Escena de luz 1)

02. PLAZA ZONA DE PASO 2



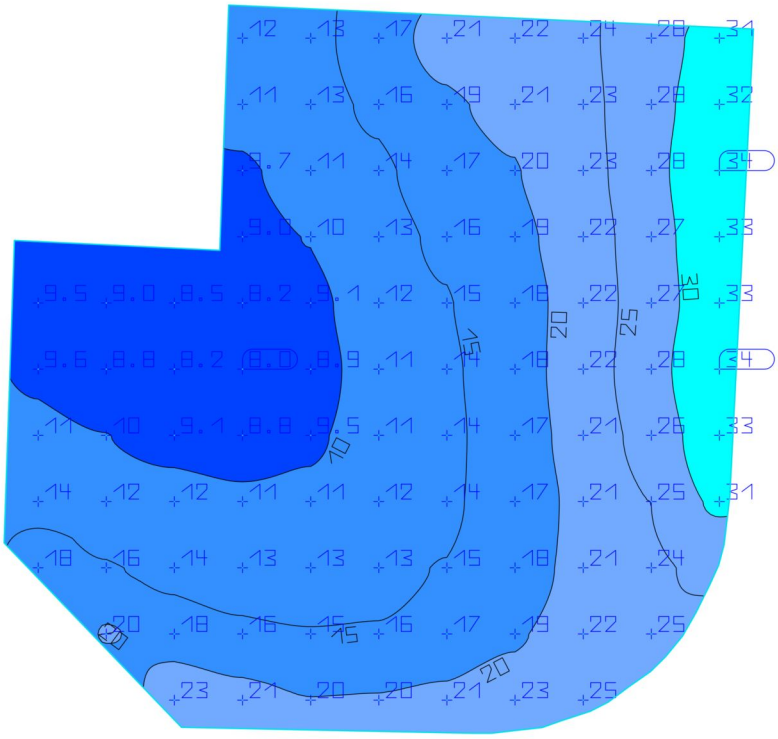




Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
02. PLAZA ZONA DE PASO 2 Iluminancia perpendicular Altura: 0.000 m	23.3 lx	19.2 lx	31.4 lx	0.82	0.61

Plaza Barrendain (Escena de luz 1)

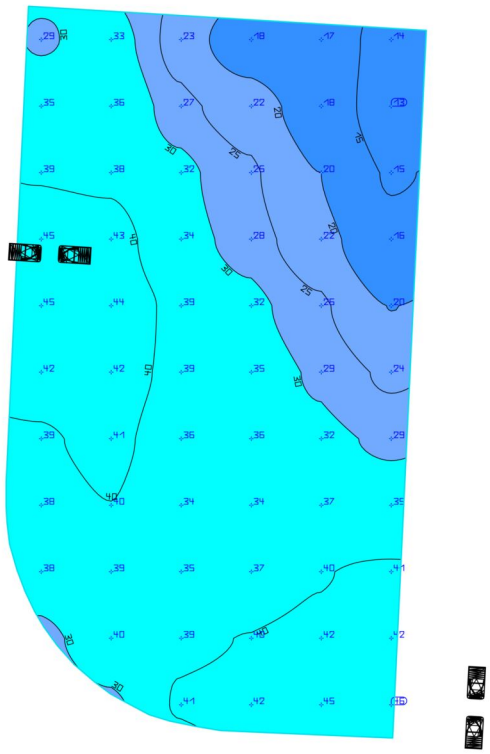
26. NAFARR-GARM OTAOLA_ZONA PEATONAL 1

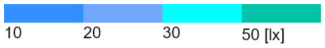


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
26. NAFARR-GARM OTAOLA_ZONA PEATONAL 1 Iluminancia perpendicular Altura: 0.000 m	17.8 lx	8.03 lx	34.5 lx	0.45	0.23

Plaza Barrendain (Escena de luz 1)

28. NAFARROA-GARM OTAOLA_ZONA PEATONAL 2

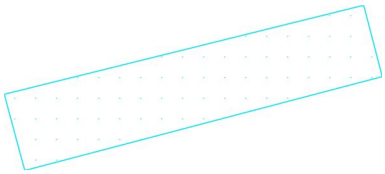


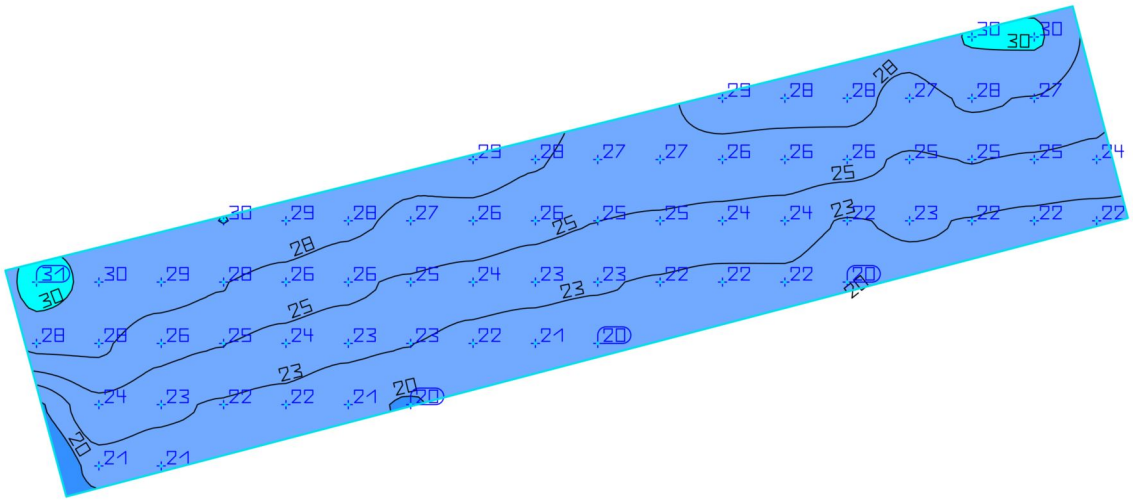


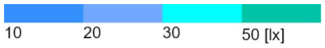
Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
28. NAFARROA-GARM OTAOLA_ZONA PEATONAL 2 Iluminancia perpendicular Altura: 0.000 m	33.3 lx	13.3 lx	45.5 lx	0.40	0.29

Plaza Barrendain (Escena de luz 1)

31. TRENBIDE Z1_ZONA ESTACIONAMIENTO



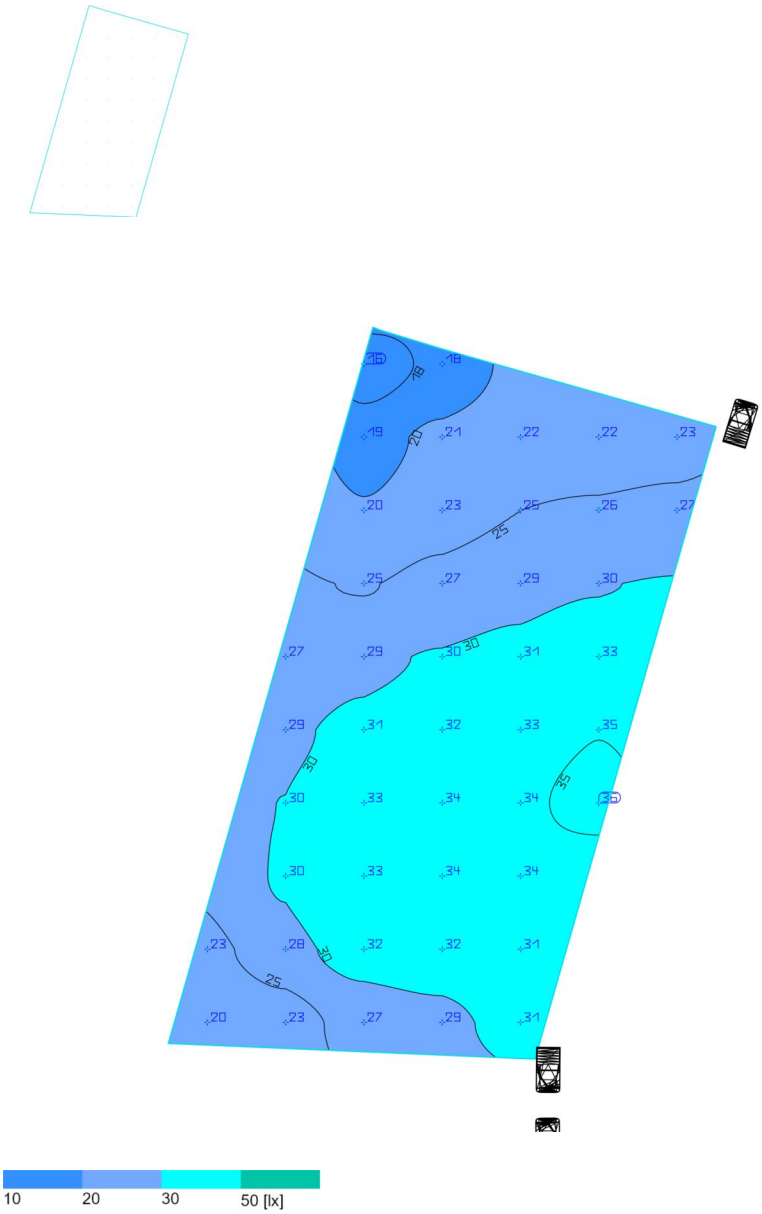




Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
31. TRENBIDE Z1_ZONA ESTACIONAMIENTO Iluminancia perpendicular Altura: 0.000 m	25.0 lx	19.8 lx	30.8 lx	0.79	0.64

(Escena de luz 1)

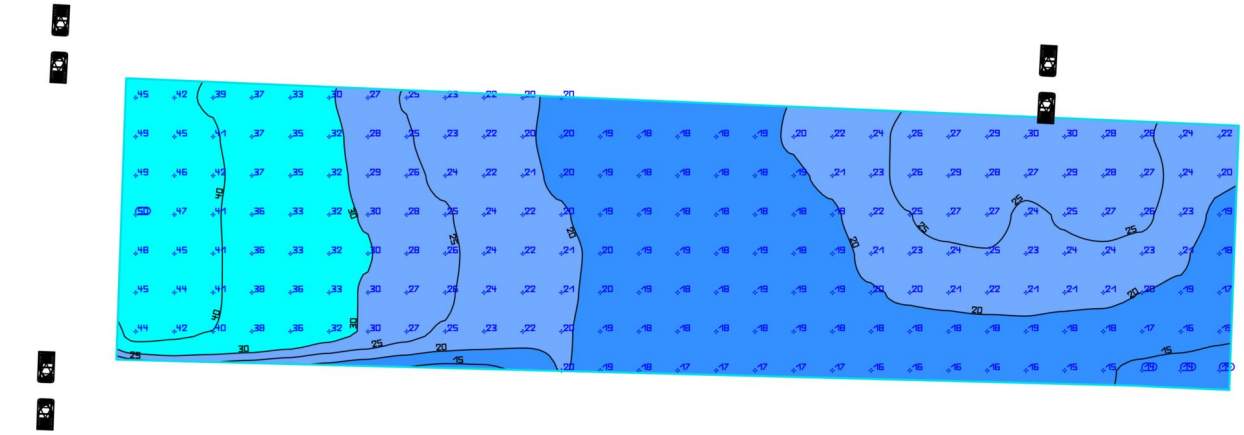
32. TRENBIDE Z2_PASO DE PEATONES

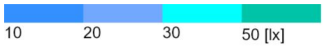


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
32. TRENBIDE Z2_PASO DE PEATONES Iluminancia perpendicular Altura: 0.000 m	27.9 lx	16.4 lx	36.1 lx	0.59	0.45

(Escena de luz 1)

20. NAFARROA Z3_VIAL

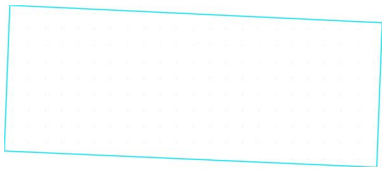


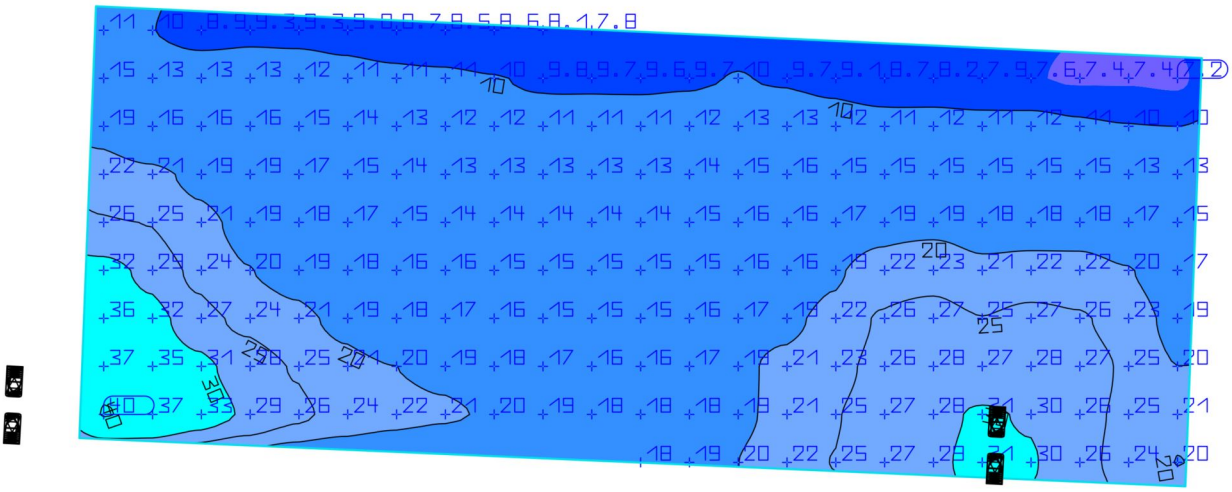


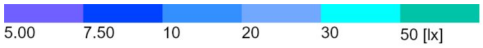
Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
20. NAFARROA Z3_VIAL Iluminancia perpendicular Altura: 0.000 m	25.1 lx	13.9 lx	49.5 lx	0.55	0.28

(Escena de luz 1)

21. NAFARROA Z3_ZONA PEATONAL



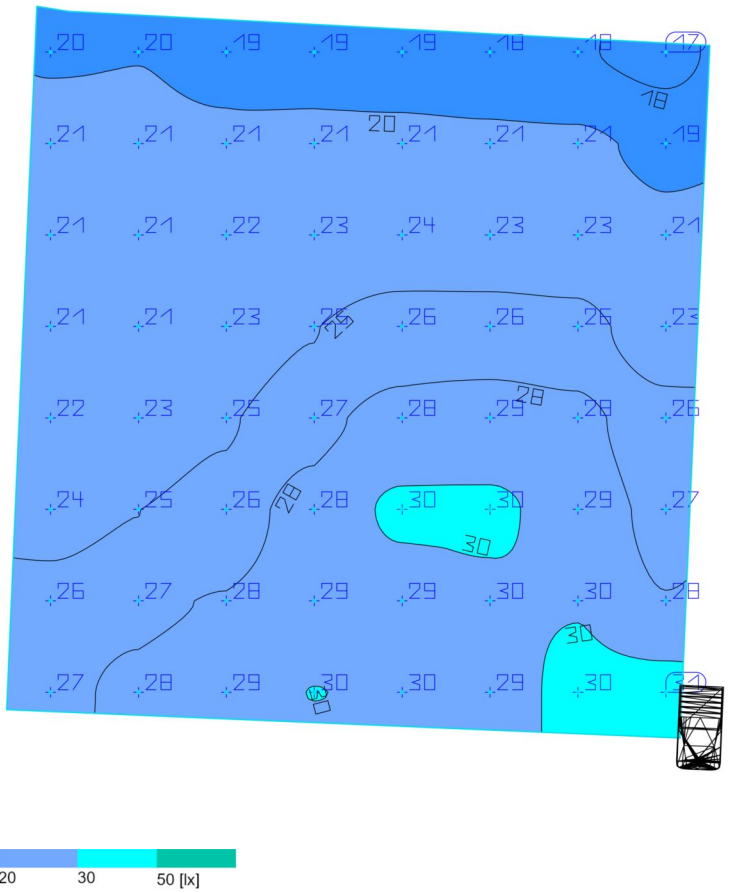




Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
21. NAFARROA Z3_ZONA PEATONAL Iluminancia perpendicular Altura: 0.000 m	18.0 lx	7.18 lx	40.3 lx	0.40	0.18

(Escena de luz 1)

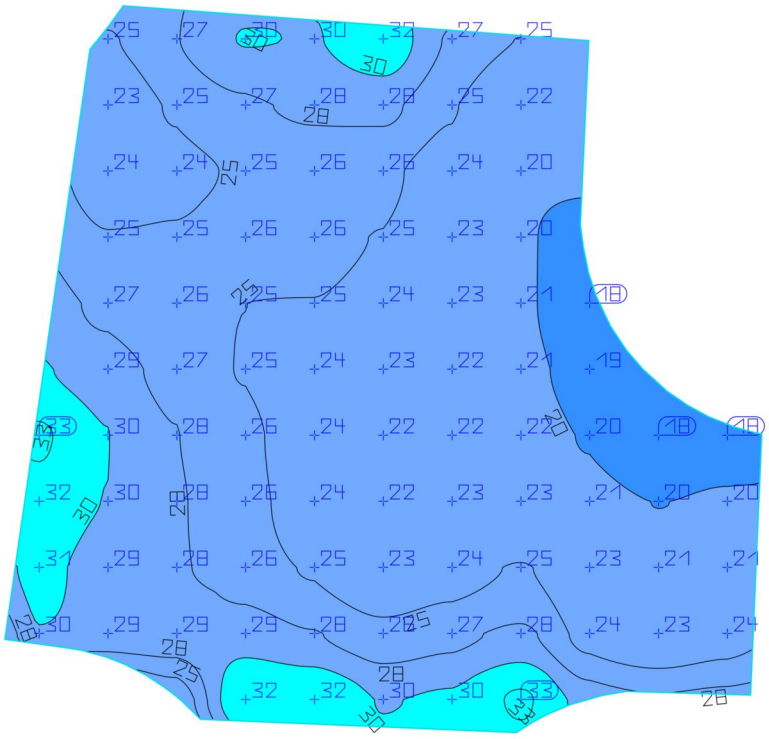
36. ORIAM-GARM_PASO DE PEATONES 2

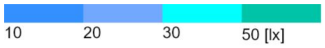


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
36. ORIAM-GARM_PASO DE PEATONES 2 Iluminancia perpendicular Altura: 0.000 m	24.6 lx	16.9 lx	30.9 lx	0.69	0.55

(Escena de luz 1)

34. ORIAM-GARM_VIAL

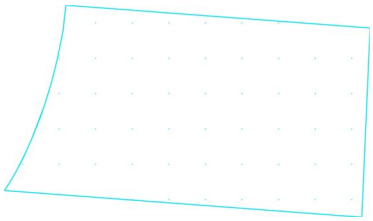


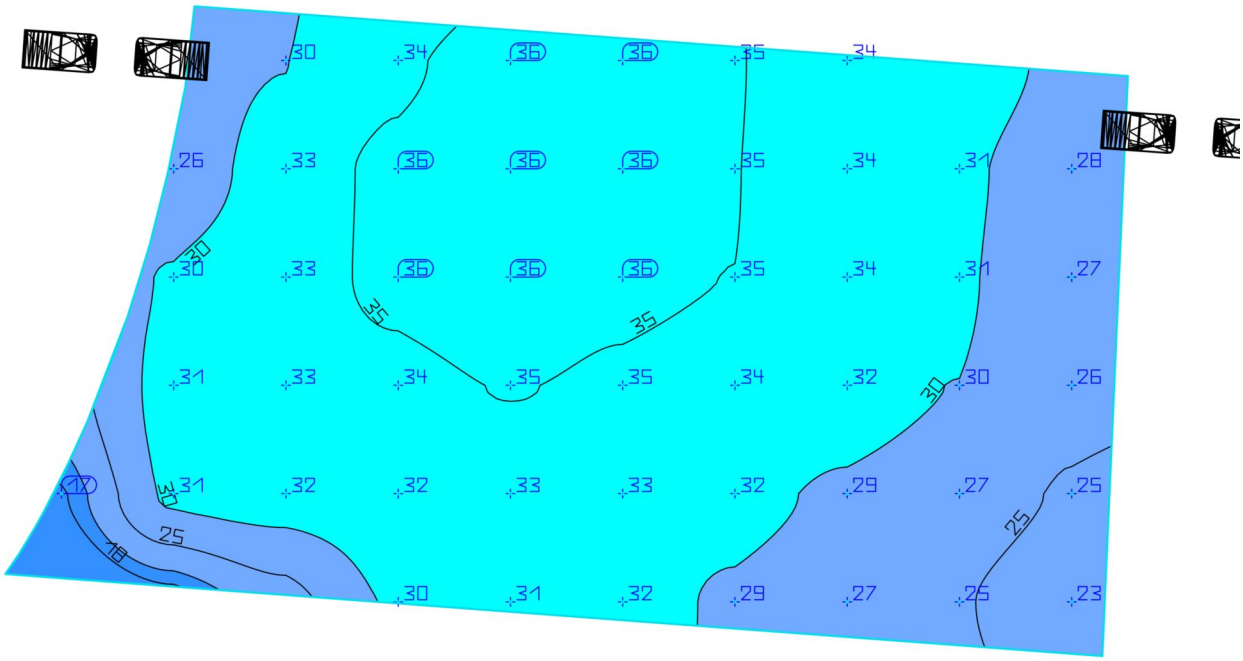


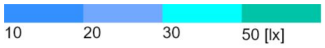
Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
34. ORIAM-GARM_VIAL Iluminancia perpendicular Altura: 0.000 m	25.3 lx	17.8 lx	32.8 lx	0.70	0.54

(Escena de luz 1)

35. ORIAM-GARM_PASO DE PEATONES 1



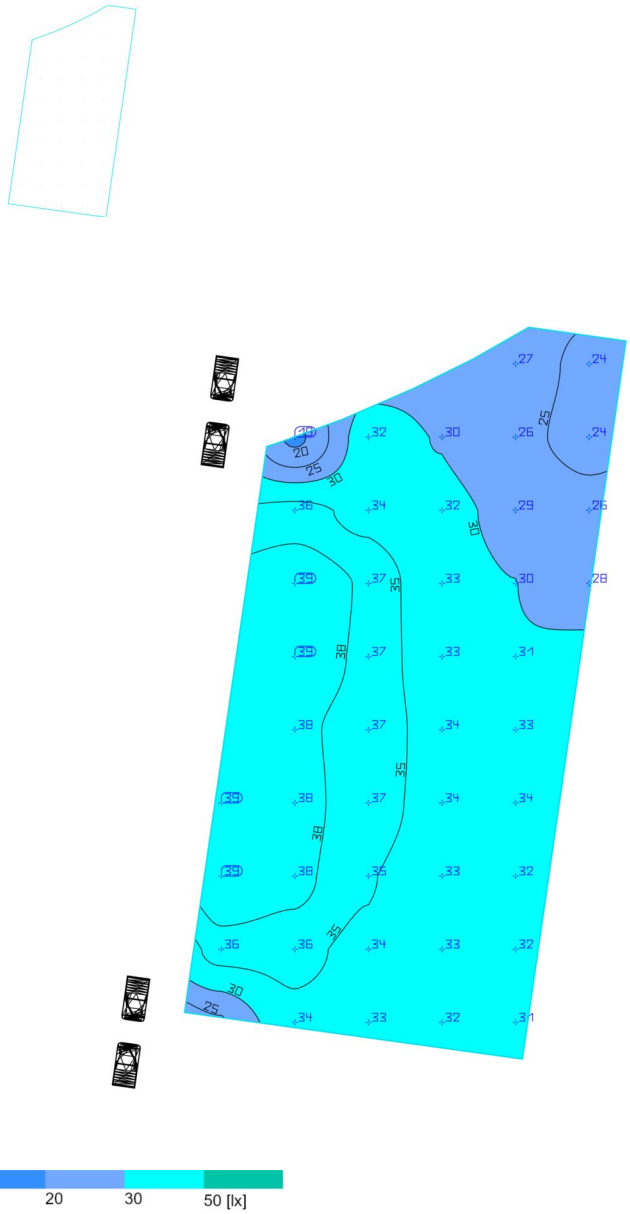




Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
35. ORIAM-GARM_PASO DE PEATONES 1 Iluminancia perpendicular Altura: 0.000 m	31.5 lx	17.0 lx	36.4 lx	0.54	0.47

(Escena de luz 1)

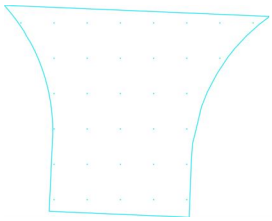
37. ORIAM-GARM_PASO DE PEATONES 3

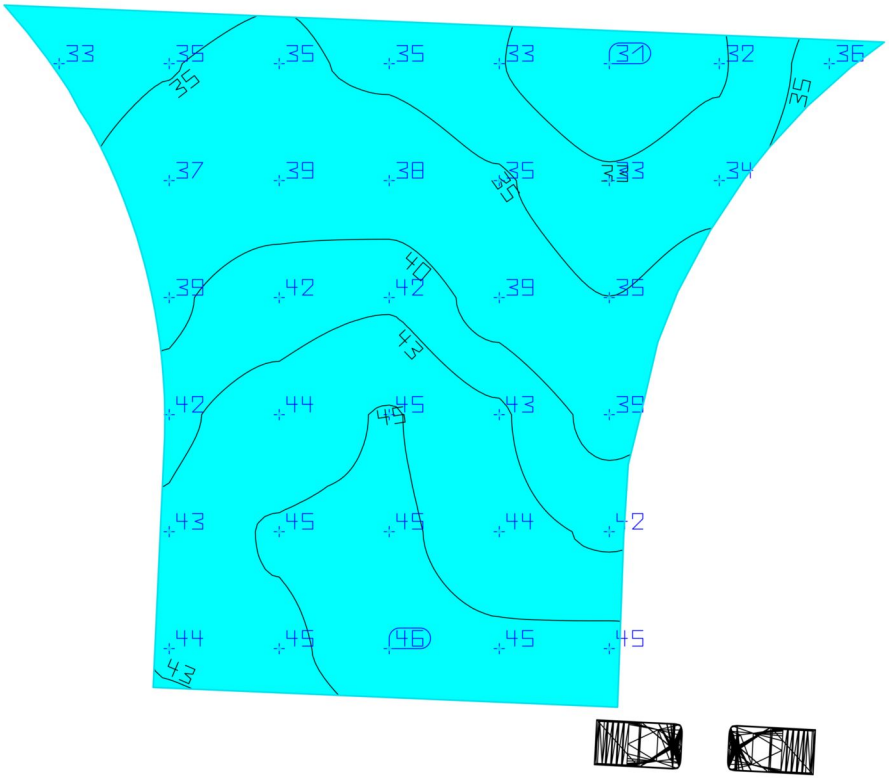


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
37. ORIAM-GARM_PASO DE PEATONES 3 Iluminancia perpendicular Altura: 0.000 m	32.9 lx	19.2 lx	39.3 lx	0.58	0.49

(Escena de luz 1)

38. ORIAM-GARM_PASO DE PEATONES 4



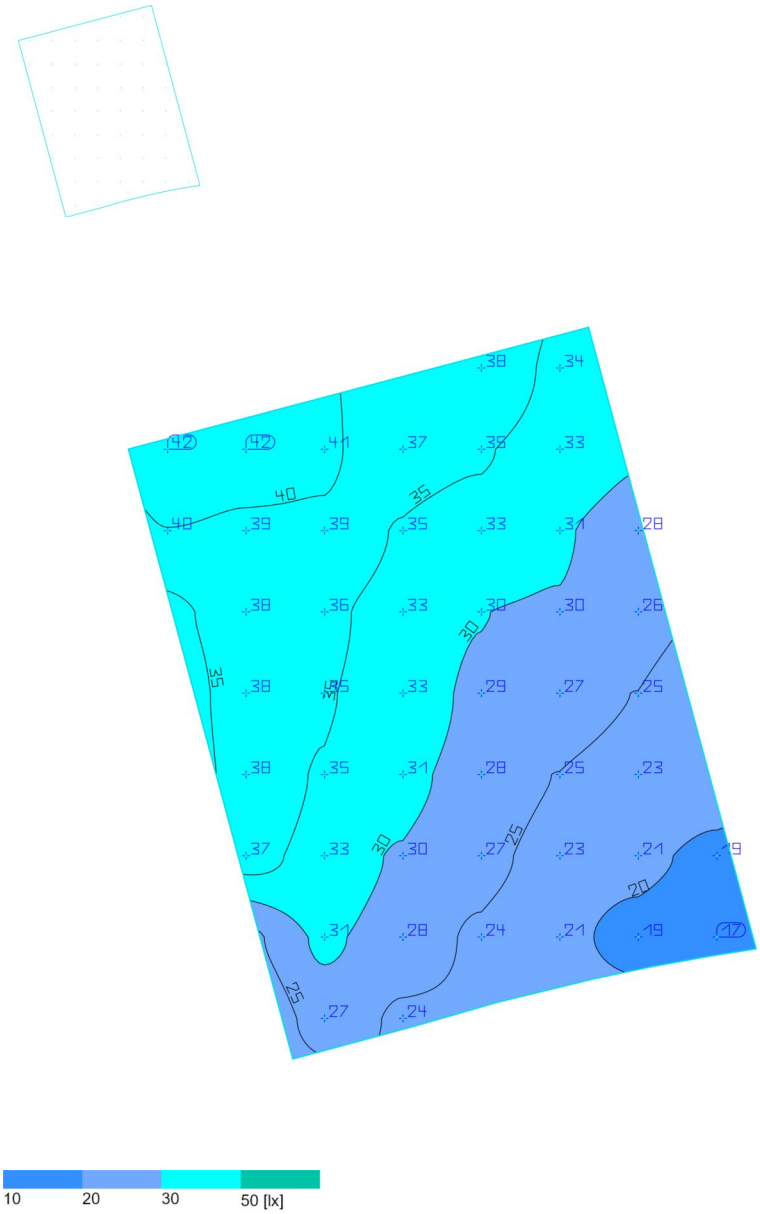




Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
38. ORIAM-GARM_PASO DE PEATONES 4 Iluminancia perpendicular Altura: 0.000 m	39.4 lx	30.8 lx	46.0 lx	0.78	0.67

(Escena de luz 1)

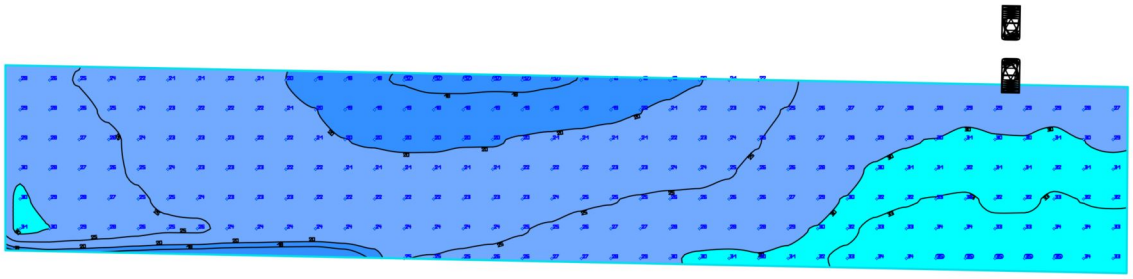
29. TRENBIDE Z1_PASO DE PEATONES

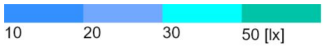


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
29. TRENBIDE Z1_PASO DE PEATONES Iluminancia perpendicular Altura: 0.000 m	31.0 lx	17.3 lx	42.0 lx	0.56	0.41

(Escena de luz 1)

18. NAFARROA Z1_CARRIL ESTACIONAM

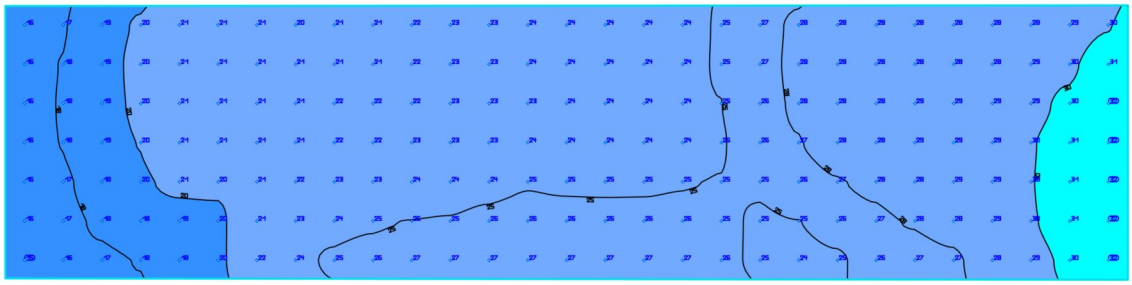


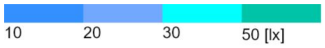


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
18. NAFARROA Z1_CARRIL ESTACIONAM Iluminancia perpendicular Altura: 0.000 m	25.6 lx	17.1 lx	34.8 lx	0.67	0.49

(Escena de luz 1)

39. NAFARROA Z2_VIAL

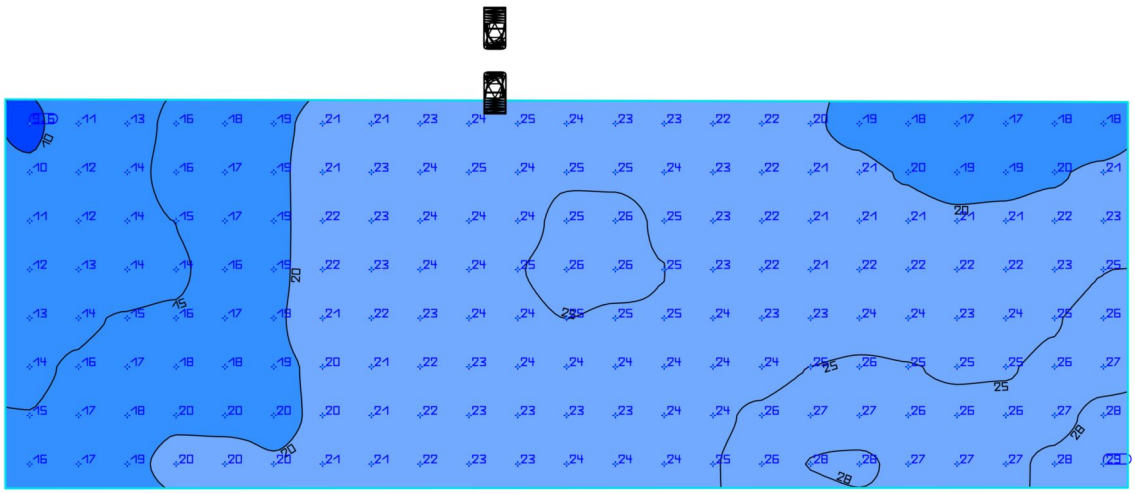


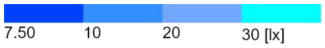


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
39. NAFARROA Z2_VIAL Iluminancia perpendicular Altura: 0.000 m	24.3 lx	15.4 lx	32.1 lx	0.63	0.48

(Escena de luz 1)

27. NAFARROA Z2_APARCAMIENTO

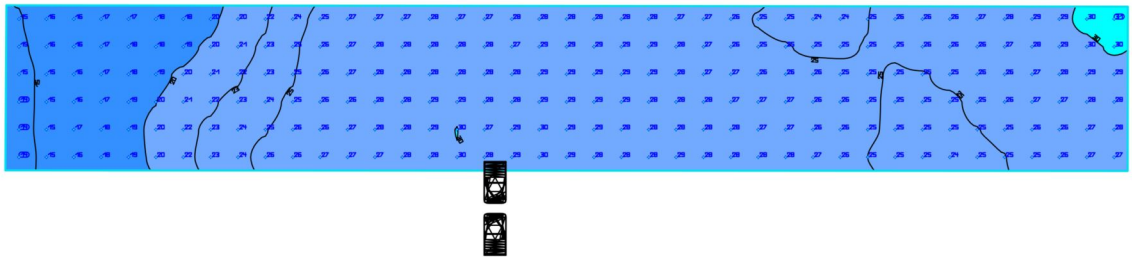


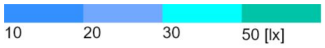


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
27. NAFARROA Z2_APARCAMIENTO Iluminancia perpendicular Altura: 0.000 m	21.4 lx	9.64 lx	28.9 lx	0.45	0.33

(Escena de luz 1)

33. NAFARROA Z2_CARRIL BICI

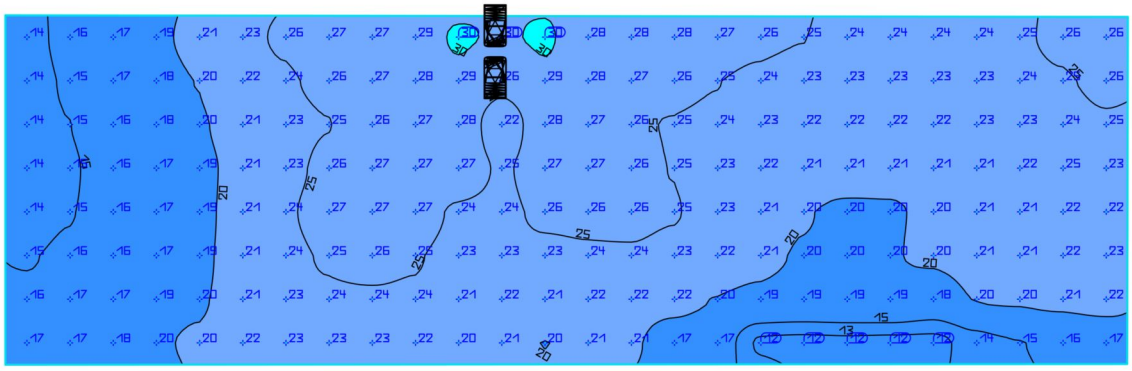


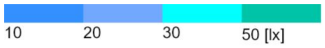


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
33. NAFARROA Z2_CARRIL BICI Iluminancia perpendicular Altura: 0.000 m	25.1 lx	14.3 lx	31.1 lx	0.57	0.46

(Escena de luz 1)

41. NAFARROA Z2_ZONA PEATONAL 1

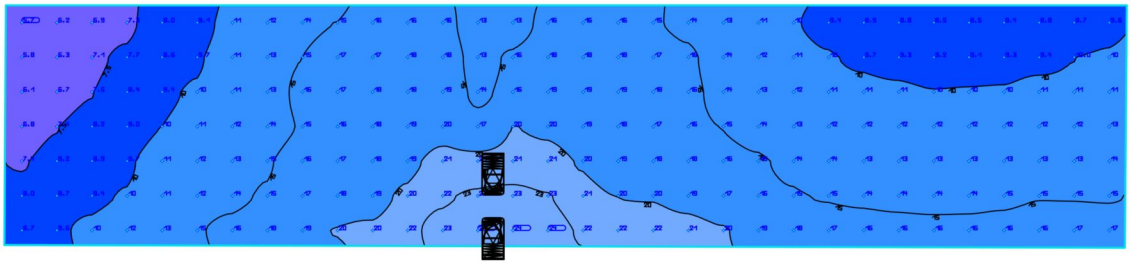




Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
41. NAFARROA Z2_ZONA PEATONAL 1 Iluminancia perpendicular Altura: 0.000 m	21.9 lx	11.8 lx	30.3 lx	0.54	0.39

(Escena de luz 1)

42. NAFARROA Z2_ZONA PEATONAL 2

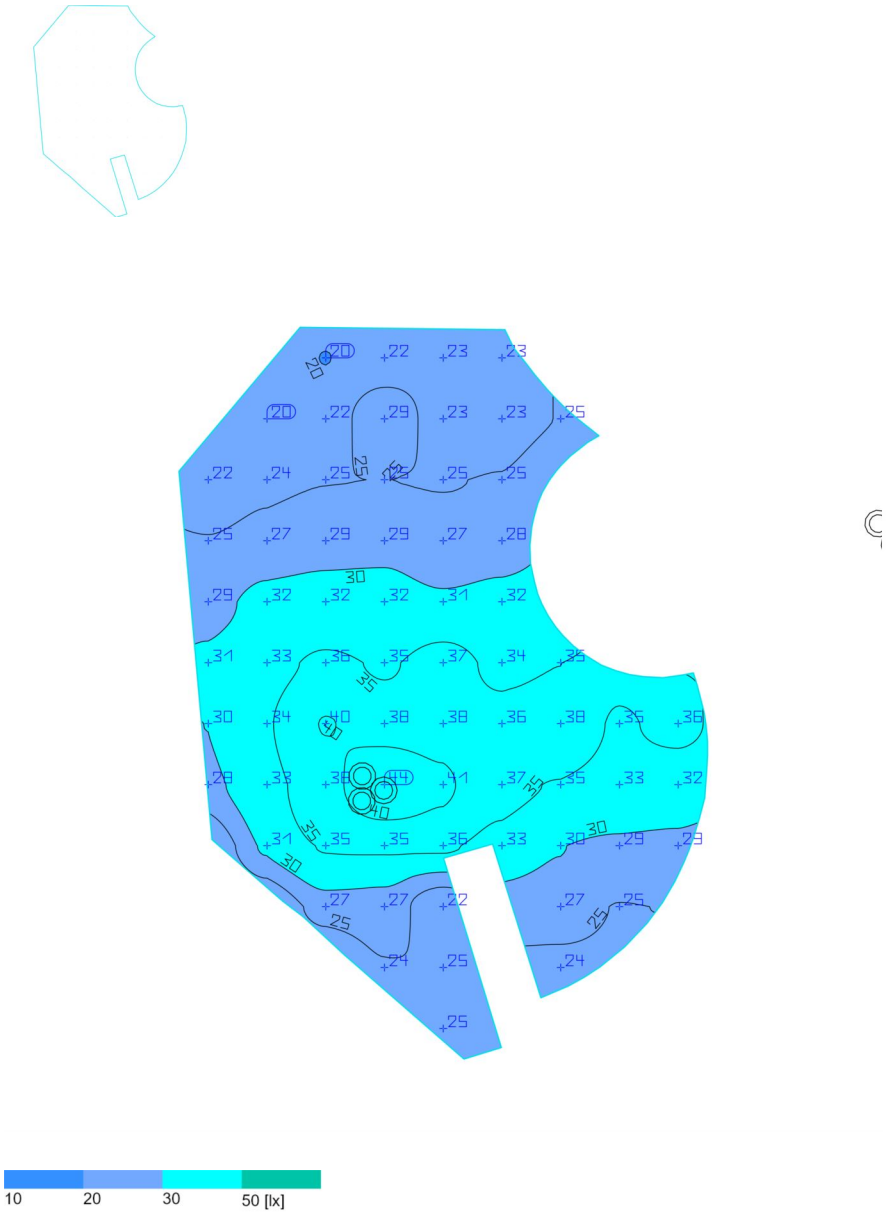




Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
42. NAFARROA Z2_ZONA PEATONAL 2 Iluminancia perpendicular Altura: 0.000 m	14.2 lx	5.71 lx	24.4 lx	0.40	0.23

Plaza Barrendain (Escena de luz 1)

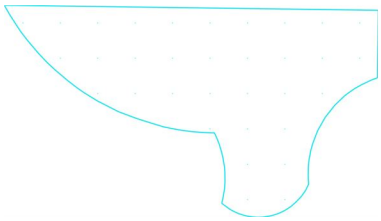
07. PLAZA ZONA 3

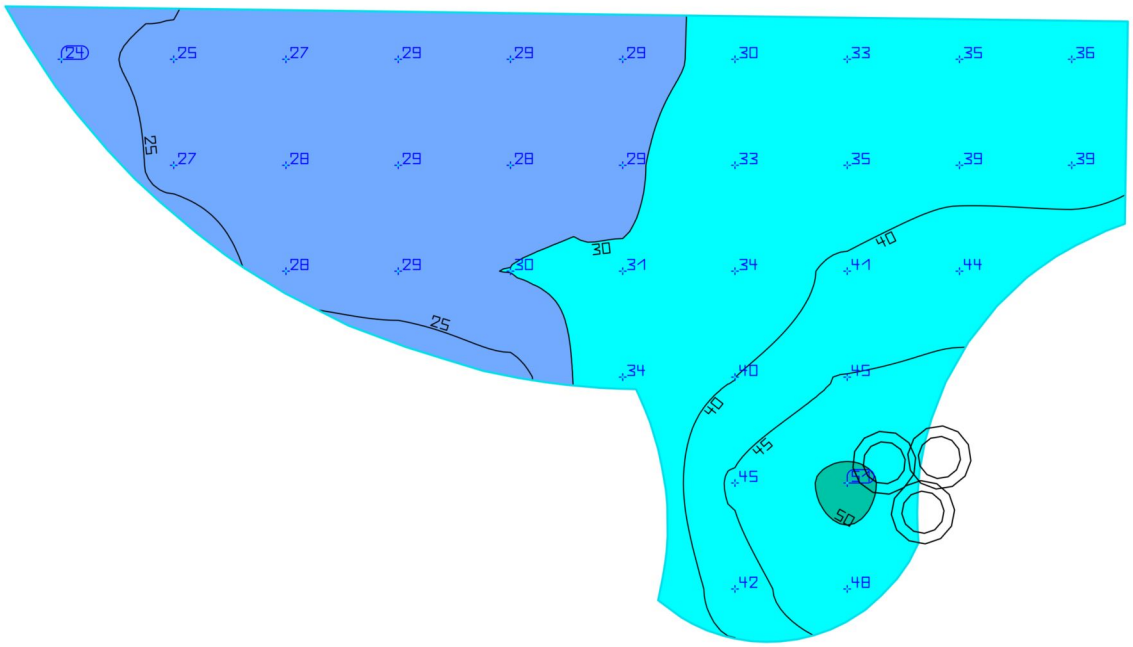


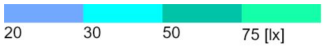
Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
07. PLAZA ZONA 3 Iluminancia perpendicular Altura: 0.000 m	30.0 lx	20.0 lx	44.4 lx	0.67	0.45

Plaza Barrendain (Escena de luz 1)

09. PLAZA ZONA 5



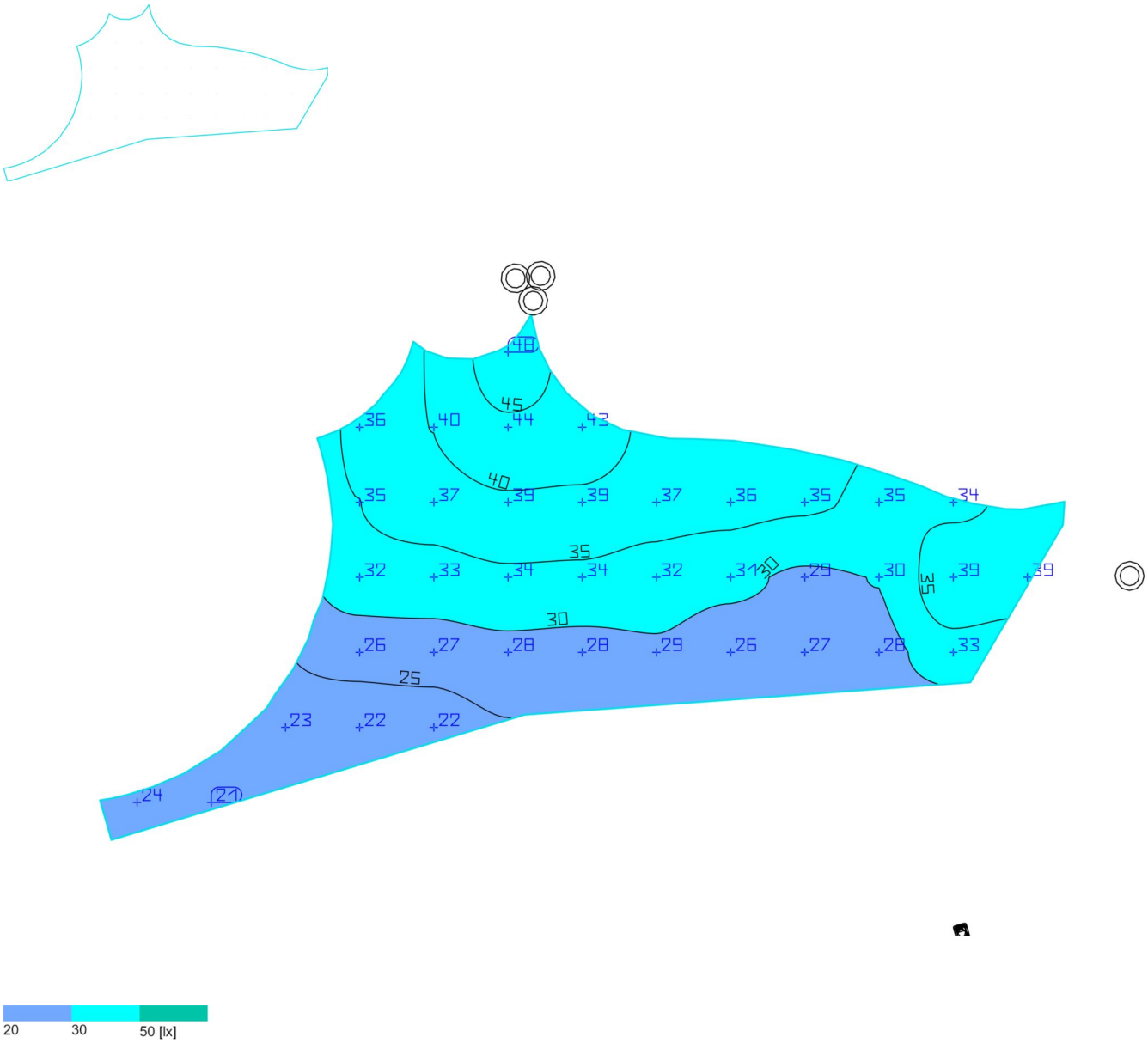




Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
09. PLAZA ZONA 5 Iluminancia perpendicular Altura: 0.000 m	34.1 lx	23.9 lx	50.6 lx	0.70	0.47

Plaza Barrendain (Escena de luz 1)

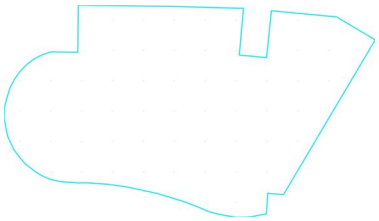
08. PLAZA ZONA 4

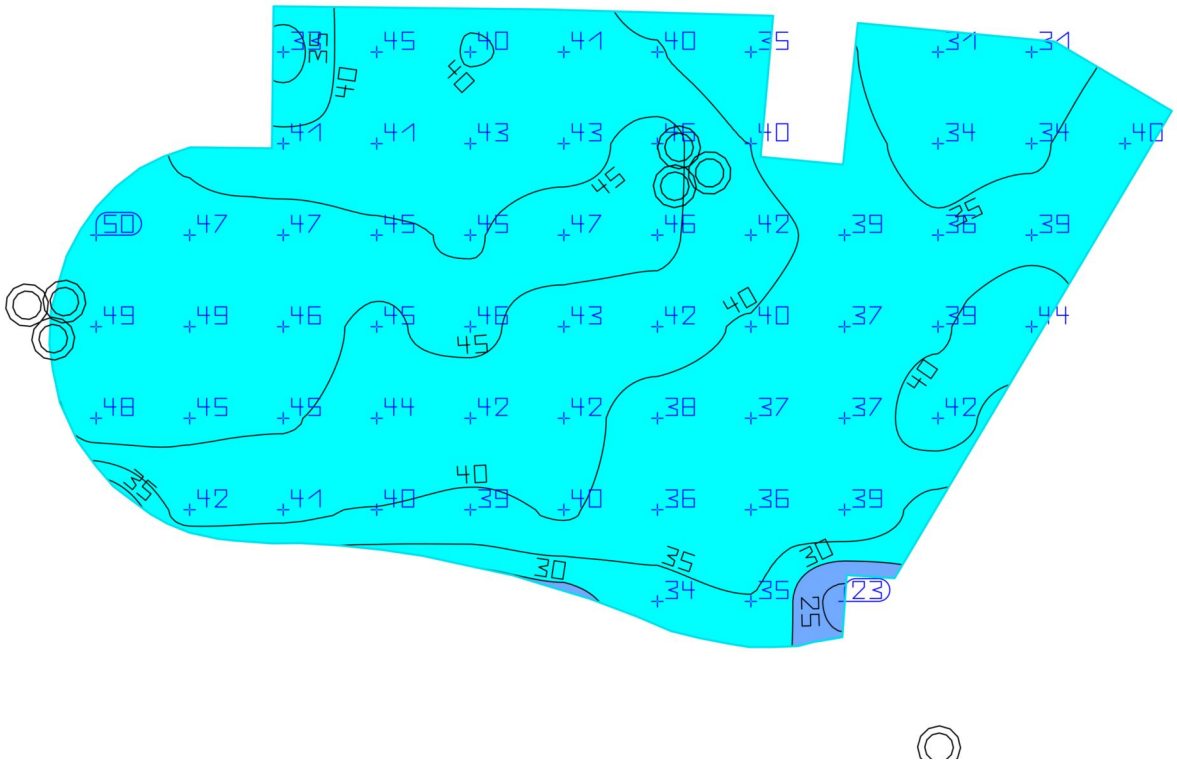


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
08. PLAZA ZONA 4 Iluminancia perpendicular Altura: -0.000 m	32.5 lx	21.4 lx	47.6 lx	0.66	0.45

Plaza Barrendain (Escena de luz 1)

10. PLAZA ZONA 6



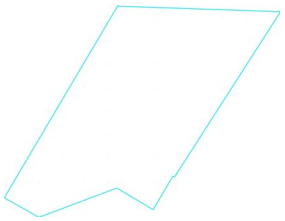


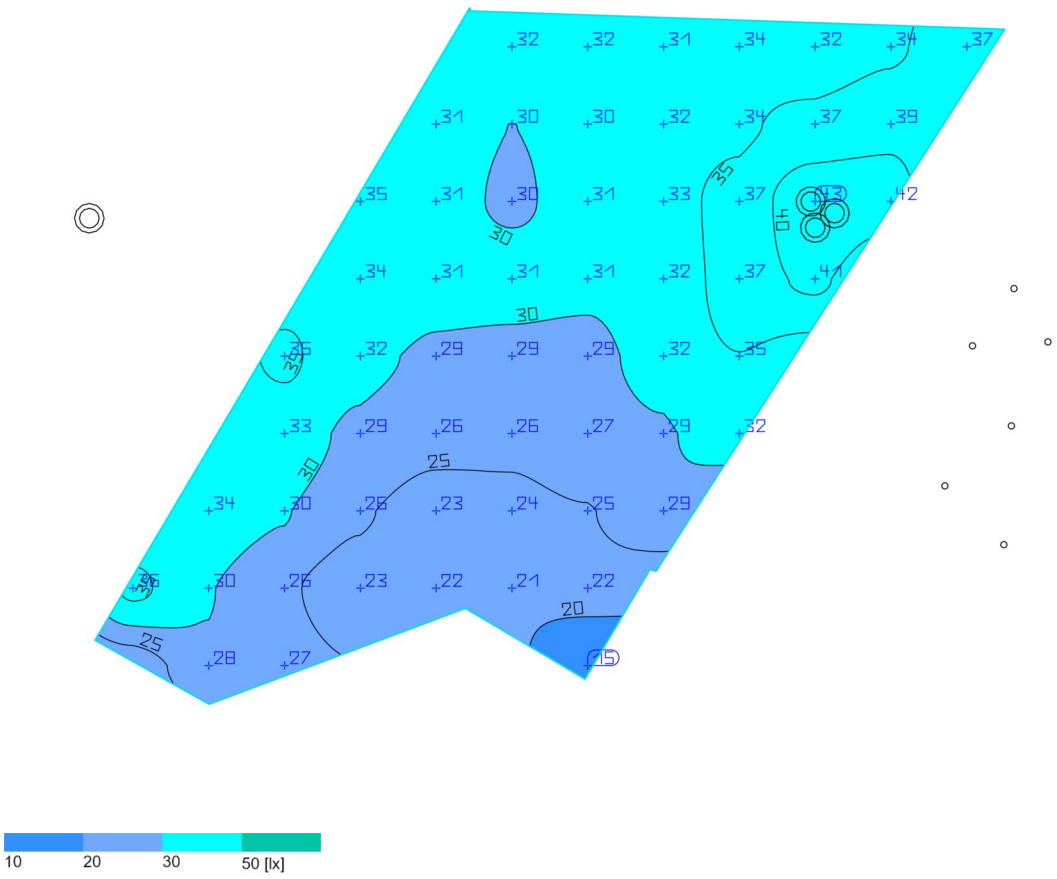


Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
10. PLAZA ZONA 6 Iluminancia perpendicular Altura: 0.000 m	40.8 lx	23.4 lx	49.7 lx	0.57	0.47

Plaza Barrendain (Escena de luz 1)

11. PLAZA ZONA 7





Propiedades	Ē	$E_{mín}$	$E_{máx}$	U_o (g_1)	g_2
11. PLAZA ZONA 7 Iluminancia perpendicular Altura: -0.020 m	30.8 lx	15.1 lx	43.0 lx	0.49	0.35