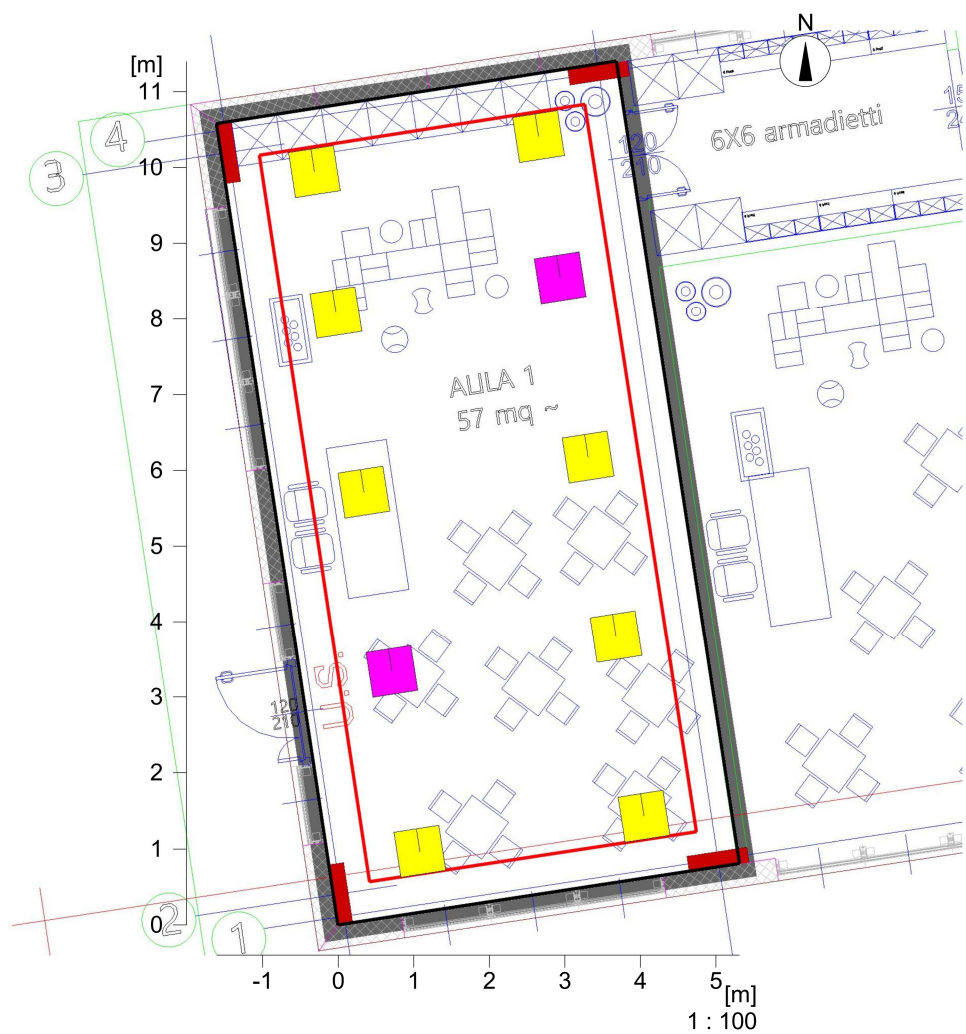


A- REPORT CALCOLO ILLUMINOTECNICO

1 Room 1

1.1 Description, Room 1

1.1.1 Floor plan

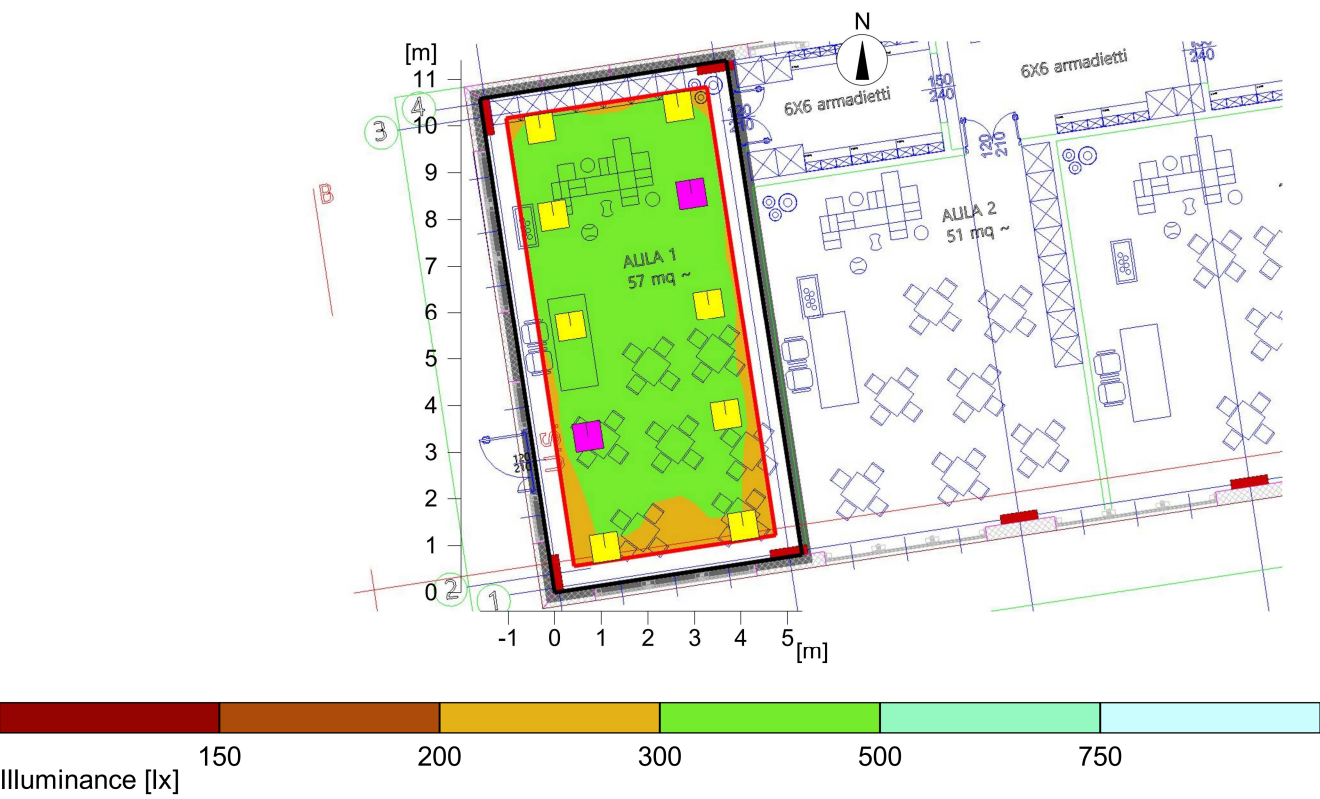


Wall	x	y	Length	Reflectance
1	23.81 m	11.34 m	5.37 m	50.0 %
2	22.18 m	21.94 m	10.72 m	50.0 %
3	16.89 m	21.11 m	5.35 m	50.0 %
4	18.50 m	10.53 m	10.70 m	50.0 %
Floor				20.0 %
Ceiling				70.0 %
Room height		3.20 m		
Height of reference plane		0.75 m		

1 Room 1

1.2 Summary, Room 1

1.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
Height of luminaire plane	3.20 m
Maintenance factor	0.80
Total luminous flux of all lamps	30437 lm
Total power	288.0 W
Total power per area (57.44 m²)	5.01 W/m² (1.54 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

	Horizontal
Em	326 lx
Emin	245 lx
Emin/Eav (Uo)	0.75
Emin/Emax (Ud)	0.67
Position	0.75 m

Major surfaces

	Em	Uo
m 1.5 (Ceiling)	74 lx	0.93
m 1.1 (Wall)	212 lx	0.64
m 1.2 (Wall)	202 lx	0.66
m 1.3 (Wall)	221 lx	0.66
m 1.4 (Wall)	210 lx	0.65

Type No.\Make

1 Room 1

1.2 Summary, Room 1

1.2.1 Result overview, Evaluation area 1

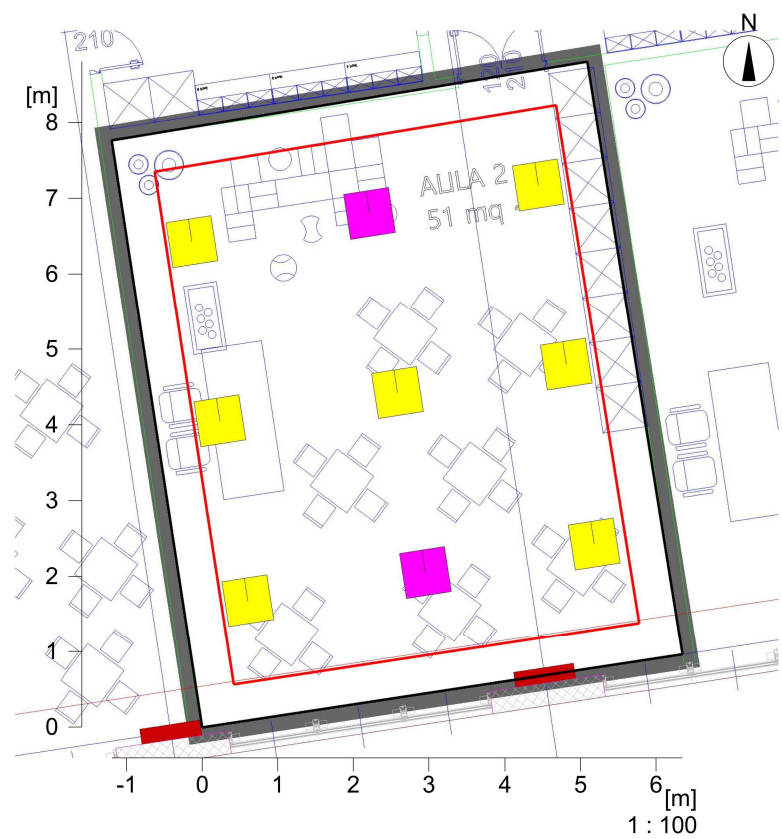
Venture Lighting Europe Ltd

1	8	Order No.	: PNL013 + KIT01
		Luminaire name	: 27W LED Edge Lit Panel with Driver
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm
2	2	Order No.	: PNL013 + KIT03
		Luminaire name	: 27W LED Edge Lit Panel with Driver + Remote Emergency Pack (335lm)
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm

2 Room 2

2.1 Description, Room 2

2.1.1 Floor plan

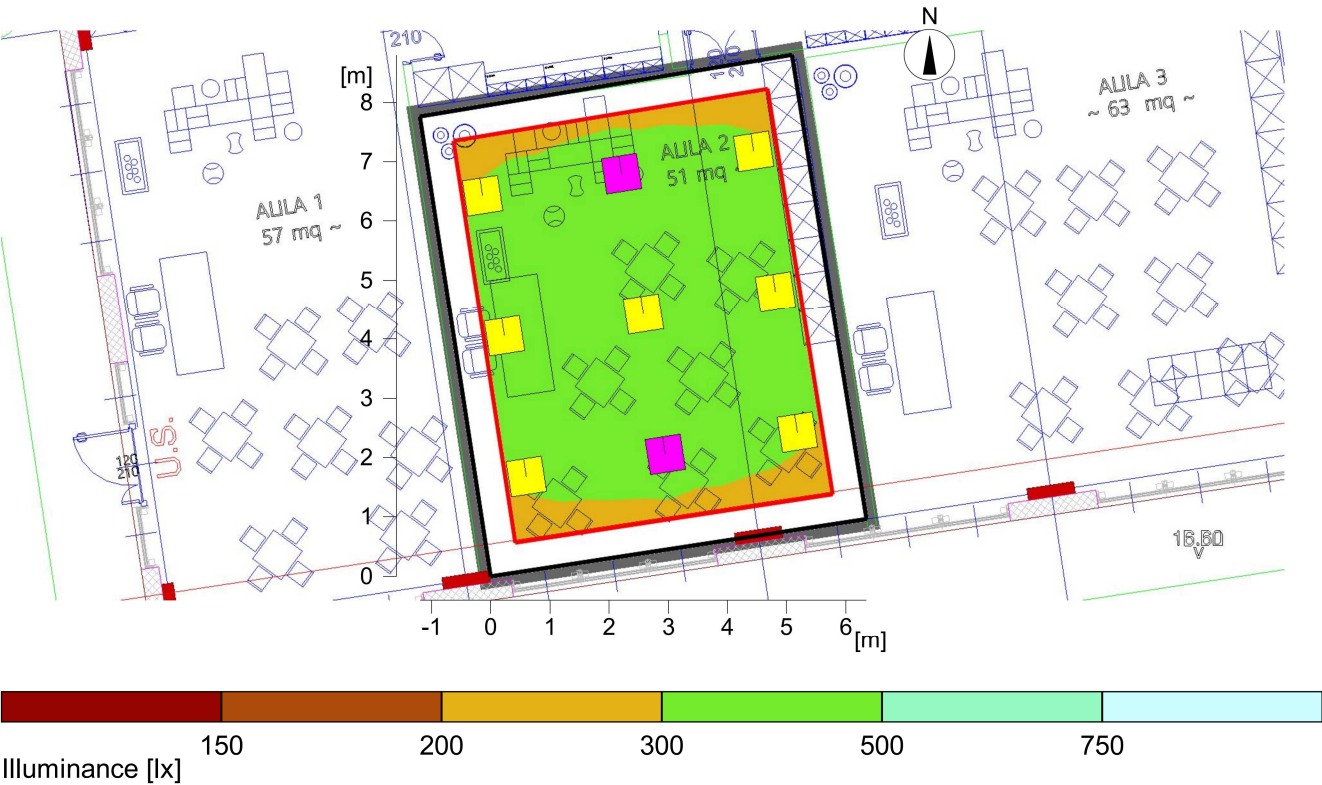


Wall	x	y	Length	Reflectance
1	30.29 m	12.43 m	6.43 m	50.0 %
2	29.03 m	20.26 m	7.93 m	50.0 %
3	22.74 m	19.22 m	6.38 m	50.0 %
4	23.94 m	11.46 m	7.85 m	50.0 %
Floor				20.0 %
Ceiling				70.0 %
Room height		3.20 m		
Height of reference plane		0.75 m		

2 Room 2

2.2 Summary, Room 2

2.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
Height of luminaire plane	3.20 m
Maintenance factor	0.80
Total luminous flux of all lamps	27393.3008 lm
Total power	259.2 W
Total power per area (50.51 m²)	5.13 W/m² (1.46 W/m²/100lx)

Evaluation area 1

	Reference plane 1.1
	Horizontal
Em	353 lx
Emin	217 lx
Emin/Eav (Uo)	0.61
Emin/Emax (Ud)	0.52
Position	0.75 m

Major surfaces



	Em	Uo
m 1.5 (Ceiling)	75 lx	0.85
m 1.1 (Wall)	185 lx	0.68
m 1.2 (Wall)	215 lx	0.54
m 1.3 (Wall)	188 lx	0.71
m 1.4 (Wall)	230 lx	0.58

Type No.\Make

2 Room 2

2.2 Summary, Room 2

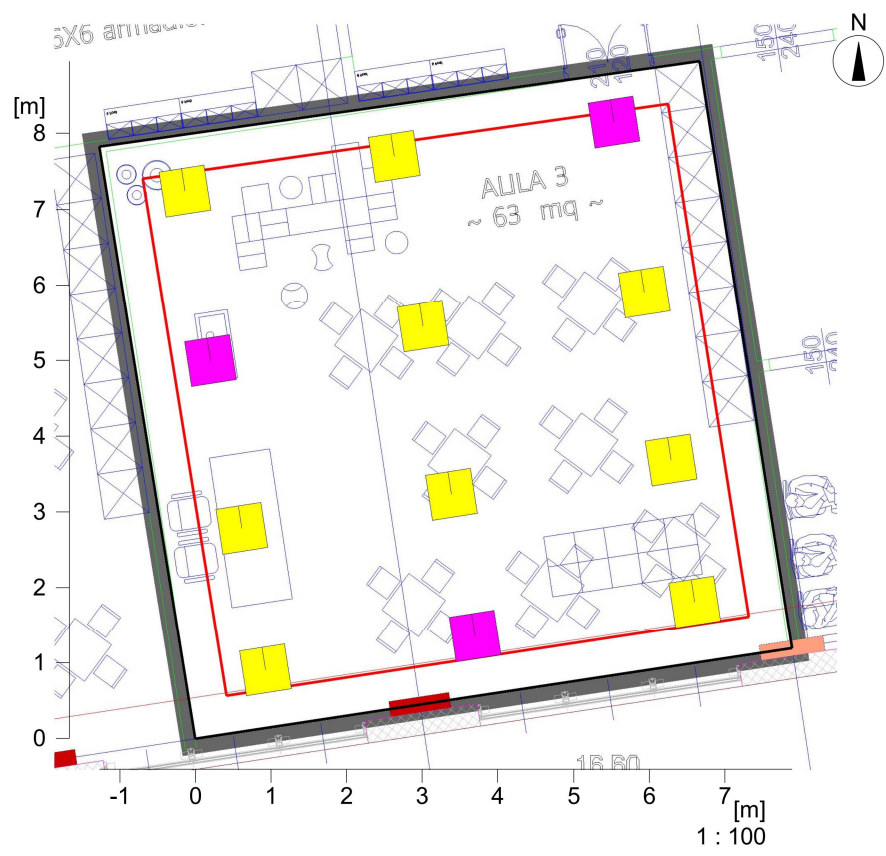
2.2.1 Result overview, Evaluation area 1

		Venture Lighting Europe Ltd	
1	7	Order No.	: PNL013 + KIT01
		Luminaire name	: 27W LED Edge Lit Panel with Driver
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm
2	2	Order No.	: PNL013 + KIT03
		Luminaire name	: 27W LED Edge Lit Panel with Driver + Remote Emergency Pack (335lm)
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm

3 Room 3

3.1 Description, Room 3

3.1.1 Floor plan

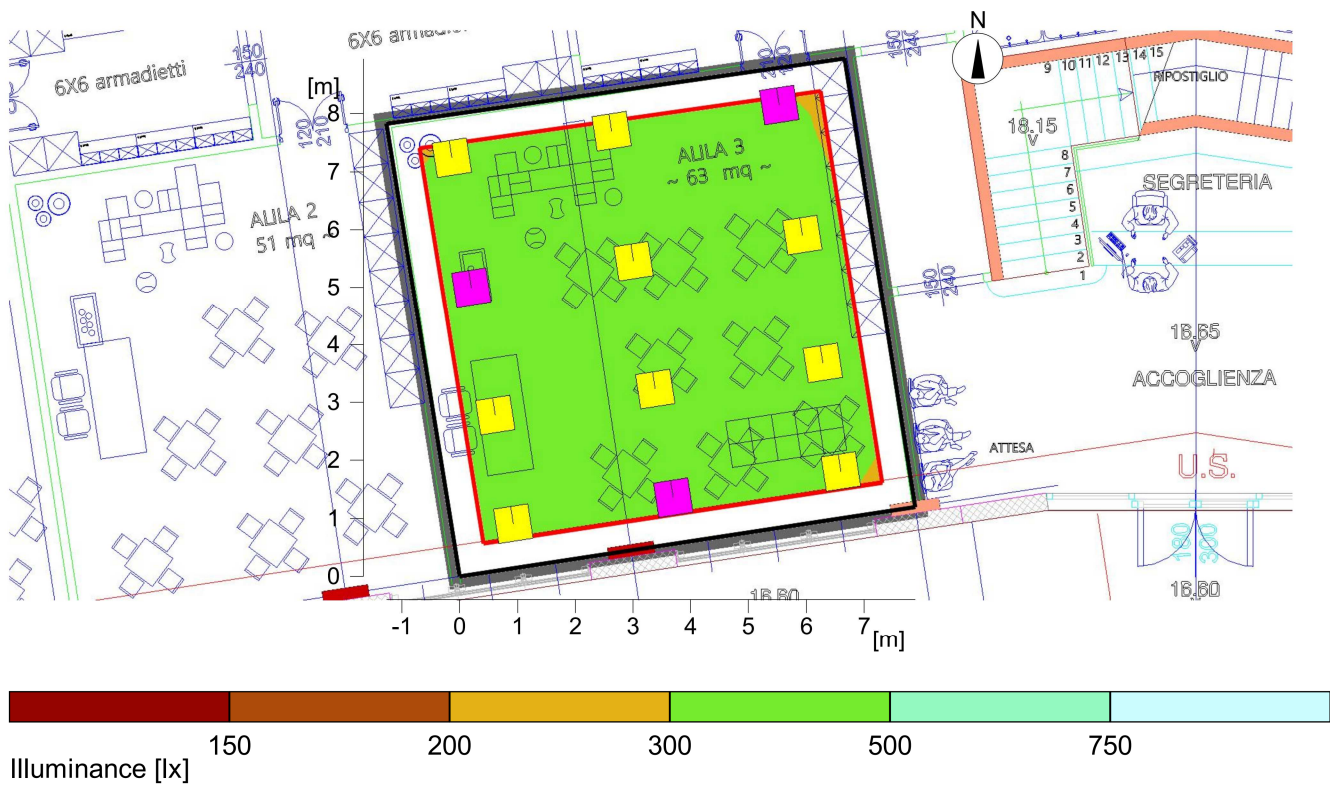


Wall	x	y	Length	Reflectance
1	38.33 m	13.64 m	7.98 m	50.0 %
2	37.11 m	21.40 m	7.85 m	50.0 %
3	29.17 m	20.27 m	8.02 m	50.0 %
4	30.44 m	12.45 m	7.93 m	50.0 %
Floor				20.0 %
Ceiling				70.0 %
Room height		3.20 m		
Height of reference plane		0.75 m		

3 Room 3

3.2 Summary, Room 3

3.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
Height of luminaire plane	3.20 m
Maintenance factor	0.80
Total luminous flux of all lamps	36524.3984 lm
Total power	345.6 W
Total power per area (63.09 m ²)	5.48 W/m ² (1.48 W/m ² /100lx)

Evaluation area 1

Reference plane 1.1

	Horizontal
Em	370 lx
Emin	278 lx
Emin/Eav (Uo)	0.75
Emin/Emax (Ud)	0.66
Position	0.75 m

Major surfaces



	Em	Uo
m 1.5 (Ceiling)	83 lx	0.92
m 1.1 (Wall)	248 lx	0.60
m 1.2 (Wall)	217 lx	0.71
m 1.3 (Wall)	238 lx	0.58
m 1.4 (Wall)	246 lx	0.65

Type No.\Make

3 Room 3

3.2 Summary, Room 3

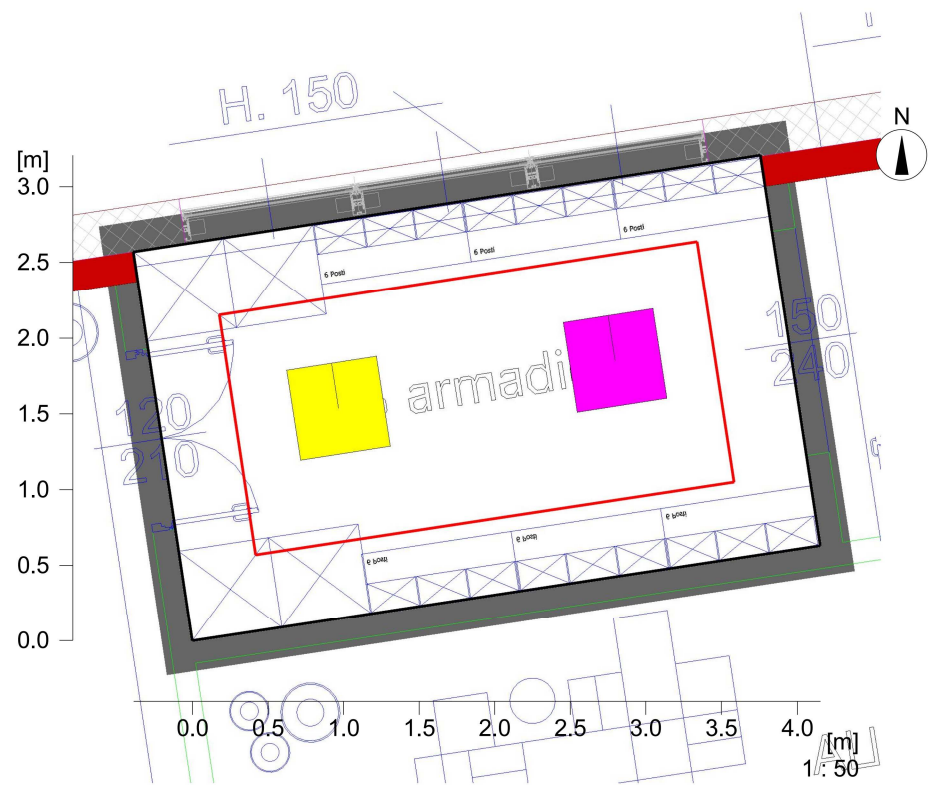
3.2.1 Result overview, Evaluation area 1

		Venture Lighting Europe Ltd	
1	9	Order No.	: PNL013 + KIT01
		Luminaire name	: 27W LED Edge Lit Panel with Driver
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm
2	3	Order No.	: PNL013 + KIT03
		Luminaire name	: 27W LED Edge Lit Panel with Driver + Remote Emergency Pack (335lm)
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm

4 Room 4

4.1 Description, Room 4

4.1.1 Floor plan

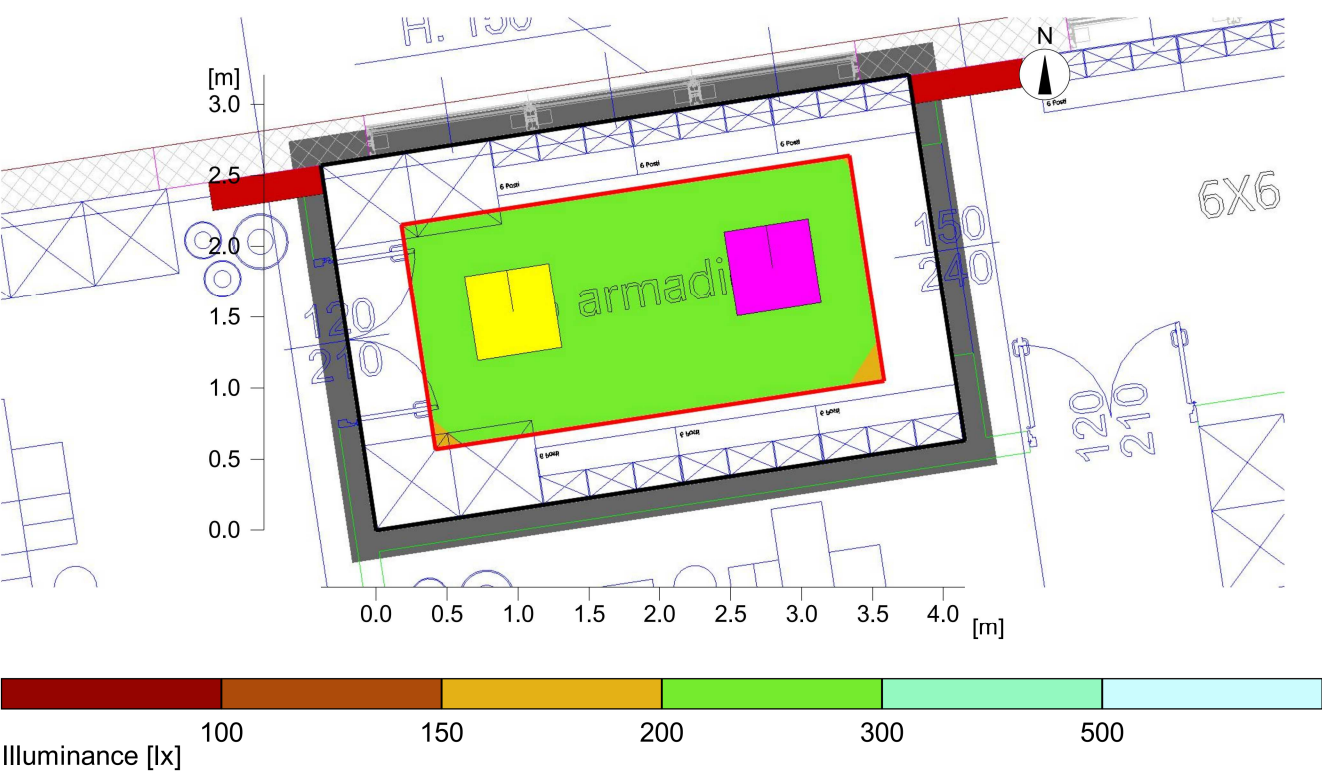


Wall	x	y	Length	Reflectance
1	26.87 m	20.00 m	4.20 m	50.0 %
2	26.47 m	22.58 m	2.61 m	50.0 %
3	22.33 m	21.94 m	4.19 m	50.0 %
4	22.72 m	19.37 m	2.60 m	50.0 %
Floor				20.0 %
Ceiling				70.0 %
Room height		3.20 m		
Height of reference plane		0.75 m		

4 Room 4

4.2 Summary, Room 4

4.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
Height of luminaire plane	3.20 m
Maintenance factor	0.80
Total luminous flux of all lamps	6087.3999 lm
Total power	57.6 W
Total power per area (10.93 m²)	5.27 W/m² (2.18 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

	Horizontal
Em	242 lx
Emin	185 lx
Emin/Eav (Uo)	0.77
Emin/Emax (Ud)	0.67
Position	0.75 m

Major surfaces



	Em	Uo
m 1.5 (Ceiling)	65 lx	0.88
m 1.1 (Wall)	154 lx	0.61
m 1.2 (Wall)	157 lx	0.62
m 1.3 (Wall)	163 lx	0.56
m 1.4 (Wall)	163 lx	0.61

Type No.\Make

4 Room 4

4.2 Summary, Room 4

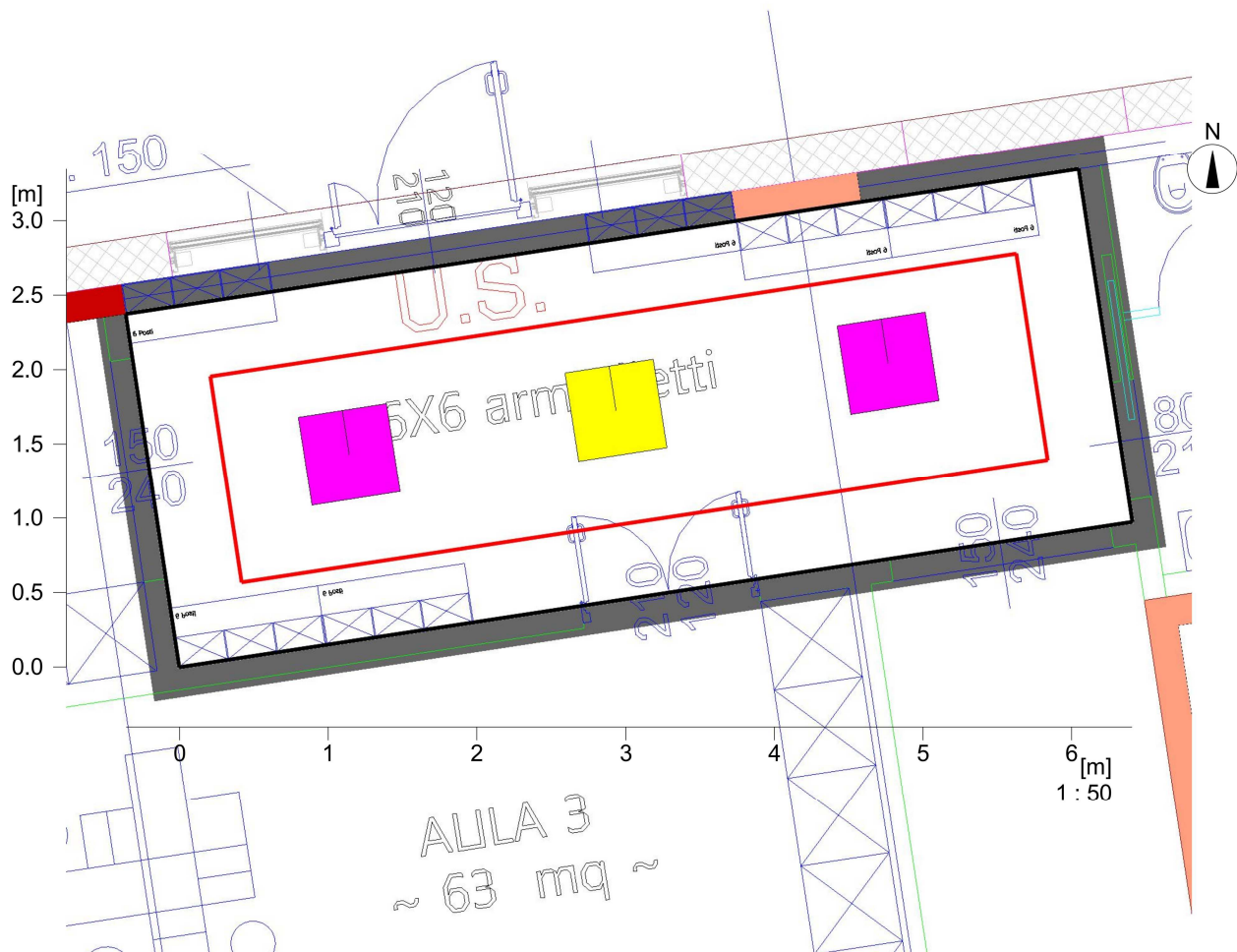
4.2.1 Result overview, Evaluation area 1

		Venture Lighting Europe Ltd	
1	1	Order No.	: PNL013 + KIT01
		Luminaire name	: 27W LED Edge Lit Panel with Driver
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm
2	1	Order No.	: PNL013 + KIT03
		Luminaire name	: 27W LED Edge Lit Panel with Driver + Remote Emergency Pack (335lm)
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm

5 Room 5

5.1 Description, Room 5

5.1.1 Floor plan

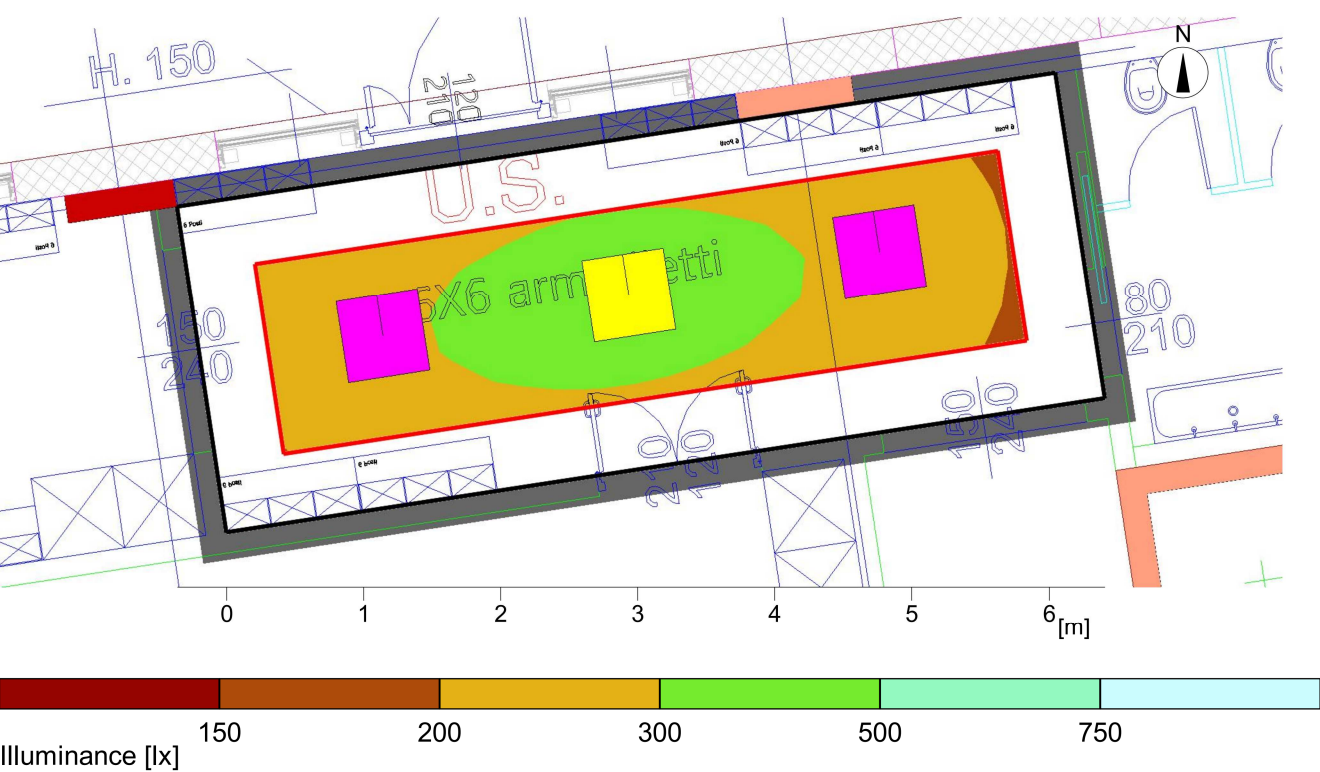


Wall	x	y	Length	Reflectance
1	39.01 m	21.84 m	6.48 m	50.0 %
2	38.65 m	24.21 m	2.40 m	50.0 %
3	32.24 m	23.24 m	6.48 m	50.0 %
4	32.60 m	20.87 m	2.40 m	50.0 %
Floor				20.0 %
Ceiling				70.0 %
Room height		3.20 m		
Height of reference plane		0.75 m		

5 Room 5

5.2 Summary, Room 5

5.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
Height of luminaire plane	3.20 m
Maintenance factor	0.80
Total luminous flux of all lamps	9131.09961 lm
Total power	86.4 W
Total power per area (15.55 m²)	5.56 W/m² (1.98 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

	Horizontal
Em	280 lx
Emin	176 lx
Emin/Eav (Uo)	0.63
Emin/Emax (Ud)	0.54
Position	0.75 m

Major surfaces

	Em	Uo
m 1.5 (Ceiling)	70 lx	0.75
m 1.1 (Wall)	177 lx	0.52
m 1.2 (Wall)	142 lx	0.72
m 1.3 (Wall)	183 lx	0.49
m 1.4 (Wall)	163 lx	0.72

Type No.\Make

5 Room 5

5.2 Summary, Room 5

5.2.1 Result overview, Evaluation area 1

Venture Lighting Europe Ltd

1	1	Order No.	: PNL013 + KIT01
		Luminaire name	: 27W LED Edge Lit Panel with Driver
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm
2	2	Order No.	: PNL013 + KIT03
		Luminaire name	: 27W LED Edge Lit Panel with Driver + Remote Emergency Pack (335lm)
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm

6 Room 6

6.1 Description, Room 6

6.1.1 Floor plan



6 Room 6

6.1 Description, Room 6

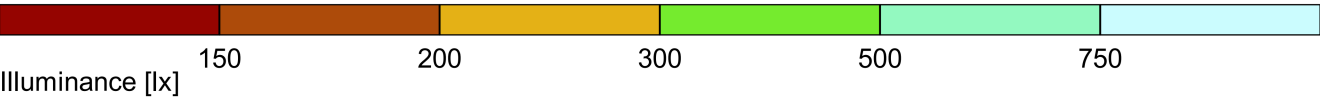
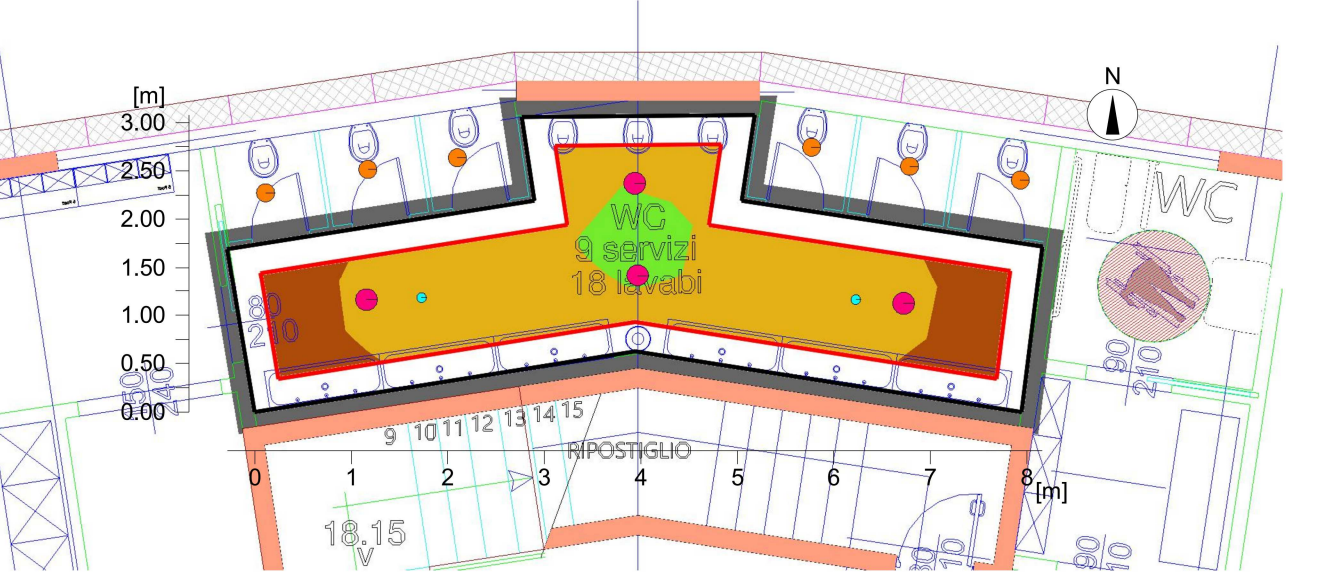
6.1.1 Floor plan

Wall	x	y	Length	Reflectance
1	43.16 m	22.11 m	3.99 m	50.0 %
2	47.16 m	21.49 m	4.05 m	50.0 %
3	47.38 m	23.21 m	1.73 m	50.0 %
4	44.26 m	23.68 m	3.15 m	50.0 %
5	44.40 m	24.56 m	0.89 m	50.0 %
6	41.98 m	24.54 m	2.41 m	50.0 %
7	42.12 m	23.68 m	0.87 m	50.0 %
8	38.93 m	23.18 m	3.22 m	50.0 %
9	39.22 m	21.49 m	1.72 m	50.0 %
Floor				20.0 %
Ceiling				70.0 %
Room height		3.20 m		
Height of reference plane		0.00 m		

6 Room 6

6.2 Summary, Room 6

6.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
Height of luminaire plane	3.20 m
Maintenance factor	0.80
Total luminous flux of all lamps	11946 lm
Total power	106.0 W
Total power per area (16.06 m²)	6.60 W/m² (2.64 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

	Horizontal
Em	250 lx
Emin	179 lx
Emin/Eav (Uo)	0.71
Emin/Emax (Ud)	0.57
Position	0.00 m

Major surfaces

	Em	Uo
m 1.8 (Ceiling)	81 lx	0.87
m 1.1 (Wall)	167 lx	0.45
m 1.2 (Wall)	166 lx	0.44
m 1.3 (Wall)	150 lx	0.51
m 1.4 (Wall)	160 lx	0.47
m 1.5 (Wall)	229 lx	0.49
m 1.6 (Wall)	161 lx	0.46
m 1.7 (Wall)	148 lx	0.52

6 Room 6

6.2 Summary, Room 6

6.2.1 Result overview, Evaluation area 1

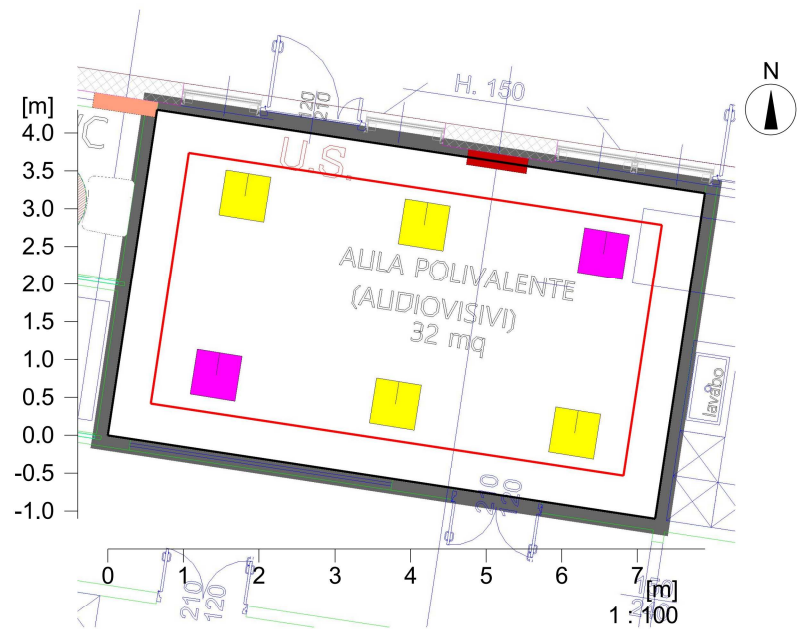
Type No.\Make

6		2	Venture Lighting Europe Ltd	
			Order No.	: !EMG013
			Luminaire name	: Emergevac Emergency downlight
			Equipment	: 1 x LED 3 W / 131 lm
4		4	Venture Lighting Europe Ltd.	
			Order No.	: DWL063
			Luminaire name	: 25W VLUMA LED Fixed Downlight, 840
			Equipment	: 1 x 25W LED 4000K 25 W / 2921 lm

7 Room 7

7.1 Description, Room 7

7.1.1 Floor plan

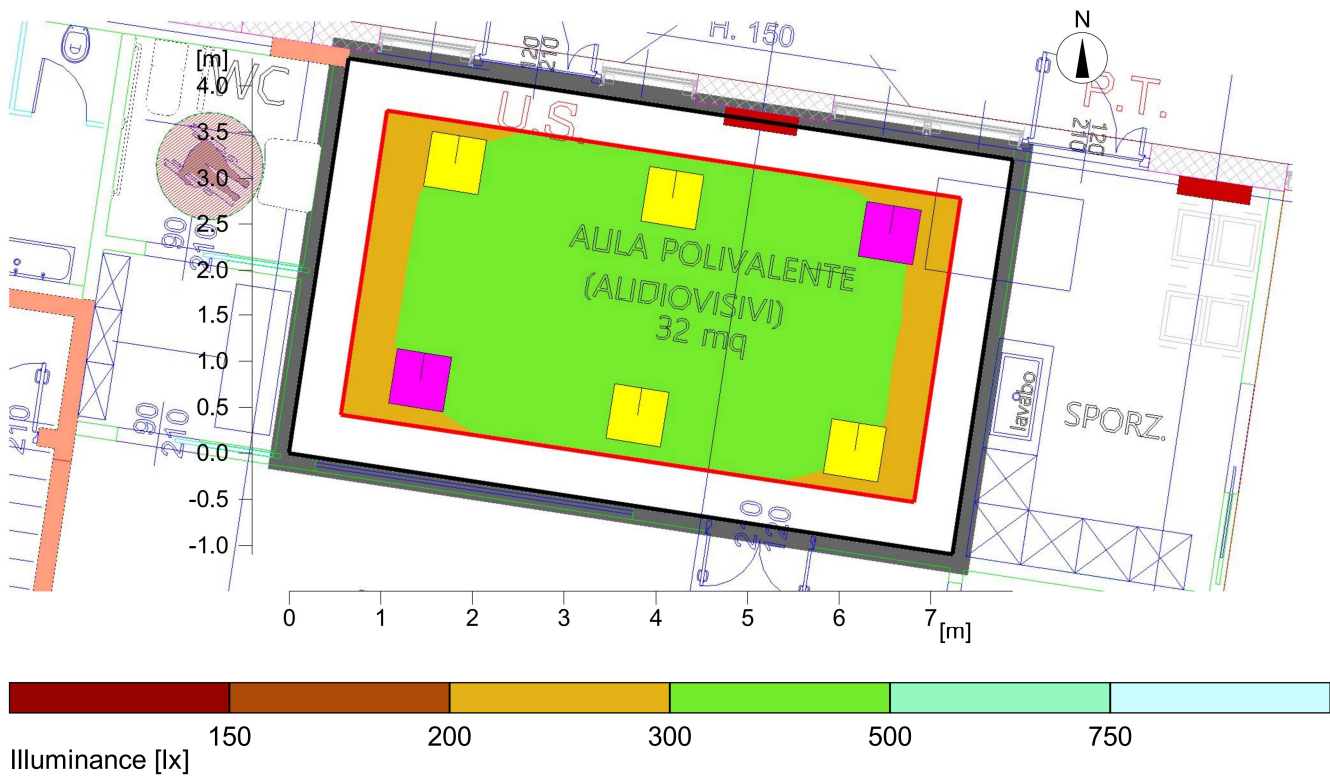


Wall	x	y	Length	Reflectance
1	56.63 m	18.56 m	7.32 m	50.0 %
2	57.29 m	22.86 m	4.35 m	50.0 %
3	50.05 m	23.96 m	7.33 m	50.0 %
4	49.39 m	19.66 m	4.35 m	50.0 %
Floor				20.0 %
Ceiling				70.0 %
Room height		3.20 m		
Height of reference plane		0.75 m		

7 Room 7

7.2 Summary, Room 7

7.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
Height of luminaire plane	3.20 m
Maintenance factor	0.80
Total luminous flux of all lamps	18262.1992 lm
Total power	172.8 W
Total power per area (31.85 m²)	5.42 W/m² (1.72 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

	Horizontal
Em	315 lx
Emin	236 lx
Emin/Eav (Uo)	0.75
Emin/Emax (Ud)	0.65
Position	0.75 m

Major surfaces



	Em	Uo
m 1.5 (Ceiling)	77 lx	0.93
m 1.1 (Wall)	215 lx	0.60
m 1.2 (Wall)	188 lx	0.73
m 1.3 (Wall)	211 lx	0.61
m 1.4 (Wall)	191 lx	0.75

Type No.\Make

7 Room 7

7.2 Summary, Room 7

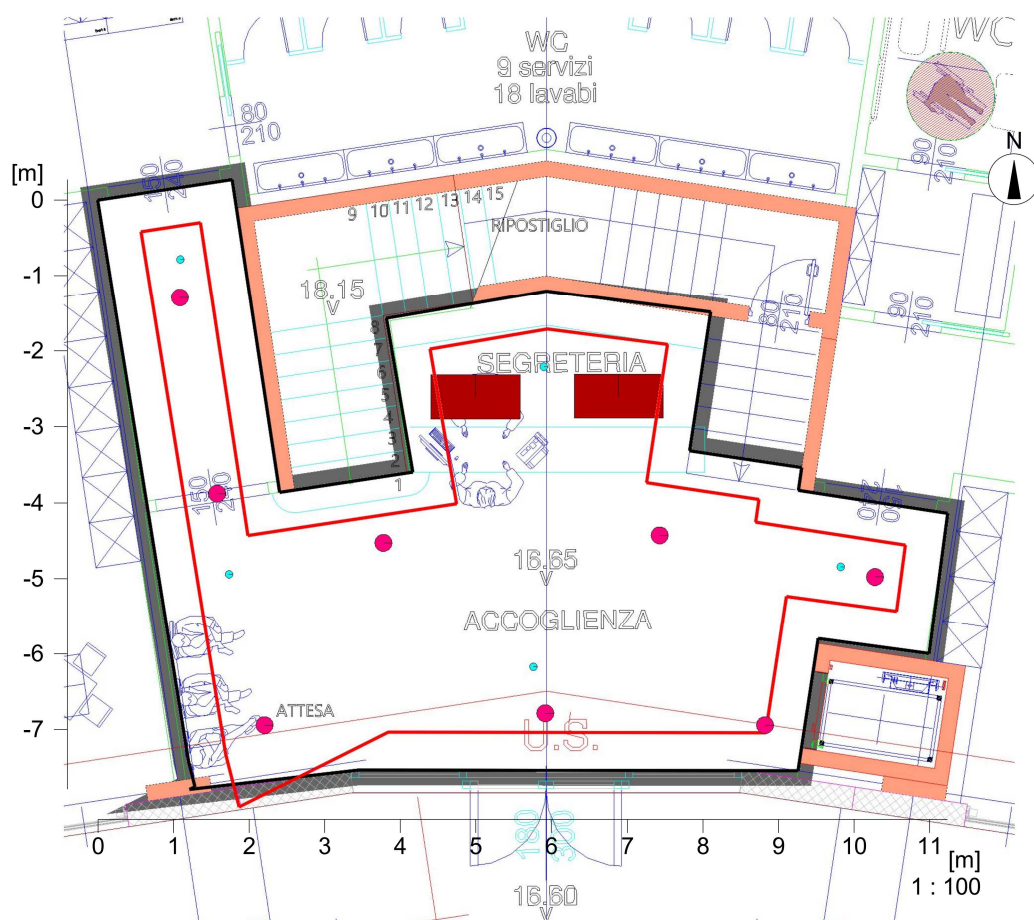
7.2.1 Result overview, Evaluation area 1

		Venture Lighting Europe Ltd	
1	4	Order No.	: PNL013 + KIT01
		Luminaire name	: 27W LED Edge Lit Panel with Driver
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm
2	2	Order No.	: PNL013 + KIT03
		Luminaire name	: 27W LED Edge Lit Panel with Driver + Remote Emergency Pack (335lm)
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm

8 Room 8

8.1 Description, Room 8

8.1.1 Floor plan



8 Room 8

8.1 Description, Room 8

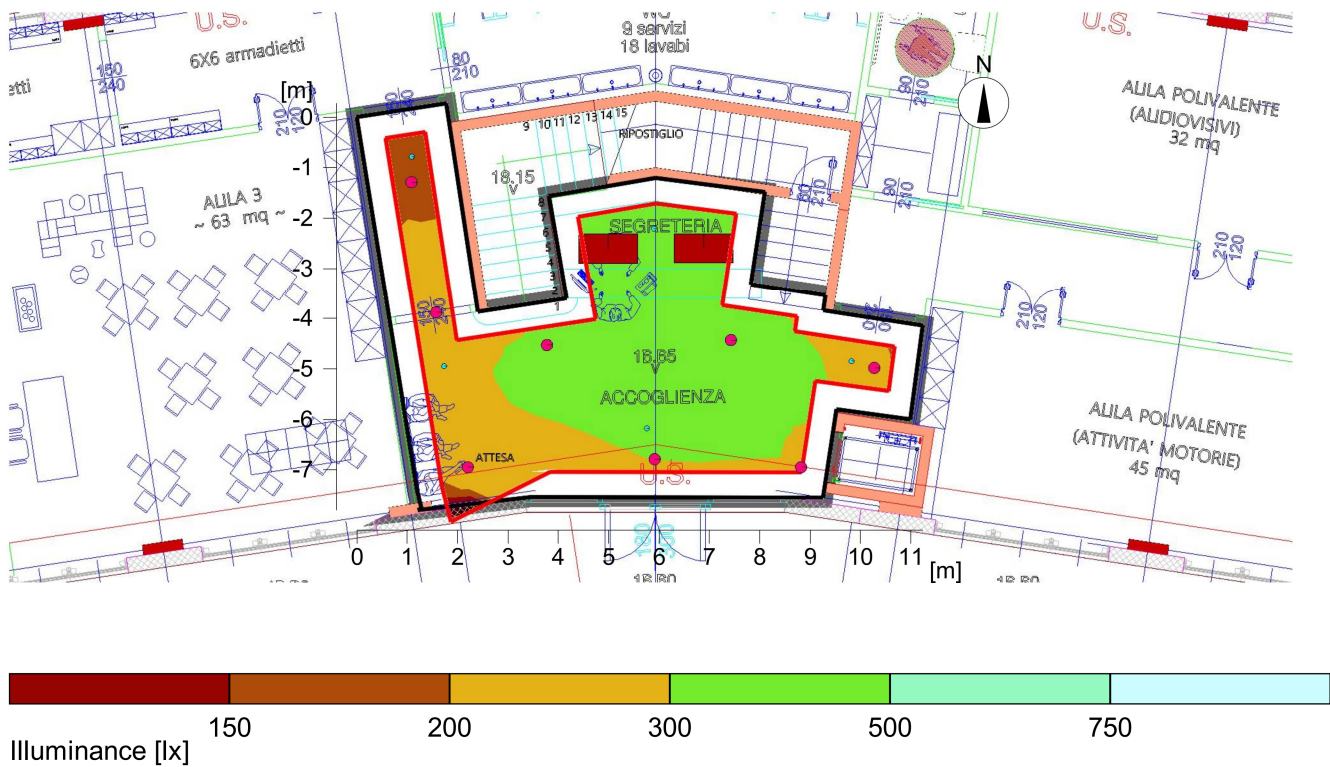
8.1.1 Floor plan

Wall	x	y	Length	Reflectance
1	38.46 m	14.00 m	7.52 m	50.0 %
2	38.54 m	13.67 m	0.34 m	50.0 %
3	38.47 m	13.63 m	0.08 m	50.0 %
4	40.71 m	13.89 m	2.25 m	50.0 %
5	46.51 m	13.88 m	5.80 m	50.0 %
6	46.78 m	15.62 m	1.77 m	50.0 %
7	48.25 m	15.43 m	1.48 m	50.0 %
8	48.49 m	17.28 m	1.87 m	50.0 %
9	46.52 m	17.59 m	2.00 m	50.0 %
10	46.56 m	17.89 m	0.30 m	50.0 %
11	45.08 m	18.11 m	1.50 m	50.0 %
12	45.36 m	19.94 m	1.85 m	50.0 %
13	43.19 m	20.22 m	2.19 m	50.0 %
14	41.07 m	19.86 m	2.15 m	50.0 %
15	41.42 m	17.83 m	2.06 m	50.0 %
16	39.66 m	17.56 m	1.78 m	50.0 %
17	39.03 m	21.69 m	4.18 m	50.0 %
18	37.26 m	21.42 m	1.80 m	50.0 %
Floor				20.0 %
Ceiling				70.0 %
Room height		3.20 m		
Height of reference plane		0.00 m		

8 Room 8

8.2 Summary, Room 8

8.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used
Maintenance factor

Average indirect fraction
0.80

Total luminous flux of all lamps
Total power
Total power per area (52.63 m²)

35115 lm
349.0 W
6.63 W/m² (2.03 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

Horizontal
Em
Emin
Emin/Eav (Uo)
Emin/Emax (Ud)
Position

327 lx
154 lx
0.47
0.31
0.00 m

Major surfaces

m 1.14 (Ceiling)
m 1.1 (Wall)
m 1.2 (Wall)
m 1.3 (Wall)
m 1.4 (Wall)
m 1.5 (Wall)
m 1.6 (Wall)
m 1.7 (Wall)
m 1.8 (Wall)
m 1.9 (Wall)
m 1.10 (Wall)
m 1.11 (Wall)

Em	Uo
85 lx	0.76
177 lx	0.48
226 lx	0.59
211 lx	0.40
271 lx	0.57
230 lx	0.55
215 lx	0.51
370 lx	0.53
313 lx	0.56
313 lx	0.60
386 lx	0.58
208 lx	0.64




8 Room 8

8.2 Summary, Room 8

8.2.1 Result overview, Evaluation area 1

m 1.12 (Wall)	167 lx	0.51
m 1.13 (Wall)	153 lx	0.70

Type No.\Make

		Venture Lighting Europe Ltd.	
5	2	Order No.	: PNL009 + KIT01
		Luminaire name	: 68W LED Edge Lit 600mm x 1200mm 840 Panel with Driver
		Equipment	: 1 x LED 4000K 67 W / 5546 lm
<hr/>			
6	5	Order No.	: !EMG013
		Luminaire name	: Emergevac Emergency downlight
		Equipment	: 1 x LED 3 W / 131 lm
<hr/>			
		Venture Lighting Europe Ltd.	
4	8	Order No.	: DWL063
		Luminaire name	: 25W VLUMA LED Fixed Downlight, 840
		Equipment	: 1 x 25W LED 4000K 25 W / 2921 lm

9 Room 9

9.1 Description, Room 9

9.1.1 Floor plan

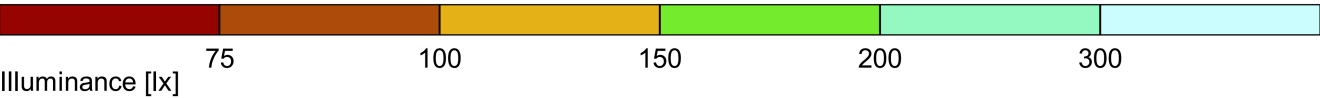
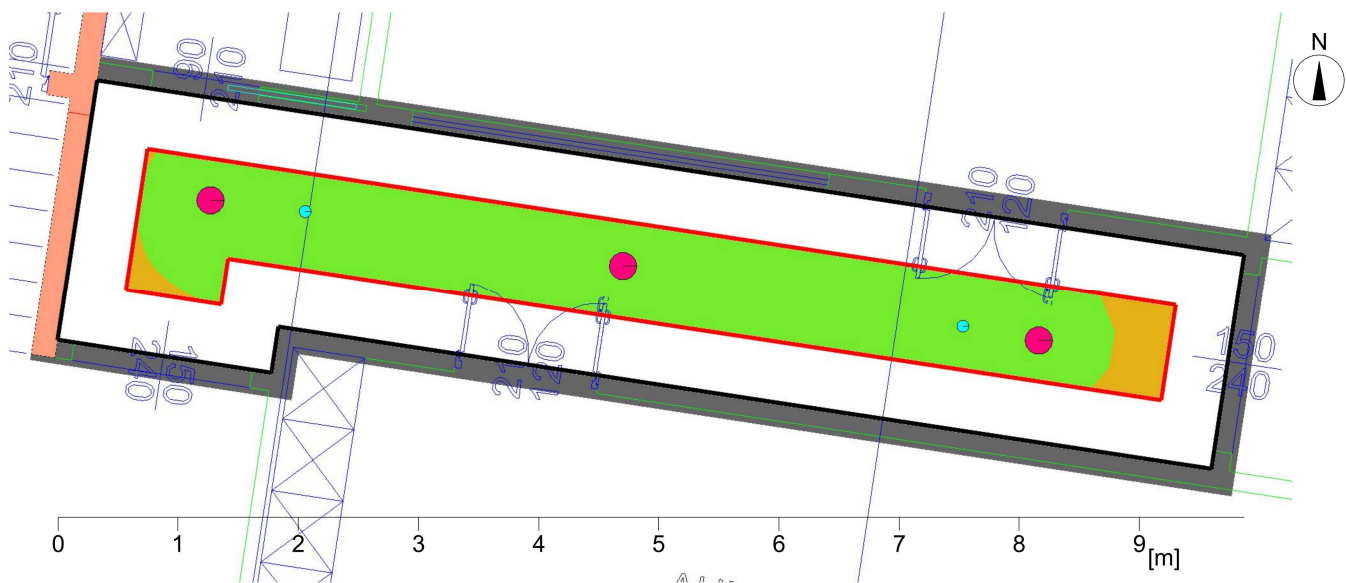


Wall	x	y	Length	Reflectance
1	48.52 m	17.43 m	1.80 m	50.0 %
2	48.57 m	17.81 m	0.39 m	50.0 %
3	56.34 m	16.64 m	7.85 m	50.0 %
4	56.61 m	18.42 m	1.80 m	50.0 %
5	47.07 m	19.86 m	9.65 m	50.0 %
6	46.74 m	17.70 m	2.18 m	50.0 %
Floor				20.0 %
Ceiling				70.0 %
Room height		3.20 m		
Height of reference plane		0.00 m		

9 Room 9

9.2 Summary, Room 9

9.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
Height of luminaire plane	3.20 m
Maintenance factor	0.80
Total luminous flux of all lamps	9025 lm
Total power	81.0 W
Total power per area (18.07 m²)	4.48 W/m² (2.73 W/m²/100lx)

Evaluation area 1

	Reference plane 1.1
	Horizontal
Em	164 lx
Emin	141 lx
Emin/Eav (Uo)	0.86
Emin/Emax (Ud)	0.78
Position	0.00 m

Major surfaces

	Em	Uo
m 1.6 (Ceiling)	55 lx	0.84
m 1.1 (Wall)	134 lx	0.63
m 1.2 (Wall)	130 lx	0.48
m 1.3 (Wall)	119 lx	0.73
m 1.4 (Wall)	136 lx	0.47
m 1.5 (Wall)	144 lx	0.59

Type No.\Make

9 Room 9

9.2 Summary, Room 9

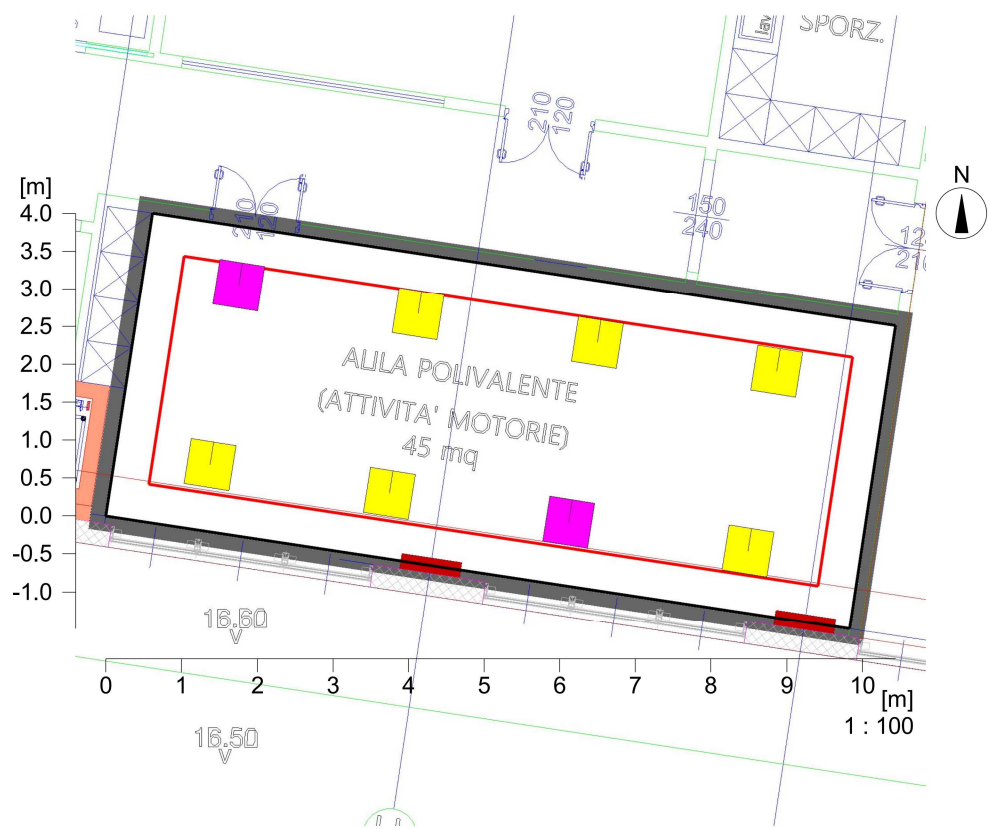
9.2.1 Result overview, Evaluation area 1

6	2		Venture Lighting Europe Ltd Order No. : !EMG013 Luminaire name : Emergevac Emergency downlight Equipment : 1 x LED 3 W / 131 lm
4	3		Venture Lighting Europe Ltd. Order No. : DWL063 Luminaire name : 25W VLUMA LED Fixed Downlight, 840 Equipment : 1 x 25W LED 4000K 25 W / 2921 lm

10 Room 10

10.1 Description, Room 10

10.1.1 Floor plan

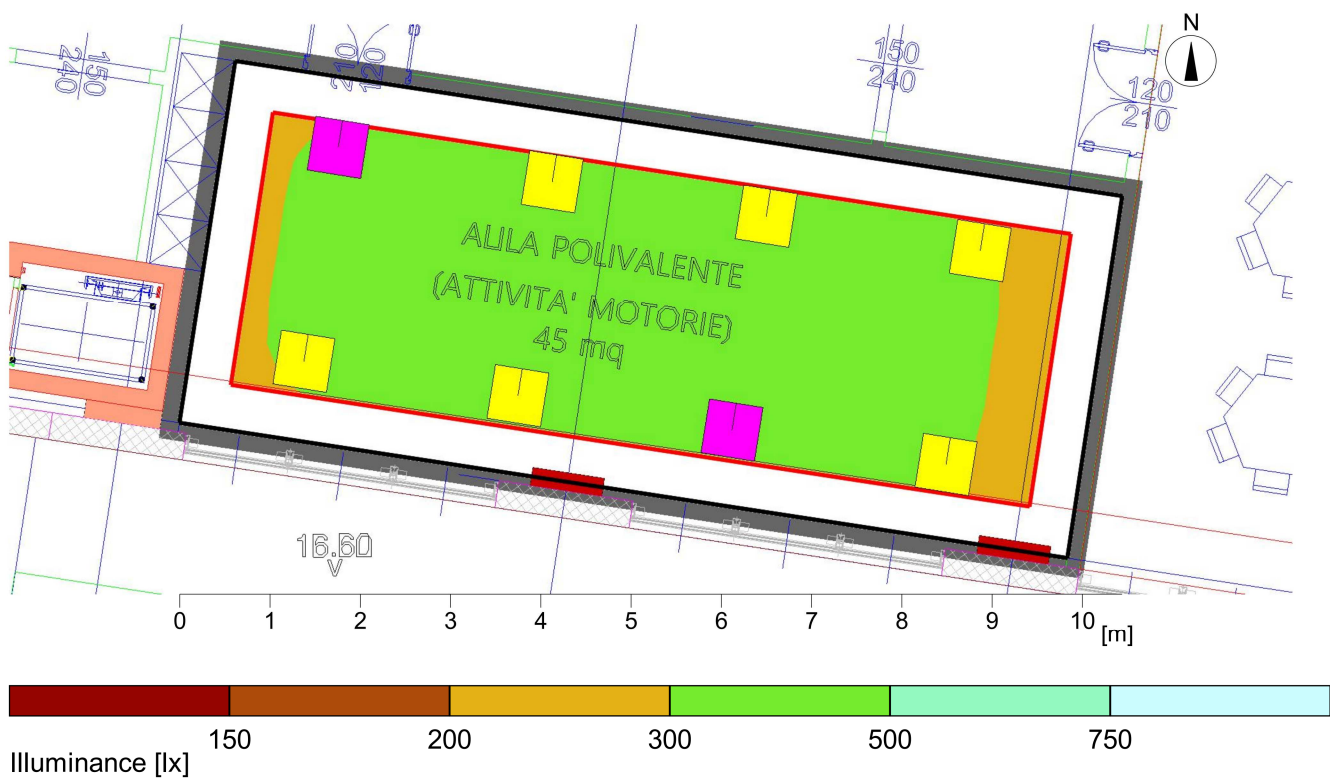


Wall	x	y	Length	Reflectance
1	58.51 m	12.06 m	9.95 m	50.0 %
2	59.11 m	16.06 m	4.05 m	50.0 %
3	49.29 m	17.55 m	9.93 m	50.0 %
4	48.67 m	13.55 m	4.05 m	50.0 %
Floor				20.0 %
Ceiling				70.0 %
Room height		3.20 m		
Height of reference plane		0.75 m		

10 Room 10

10.2 Summary, Room 10

10.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used	Average indirect fraction
Height of luminaire plane	3.20 m
Maintenance factor	0.80
Total luminous flux of all lamps	24349.5996 lm
Total power	230.4 W
Total power per area (40.25 m²)	5.72 W/m² (1.69 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

	Horizontal
Em	338 lx
Emin	222 lx
Emin/Eav (Uo)	0.65
Emin/Emax (Ud)	0.58
Position	0.75 m

Major surfaces



	Em	Uo
m 1.5 (Ceiling)	82 lx	0.84
m 1.1 (Wall)	232 lx	0.53
m 1.2 (Wall)	174 lx	0.73
m 1.3 (Wall)	231 lx	0.53
m 1.4 (Wall)	205 lx	0.75

Type No.\Make

10 Room 10

10.2 Summary, Room 10

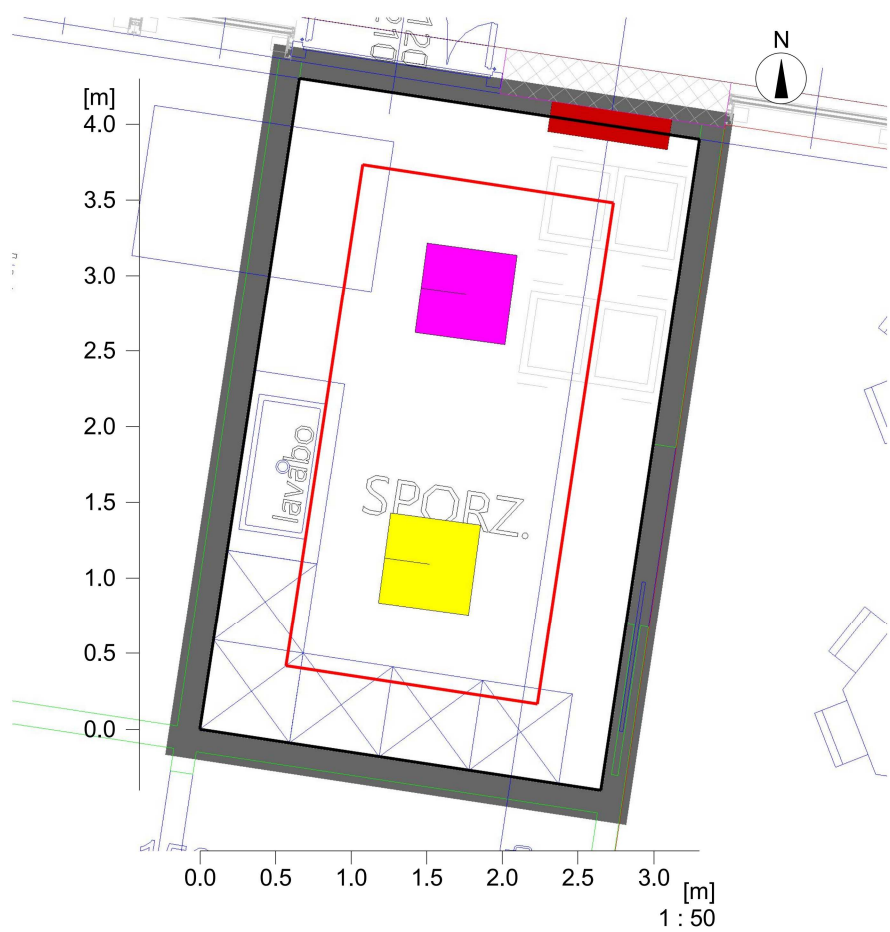
10.2.1 Result overview, Evaluation area 1

		Venture Lighting Europe Ltd	
1	6	Order No.	: PNL013 + KIT01
		Luminaire name	: 27W LED Edge Lit Panel with Driver
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm
2	2	Order No.	: PNL013 + KIT03
		Luminaire name	: 27W LED Edge Lit Panel with Driver + Remote Emergency Pack (335lm)
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm

11 Room 11

11.1 Description, Room 11

11.1.1 Floor plan

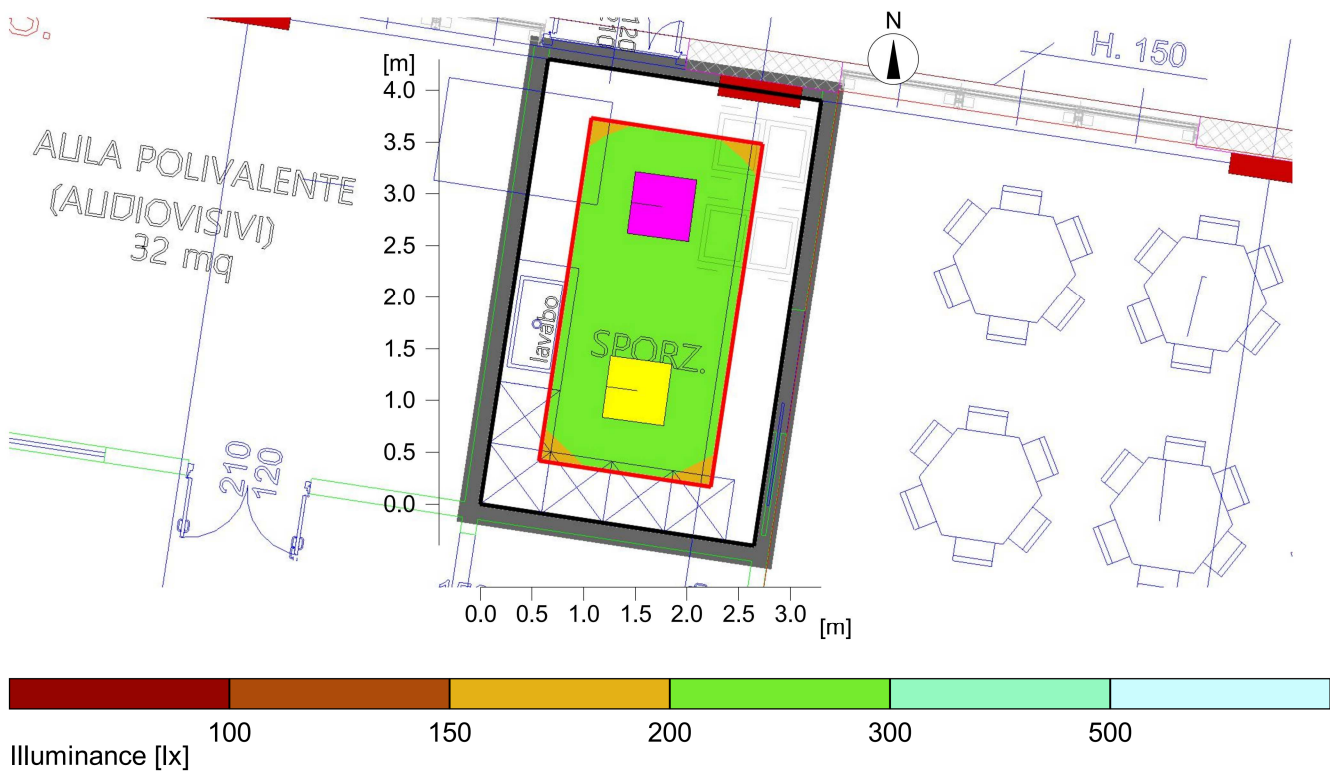


Wall	x	y	Length	Reflectance
1	59.43 m	18.14 m	2.68 m	50.0 %
2	60.08 m	22.44 m	4.35 m	50.0 %
3	57.44 m	22.84 m	2.67 m	50.0 %
4	56.78 m	18.54 m	4.35 m	50.0 %
Floor				20.0 %
Ceiling				70.0 %
Room height		3.20 m		
Height of reference plane		0.75 m		

11 Room 11

11.2 Summary, Room 11

11.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used
Height of luminaire plane
Maintenance factor

Average indirect fraction
3.20 m
0.80

Total luminous flux of all lamps
Total power
Total power per area (11.65 m²)

6087.3999 lm
57.6 W
4.94 W/m² (2.13 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

Horizontal
Em
232 lx
Emin
180 lx
Emin/Eav (Uo)
0.78
Emin/Emax (Ud)
0.66
Position
0.75 m

Major surfaces

m 1.5 (Ceiling)
m 1.1 (Wall)
m 1.2 (Wall)
m 1.3 (Wall)
m 1.4 (Wall)



Em
61 lx
150 lx
151 lx
147 lx
151 lx
Uo
0.90
0.66
0.60
0.66
0.59

Type No.\Make

11 Room 11

11.2 Summary, Room 11

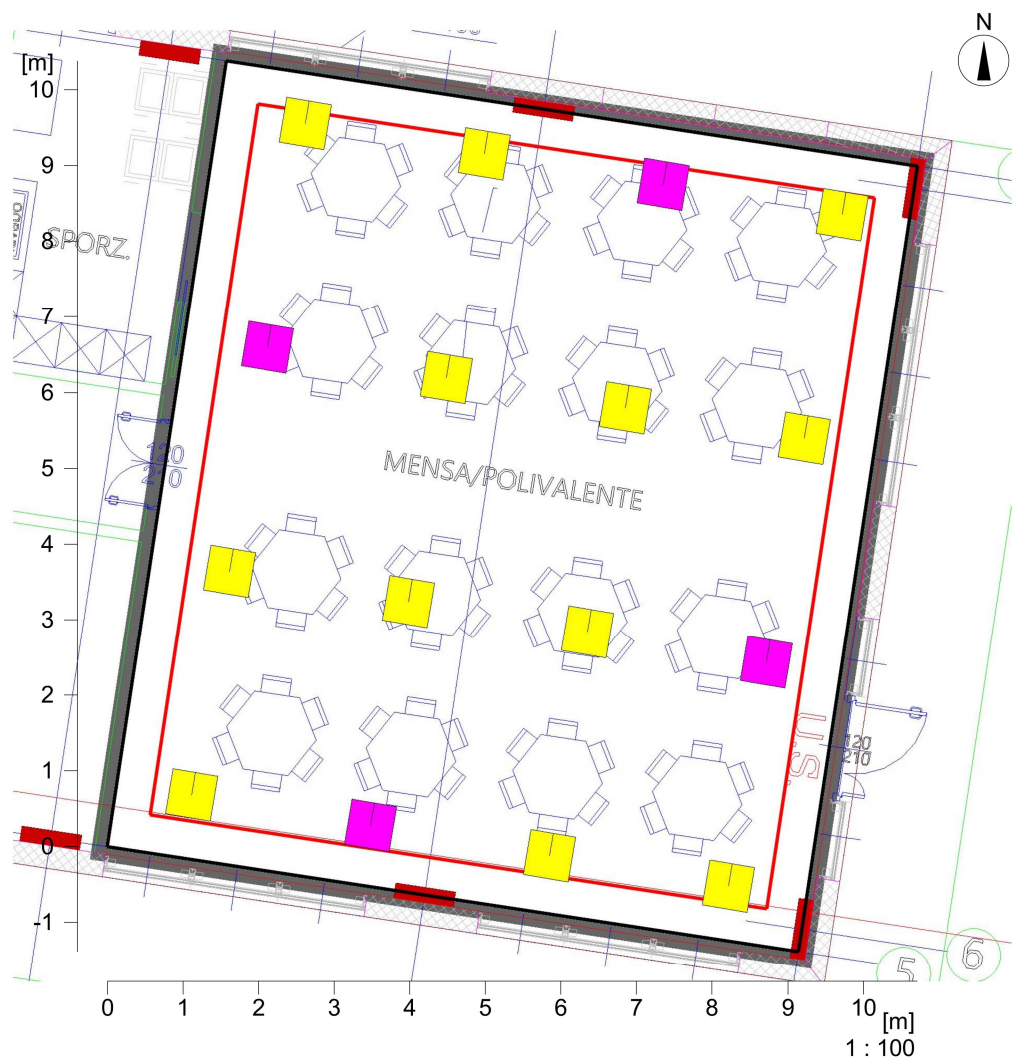
11.2.1 Result overview, Evaluation area 1

		Venture Lighting Europe Ltd	
1	1	Order No.	: PNL013 + KIT01
		Luminaire name	: 27W LED Edge Lit Panel with Driver
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm
2	1	Order No.	: PNL013 + KIT03
		Luminaire name	: 27W LED Edge Lit Panel with Driver + Remote Emergency Pack (335lm)
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm

12 Room 12

12.1 Description, Room 12

12.1.1 Floor plan

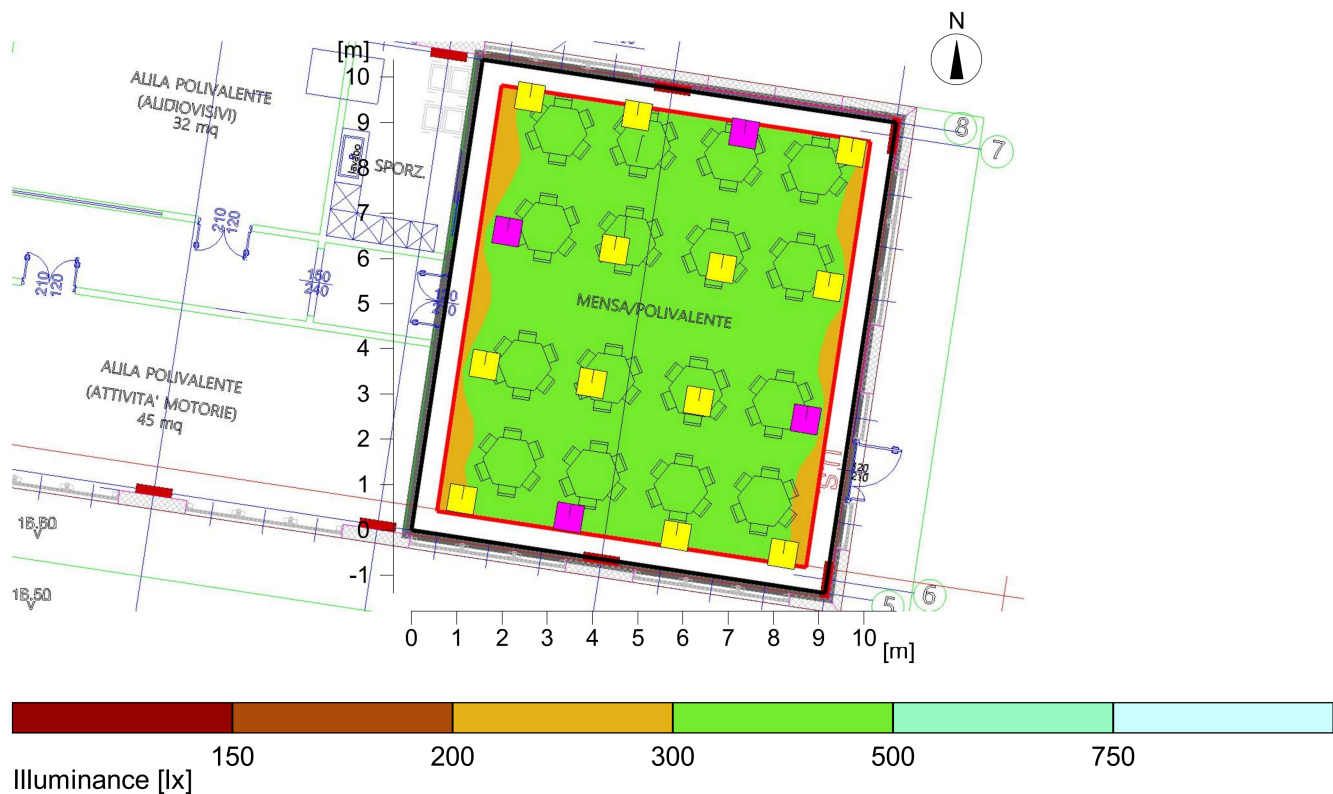


Wall	x	y	Length	Reflectance
1	67.80 m	10.65 m	9.25 m	50.0 %
2	69.38 m	21.03 m	10.50 m	50.0 %
3	60.23 m	22.42 m	9.25 m	50.0 %
4	58.66 m	12.04 m	10.50 m	50.0 %
Floor				20.0 %
Ceiling				70.0 %
Room height		3.20 m		
Height of reference plane		0.75 m		

12 Room 12

12.2 Summary, Room 12

12.2.1 Result overview, Evaluation area 1



General

Calculation algorithm used
Height of luminaire plane
Maintenance factor

Average indirect fraction
3.20 m
0.80

Total luminous flux of all lamps
Total power
Total power per area (97.09 m²)

48699.1992 lm
460.8 W
4.75 W/m² (1.45 W/m²/100lx)

Evaluation area 1

Reference plane 1.1

Horizontal
Em
327 lx
Emin
262 lx
Emin/Eav (Uo)
0.80
Emin/Emax (Ud)
0.69
Position
0.75 m

Major surfaces



m 1.5 (Ceiling)	Em	77 lx	Uo	0.90
m 1.1 (Wall)		238 lx		0.59
m 1.2 (Wall)		203 lx		0.57
m 1.3 (Wall)		237 lx		0.58
m 1.4 (Wall)		207 lx		0.58

Type No.\Make

12 Room 12

12.2 Summary, Room 12

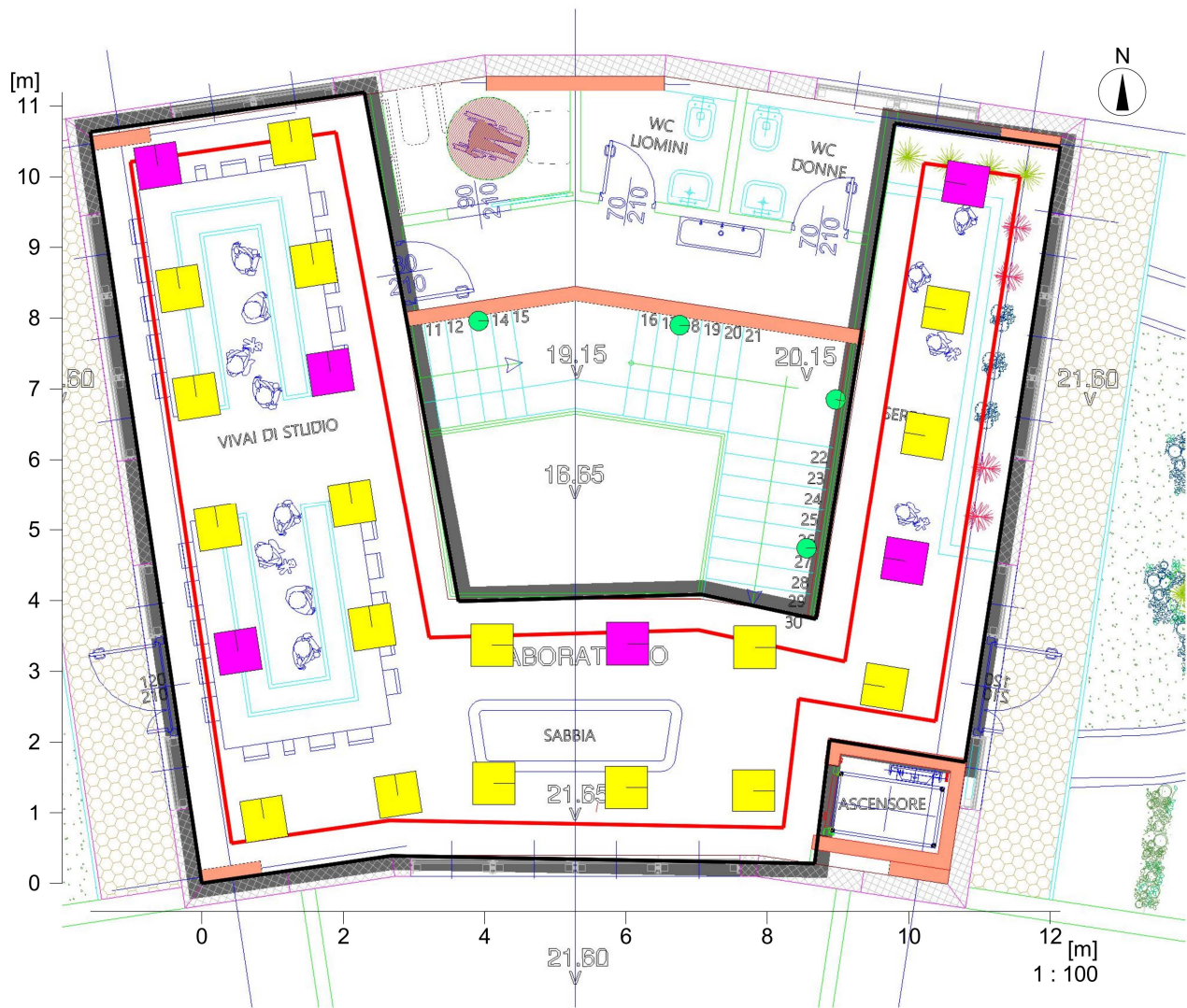
12.2.1 Result overview, Evaluation area 1

		Venture Lighting Europe Ltd	
1	12	Order No.	: PNL013 + KIT01
		Luminaire name	: 27W LED Edge Lit Panel with Driver
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm
2	4	Order No.	: PNL013 + KIT03
		Luminaire name	: 27W LED Edge Lit Panel with Driver + Remote Emergency Pack (335lm)
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm

13 Room 13

13.1 Description, Room 13

13.1.1 Floor plan



13 Room 13

13.1 Description, Room 13

13.1.1 Floor plan

Wall	x	y	Length	Reflectance
1	41.66 m	-7.57 m	2.71 m	50.0 %
2	47.65 m	-7.68 m	5.99 m	50.0 %
3	47.86 m	-5.92 m	1.77 m	50.0 %
4	49.78 m	-6.24 m	1.94 m	50.0 %
5	51.12 m	2.47 m	8.81 m	50.0 %
6	48.78 m	2.80 m	2.37 m	50.0 %
7	47.66 m	-4.22 m	7.10 m	50.0 %
8	46.05 m	-3.87 m	1.65 m	50.0 %
9	42.61 m	-3.97 m	3.44 m	50.0 %
10	41.28 m	3.23 m	7.32 m	50.0 %
11	37.40 m	2.67 m	3.92 m	50.0 %
12	38.98 m	-7.96 m	10.75 m	50.0 %
Floor				20.0 %
Ceiling				70.0 %
Room height		3.20 m		
Height of reference plane		0.75 m		



13 Room 13

13.2 Summary, Room 13

13.2.1 Result overview, Evaluation area 1

m 1.12 (Wall) 337 lx 0.63

Type No.\Make

		Venture Lighting Europe Ltd	
1	17	Order No.	: PNL013 + KIT01
		Luminaire name	: 27W LED Edge Lit Panel with Driver
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm
2	6	Order No.	: PNL013 + KIT03
		Luminaire name	: 27W LED Edge Lit Panel with Driver + Remote Emergency Pack (335lm)
		Equipment	: 1 x LED 4000K 28.8 W / 3043.7 lm