

FOCUS-LIGHTING

Kiel - Ricarda-Huch-Schule

Blue

Luminaire: 3x 8836-830 Turn Spot 38°

Profile: 2500lm

Pole: 5,5m

Placement: 3,8m; 4,5m; 5m

Red

Luminaire: 2x 8920-830 Turn Street Halo T3

Profile: 2000lm

Pole: 5,5m

Placement: 3,5m; 3,8m;

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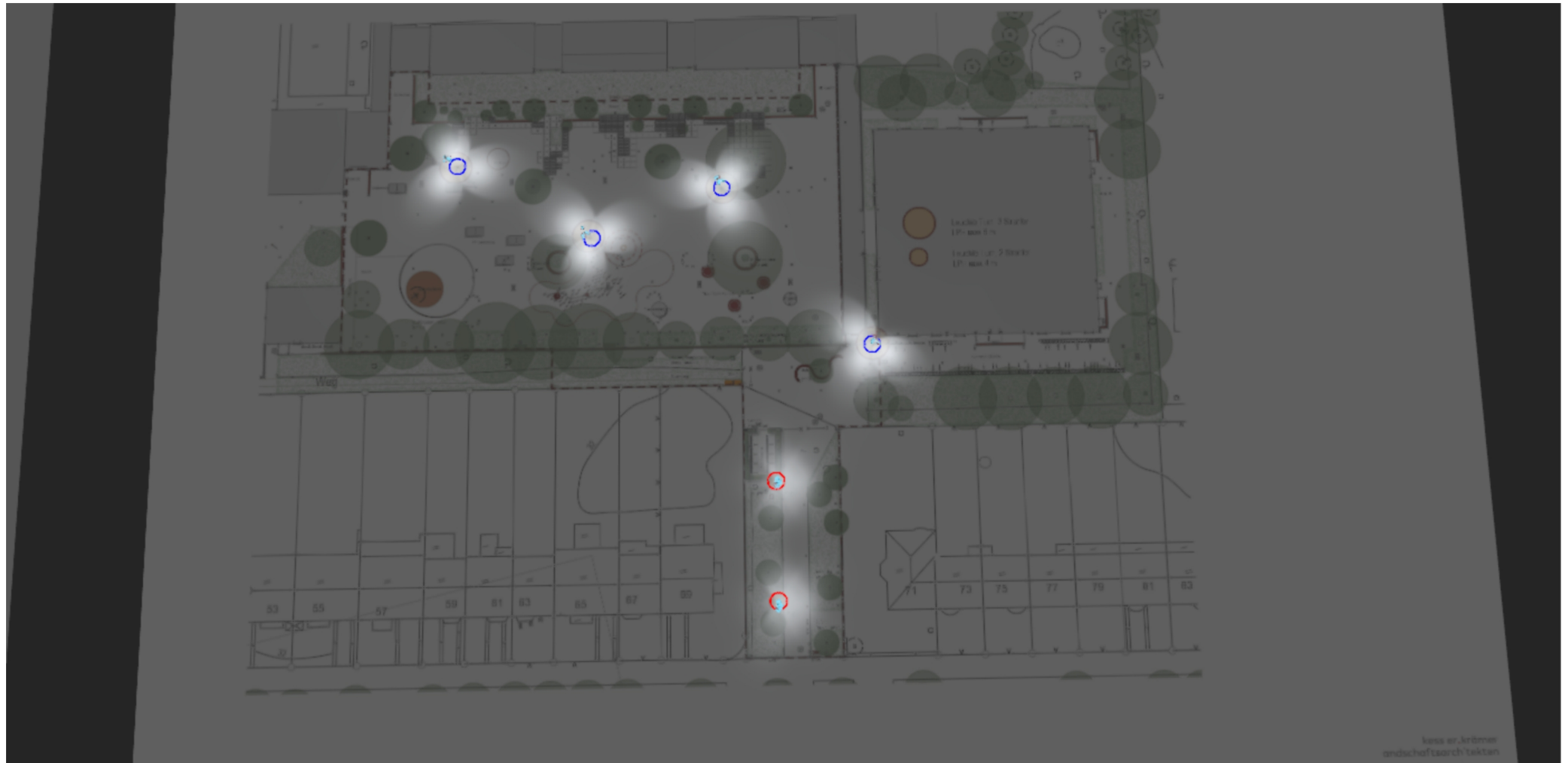
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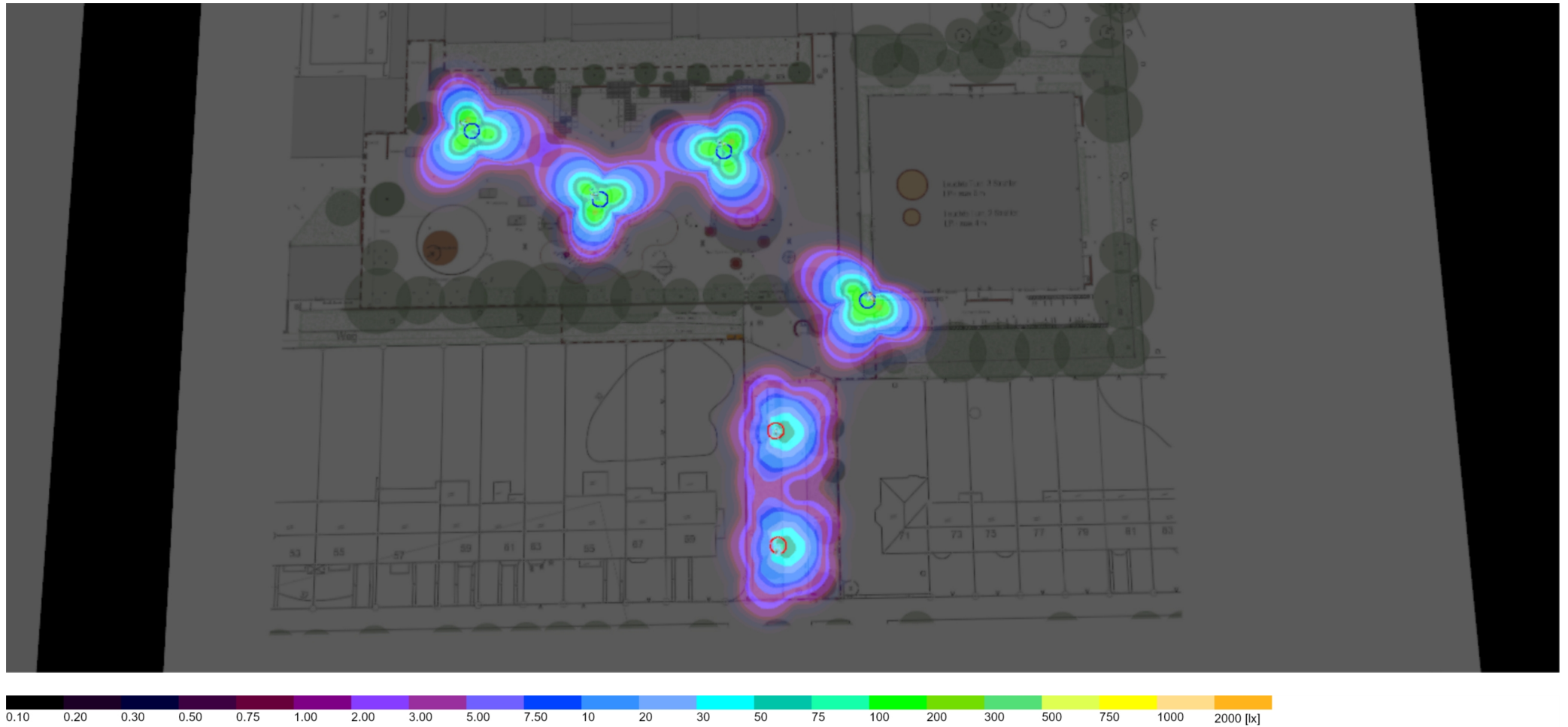
Images



Images



Images

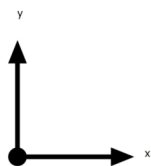


Site 1

Luminaire layout plan

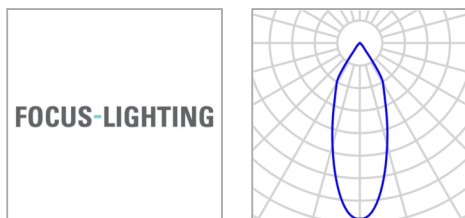


Standort: Ricarda-Huch-Schule Kiel
Lageplan: 2019
Maßstab: 1:500
Datum: 11.02.2019
Bearbeiter: [Name]



Site 1

Luminaire layout plan



Manufacturer	FOCUS LIGHTING	P	23.9 W
Article name	8836-830_Turn_Spot_38deg	$\Phi_{\text{Luminaire}}$	2770 lm
Fitting	1x V18_30E4000-C-93_900mA		

3 x FOCUS LIGHTING 8836-830_Turn_Spot_38deg

Type	Circle Arrangement	X	Y	Mounting height	Luminaire
1st luminaire (X/Y/Z)	150.833 m / 140.541 m / 3.800 m	150.608 m	140.889 m	4.500 m	10
Arrangement	A1	151.022 m	140.910 m	5.000 m	11
		150.833 m	140.541 m	3.800 m	12

3 x FOCUS LIGHTING 8836-830_Turn_Spot_38deg

Type	Circle Arrangement	X	Y	Mounting height	Luminaire
1st luminaire (X/Y/Z)	127.327 m / 166.212 m / 3.800 m	126.914 m	166.248 m	5.000 m	4
Arrangement	A2	127.152 m	166.588 m	4.500 m	5
		127.327 m	166.212 m	3.800 m	6

3 x FOCUS LIGHTING 8836-830_Turn_Spot_38deg

Site 1

Luminaire layout plan

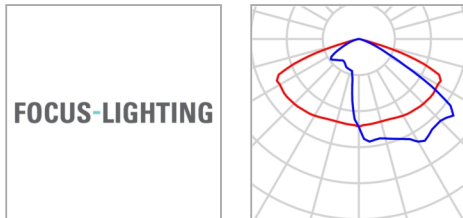
Type	Circle Arrangement	X	Y	Mounting height	Luminaire
1st luminaire (X/Y/Z)	105.915 m / 158.376 m / 3.800 m	106.300 m	158.531 m	5.000 m	7
Arrangement	A5	106.242 m	158.121 m	4.500 m	8
		105.915 m	158.376 m	3.800 m	9

3 x FOCUS LIGHTING 8836-830_Turn_Spot_38deg

Type	Circle Arrangement	X	Y	Mounting height	Luminaire
1st luminaire (X/Y/Z)	84.916 m / 170.641 m / 3.800 m	84.672 m	170.306 m	5.000 m	1
Arrangement	A6	84.503 m	170.685 m	4.500 m	2
		84.916 m	170.641 m	3.800 m	3

Site 1

Luminaire layout plan



Manufacturer	FOCUS LIGHTING	P	17.6 W
Article name	8920-830_Turn_Street_Halo_T3	$\Phi_{\text{Luminaire}}$	1717 lm
Fitting	1x 2x4/830 EXC2 OTD_T3_846mA		

2 x FOCUS LIGHTING 8920-830_Turn_Street_Halo_T3

Type	Circle Arrangement	X	Y	Mounting height	Luminaire
1st luminaire (X/Y/Z)	135.174 m / 100.886 m / 3.800 m	135.174 m	101.169 m	3.500 m	15
Arrangement	A3	135.174 m	100.886 m	3.800 m	16

2 x FOCUS LIGHTING 8920-830_Turn_Street_Halo_T3

Type	Circle Arrangement	X	Y	Mounting height	Luminaire
1st luminaire (X/Y/Z)	135.260 m / 119.215 m / 3.800 m	135.260 m	119.497 m	3.500 m	13
Arrangement	A4	135.260 m	119.215 m	3.800 m	14

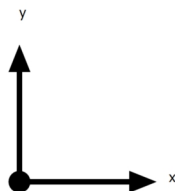
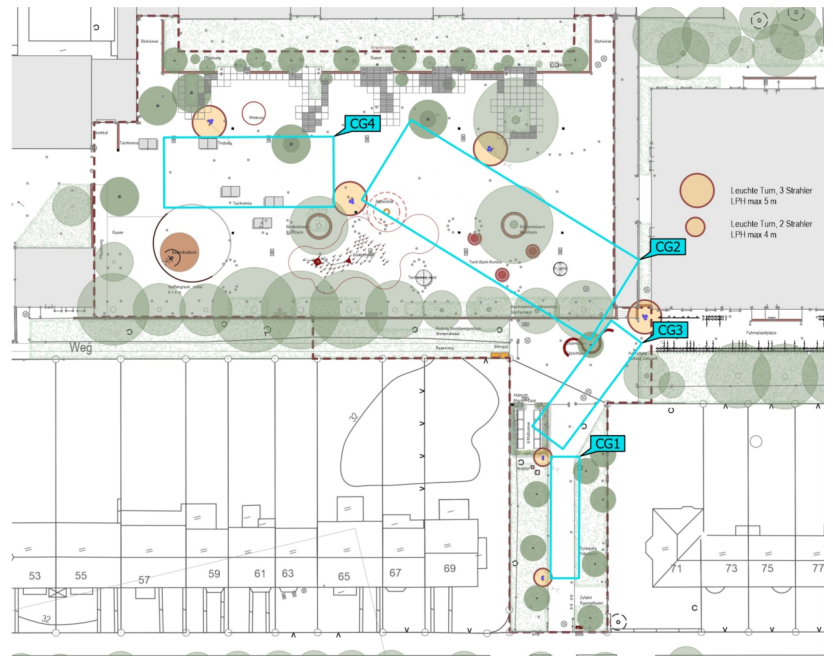
Site 1

Luminaire list

Φ_{total} 40108 lm	P_{total} 357.2 W	Luminous efficacy 112.3 lm/W
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pcs.	Manufacturer	Article No.	Article name	P	Φ	Luminous efficacy
12	FOCUS LIGHTING		8836-830_Turn_Spot_38deg	23.9 W	2770 lm	116.0 lm/W
4	FOCUS LIGHTING		8920-830_Turn_Street_Halo_T3	17.6 W	1717 lm	97.6 lm/W

Site 1 (Light scene 1)

Calculation objects

Site 1 (Light scene 1)

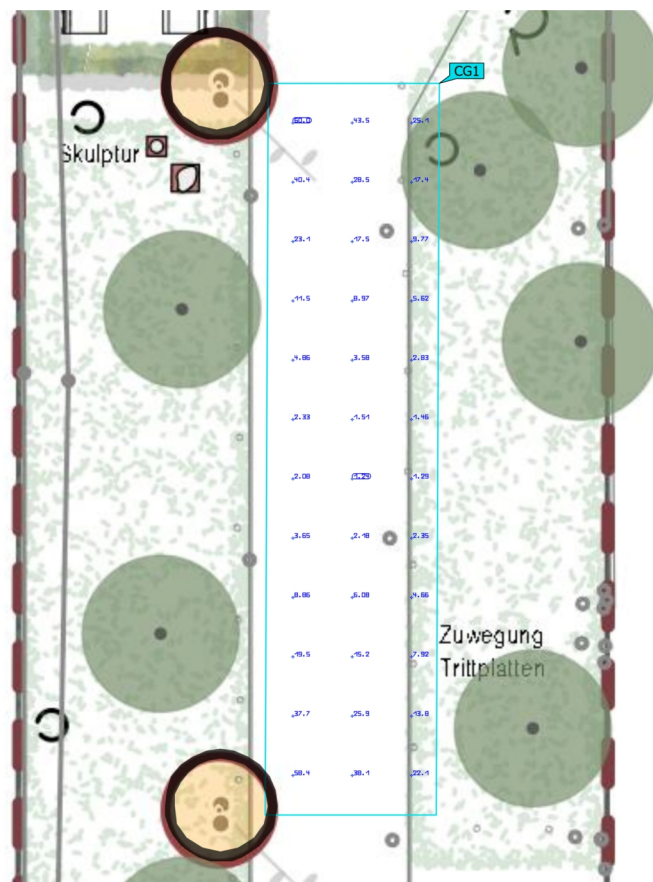
Calculation objects

Calculation surfaces

Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Calculation surface 1 Perpendicular illuminance Height: 0.000 m	16.1 lx	1.24 lx	60.0 lx	0.077	0.021	CG1
Calculation surface 3 Perpendicular illuminance Height: 0.000 m	6.47 lx	0.066 lx	140 lx	0.010	0.000	CG2
Calculation surface 5 Perpendicular illuminance Height: 0.000 m	8.88 lx	0.32 lx	64.6 lx	0.036	0.005	CG3
Calculation surface 6 Perpendicular illuminance Height: 0.000 m	9.30 lx	0.093 lx	97.2 lx	0.010	0.001	CG4

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

(Light scene 1)

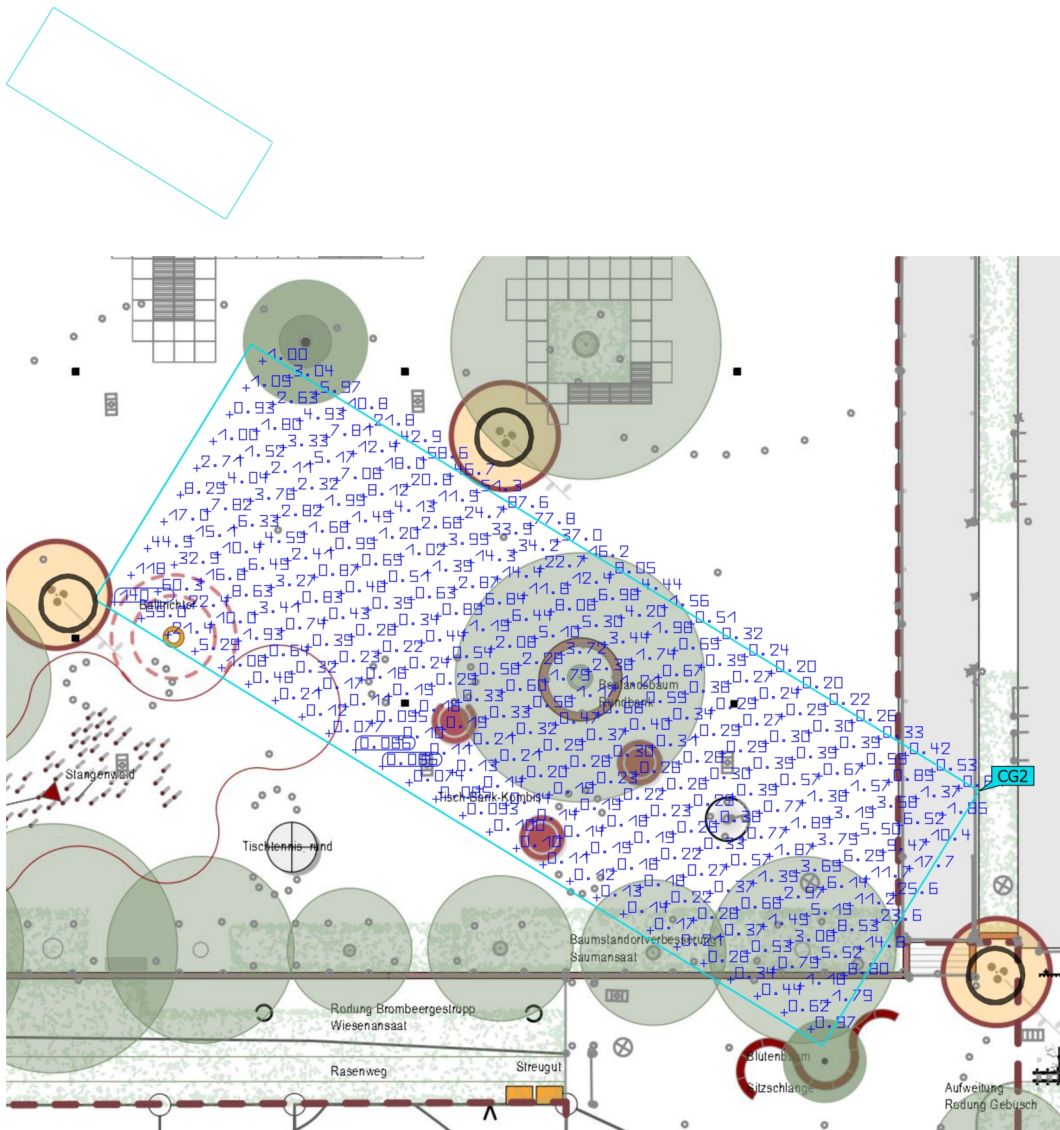
Calculation surface 1

Properties	$\bar{E}$	E_{min}	E_{max}	$U_0 (g_1)$	g_2	Index
Calculation surface 1	16.1 lx	1.24 lx	60.0 lx	0.077	0.021	CG1
Perpendicular illuminance						
Height: 0.000 m						

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

(Light scene 1)

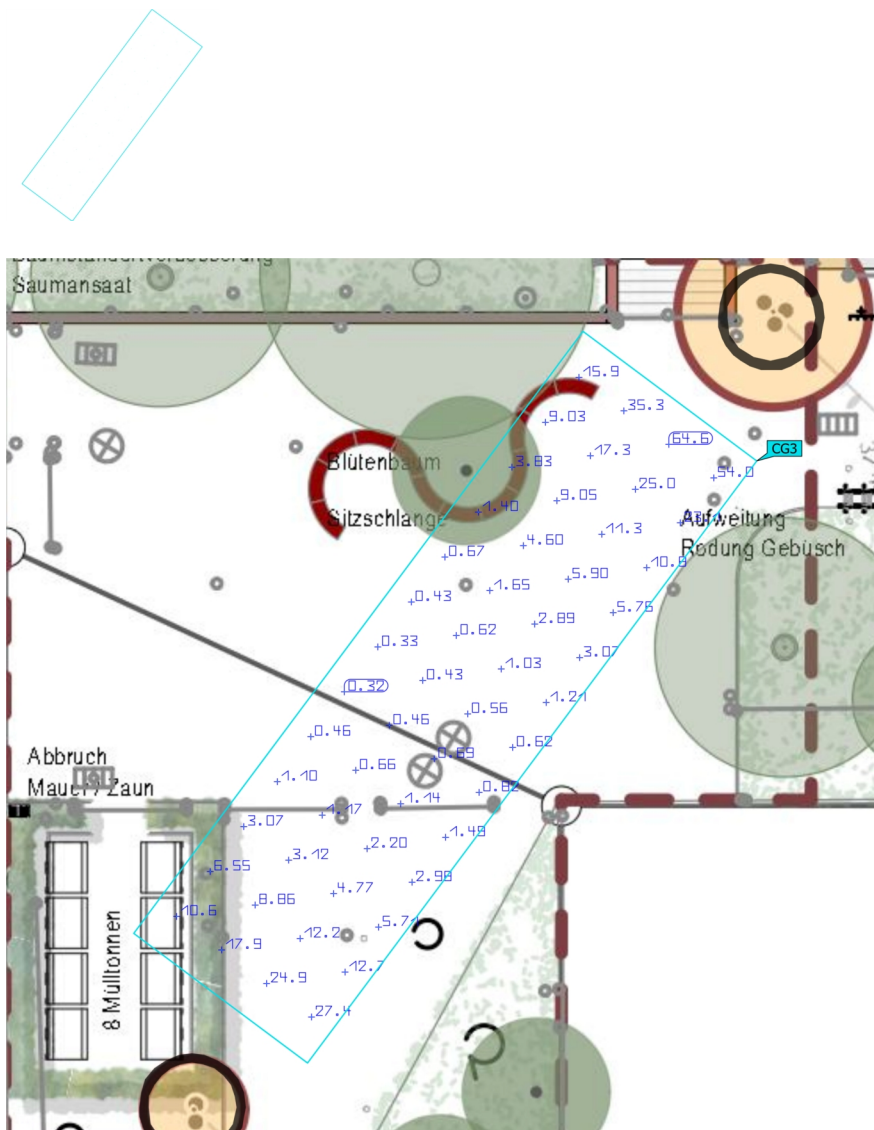
Calculation surface 3



Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Calculation surface 3	6.47 lx	0.066 lx	140 lx	0.010	0.000	CG2
Perpendicular illuminance						
Height: 0.000 m						

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

(Light scene 1)

Calculation surface 5

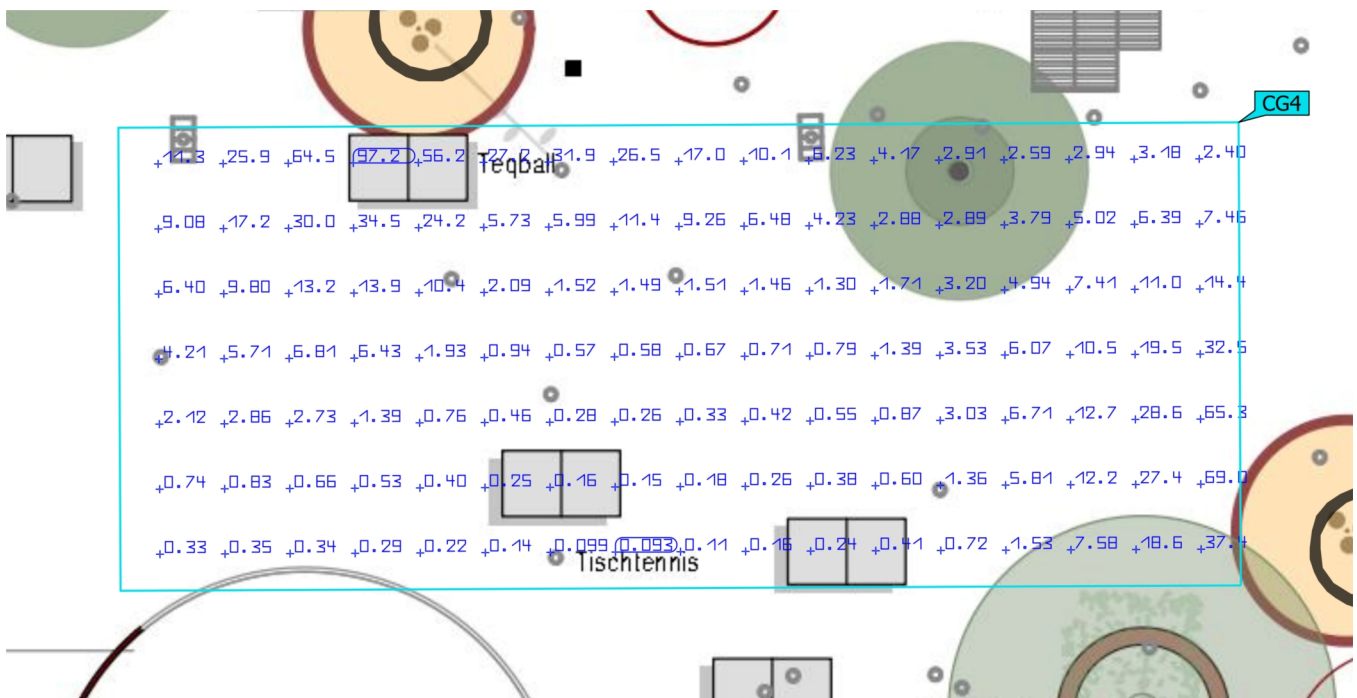
Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Calculation surface 5	8.88 lx	0.32 lx	64.6 lx	0.036	0.005	CG3
Perpendicular illuminance						
Height: 0.000 m						

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))

(Light scene 1)

Calculation surface 6

Calculation surface 6 is a rectangular area of 10.000 m², located at a height of 0.000 m above the ground. The surface is divided into 1000 square cells, each measuring 1.000 m by 1.000 m. The surface is used for the calculation of the illuminance distribution of the lighting system.



Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Calculation surface 6	9.30 lx	0.093 lx	97.2 lx	0.010	0.001	CG4
Perpendicular illuminance						
Height: 0.000 m						

Utilisation profile: DIALux presetting (5.1.4 Standard (outdoor transportation area))