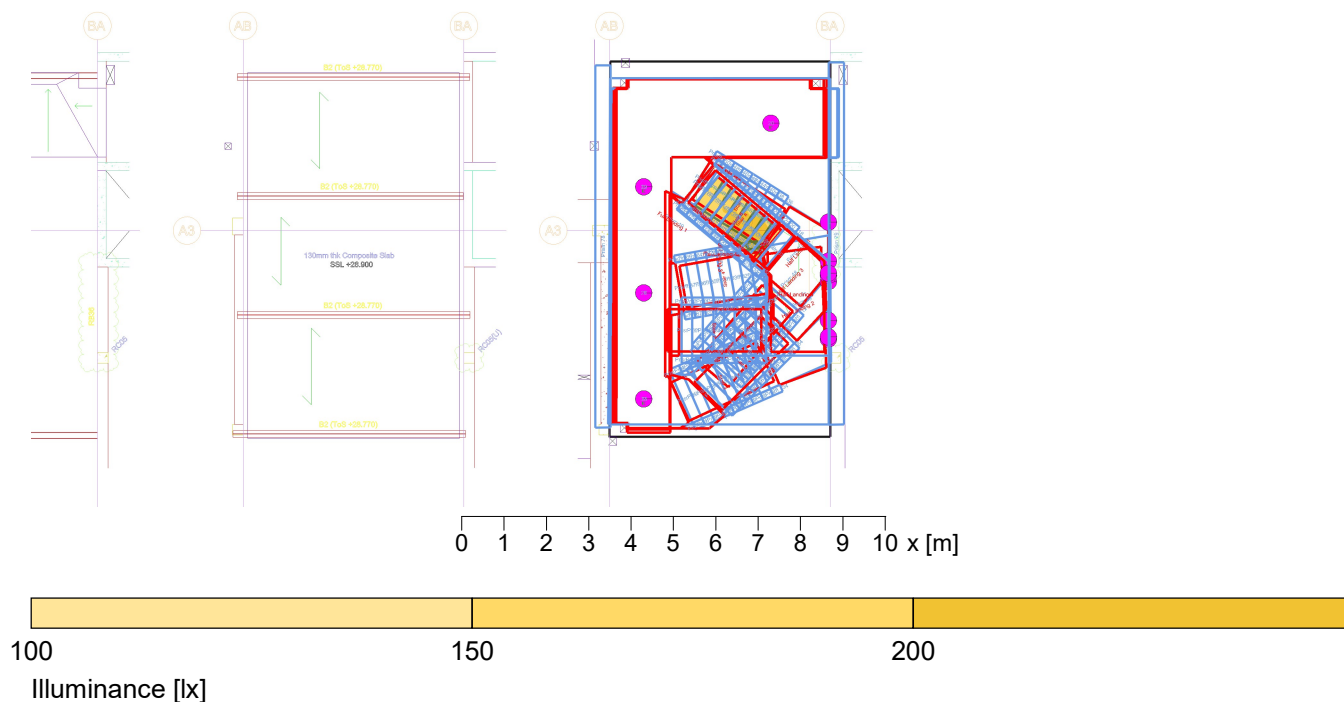


1.2 Summary, Exterior 1

1.2.8 Result overview, Stair 6



General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.80
Total luminous flux of all lamps	75330 lm
Total power	567 W
Total power per area (46.03 m ²)	12.32 W/m ²

Illuminance

Average illuminance	Em	185 lx
Minimum illuminance	Emin	145 lx
Maximum illuminance	Emax	221 lx
Uniformity Uo	Emin/Em	1:1.28 (0.78)
Diversity Ud	Emin/Emax	1:1.53 (0.66)

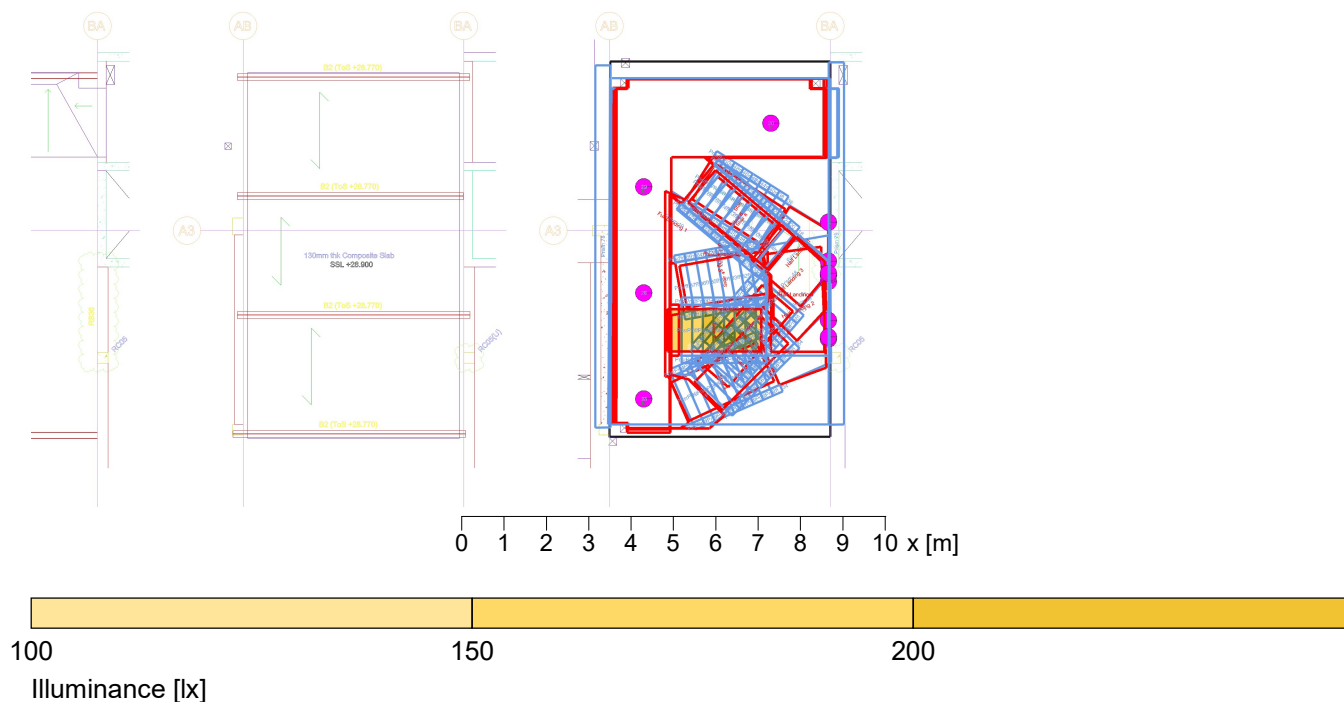
Type No. Make

1	27	Whitecroft Lighting
		Order No. : K6H4274KS
		Luminaire name : KOLO IP65
		Equipment : 1 x LED 21 W / 2790 lm



1.2 Summary, Exterior 1

1.2.9 Result overview, Stair 7



General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.80
Total luminous flux of all lamps	75330 lm
Total power	567 W
Total power per area (46.03 m²)	12.32 W/m²

Illuminance

Average illuminance	Em	176 lx
Minimum illuminance	Emin	116 lx
Maximum illuminance	Emax	229 lx
Uniformity Uo	Emin/Em	1:1.51 (0.66)
Diversity Ud	Emin/Emax	1:1.97 (0.51)

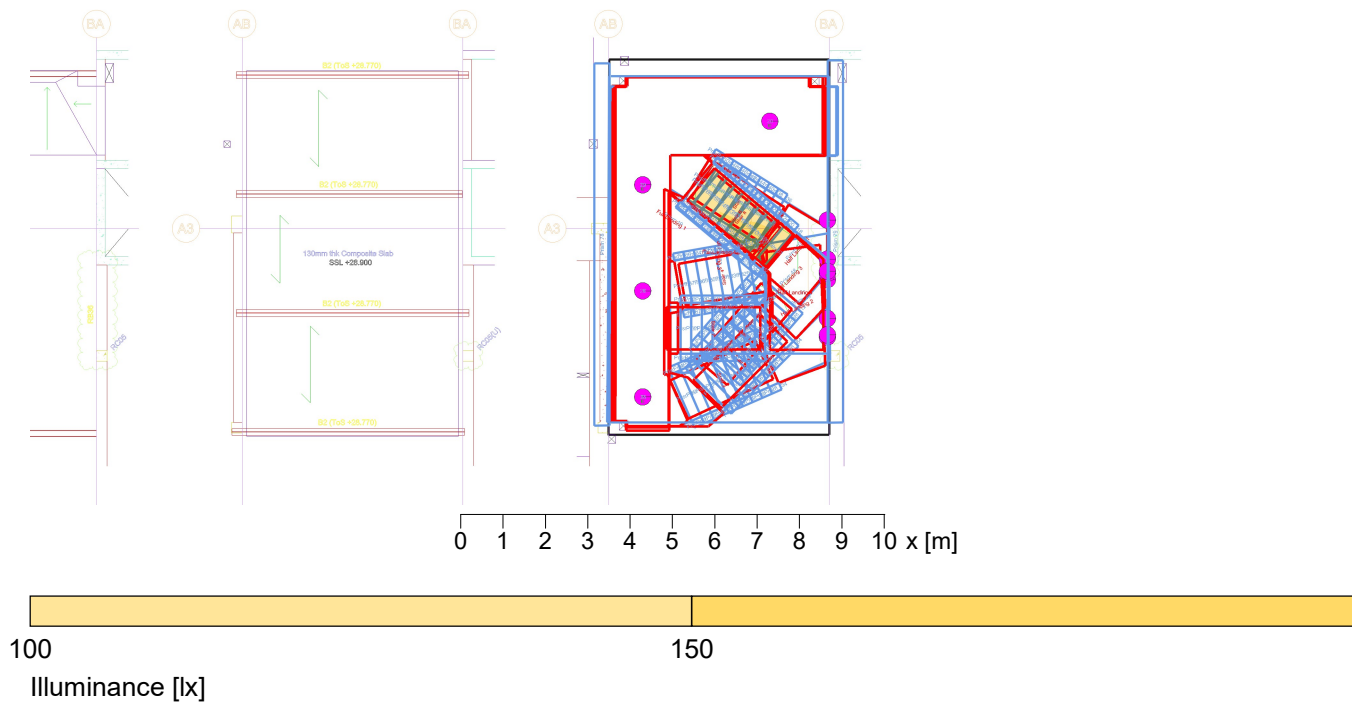
Type No.Make

1	27	Whitecroft Lighting
		Order No. : K6H4274KS
		Luminaire name : KOLO IP65
		Equipment : 1 x LED 21 W / 2790 lm



1.2 Summary, Exterior 1

1.2.10 Result overview, Stair 8



General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.80
Total luminous flux of all lamps	75330 lm
Total power	567 W
Total power per area (46.03 m²)	12.32 W/m²

Illuminance

Average illuminance	Em	137 lx
Minimum illuminance	Emin	104 lx
Maximum illuminance	Emax	175 lx
Uniformity Uo	Emin/Em	1:1.32 (0.76)
Diversity Ud	Emin/Emax	1:1.68 (0.59)

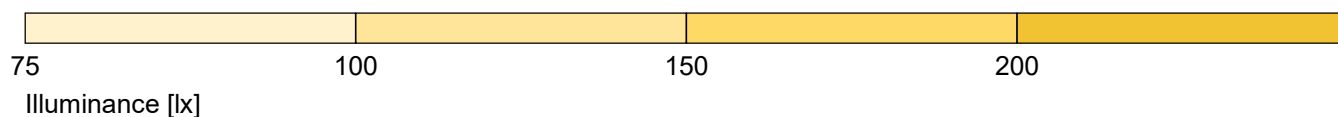
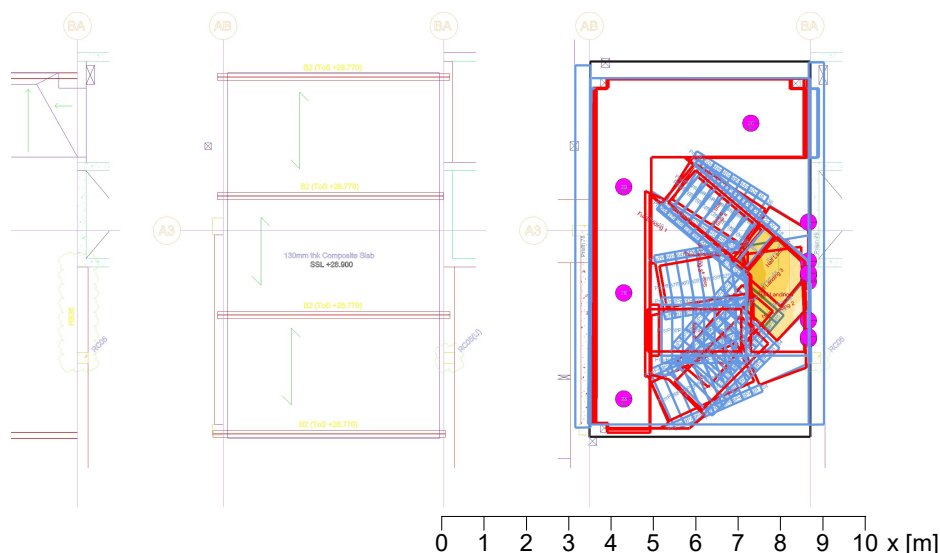
Type No.Make

1	27	Whitecroft Lighting
		Order No. : K6H4274KS
		Luminaire name : KOLO IP65
		Equipment : 1 x LED 21 W / 2790 lm



1.2 Summary, Exterior 1

1.2.11 Result overview, Half Landing 3



General

Calculation algorithm used : Average indirect fraction
 Height of evaluation surface : 8.21 m
 Maintenance factor : 0.80

Total luminous flux of all lamps : 75330 lm
 Total power : 567 W
 Total power per area (46.03 m²) : 12.32 W/m²

Illuminance

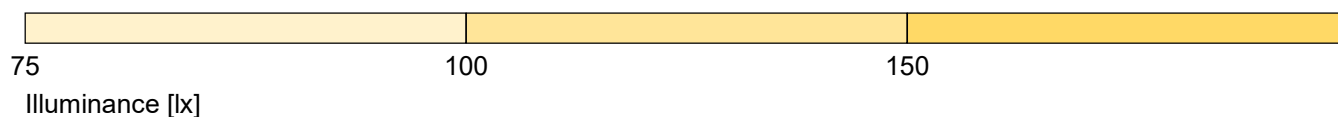
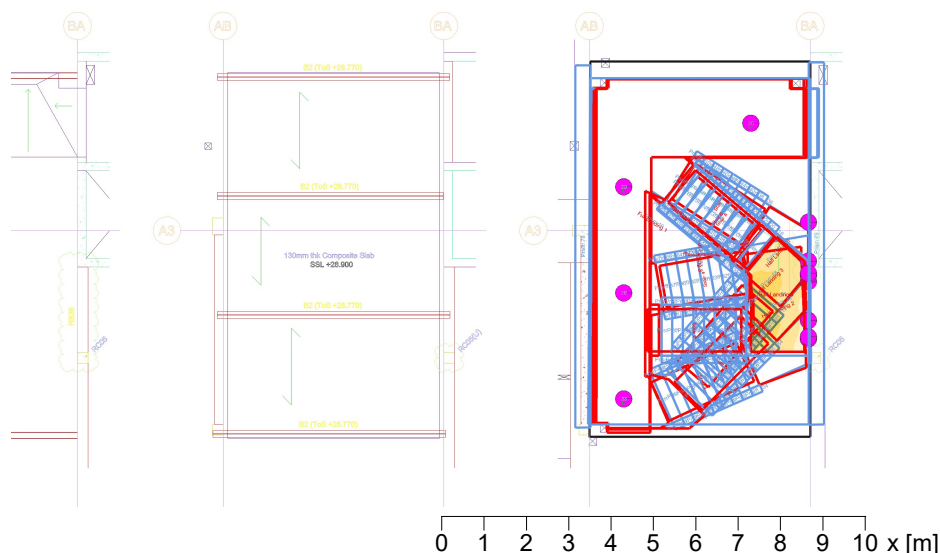
Average illuminance	Em	156 lx
Minimum illuminance	Emin	82 lx
Maximum illuminance	Emax	206 lx
Uniformity Uo	Emin/Emax	1:1.89 (0.53)
Diversity Ud	Emin/Emax	1:2.5 (0.4)

Type No. Make

Whitecroft Lighting
 1 27
 Order No. : K6H4274KS
 Luminaire name : KOLO IP65
 Equipment : 1 x LED 21 W / 2790 lm

1.2 Summary, Exterior 1

1.2.12 Result overview, Half Landing 4



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	11.27 m
Maintenance factor	0.80
Total luminous flux of all lamps	75330 lm
Total power	567 W
Total power per area (46.03 m²)	12.32 W/m²

Illuminance

Average illuminance	Em	134 lx
Minimum illuminance	Emin	85 lx
Maximum illuminance	Emax	189 lx
Uniformity Uo	Emin/Em	1:1.58 (0.63)
Diversity Ud	Emin/Emax	1:2.23 (0.45)

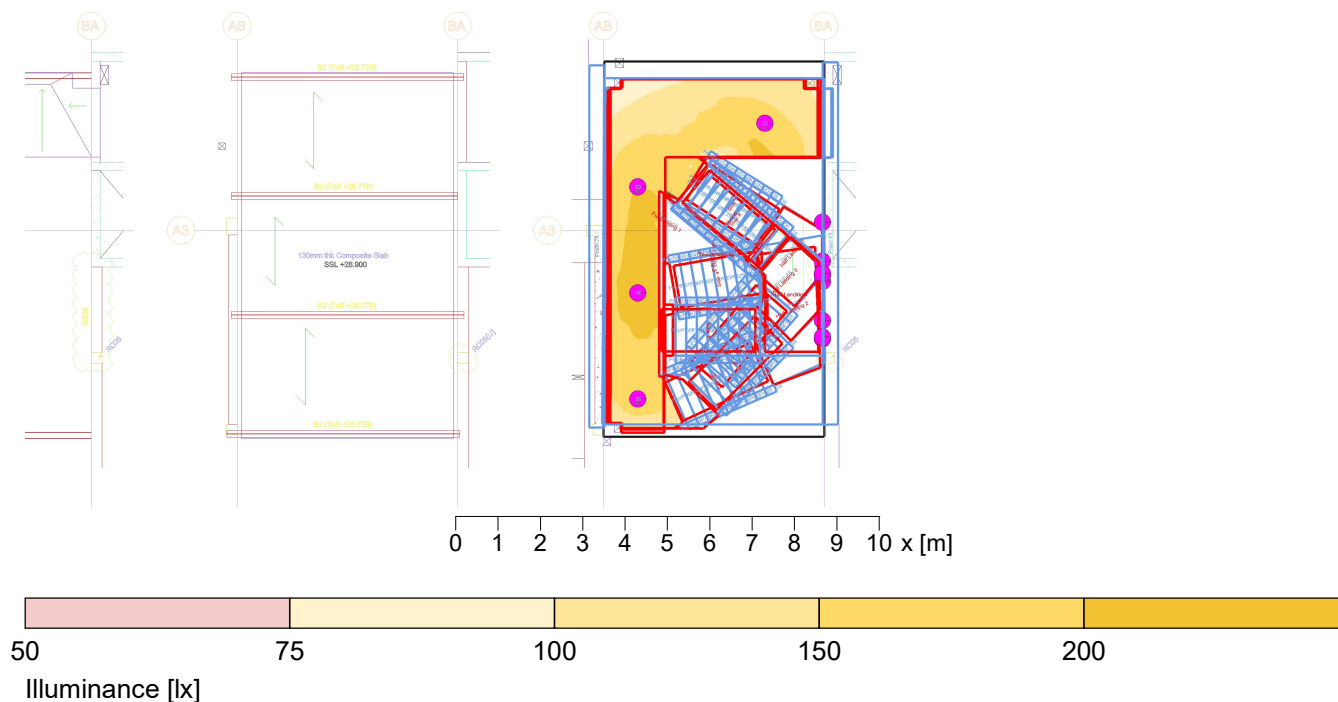
Type No. Make

1	27	Whitecroft Lighting
		Order No. : K6H4274KS
		Luminaire name : KOLO IP65
		Equipment : 1 x LED 21 W / 2790 lm



1.2 Summary, Exterior 1

1.2.13 Result overview, Full Landing 1



General

Calculation algorithm used
 Height of evaluation surface
 Maintenance factor

Average indirect fraction
 3.32 m
 0.80

Total luminous flux of all lamps
 Total power
 Total power per area (46.03 m²)

75330 lm
 567 W
 12.32 W/m²

Illuminance

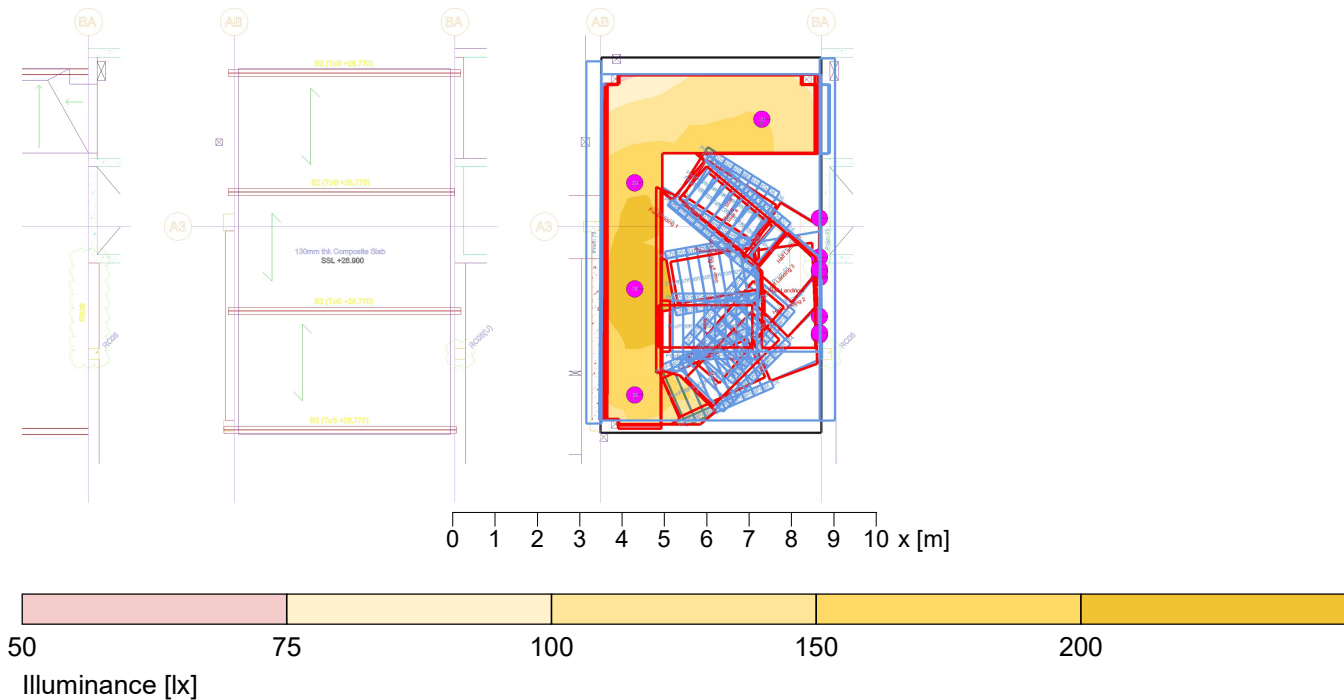
Average illuminance	Em	154 lx
Minimum illuminance	Emin	70 lx
Maximum illuminance	Emax	216 lx
Uniformity Uo	Emin/Emax	1:2.22 (0.45)
Diversity Ud	Emin/Emax	1:3.11 (0.32)

Type No. Make

1 27 **Whitecroft Lighting**
 Order No. : K6H4274KS
 Luminaire name : KOLO IP65
 Equipment : 1 x LED 21 W / 2790 lm

1.2 Summary, Exterior 1

1.2.14 Result overview, Full Landing 2



General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.80
Total luminous flux of all lamps	75330 lm
Total power	567 W
Total power per area (46.03 m²)	12.32 W/m²

Illuminance

Average illuminance	Em	153 lx
Minimum illuminance	Emin	75 lx
Maximum illuminance	Emax	227 lx
Uniformity Uo	Emin/Em	1:2.05 (0.49)
Diversity Ud	Emin/Emax	1:3.03 (0.33)

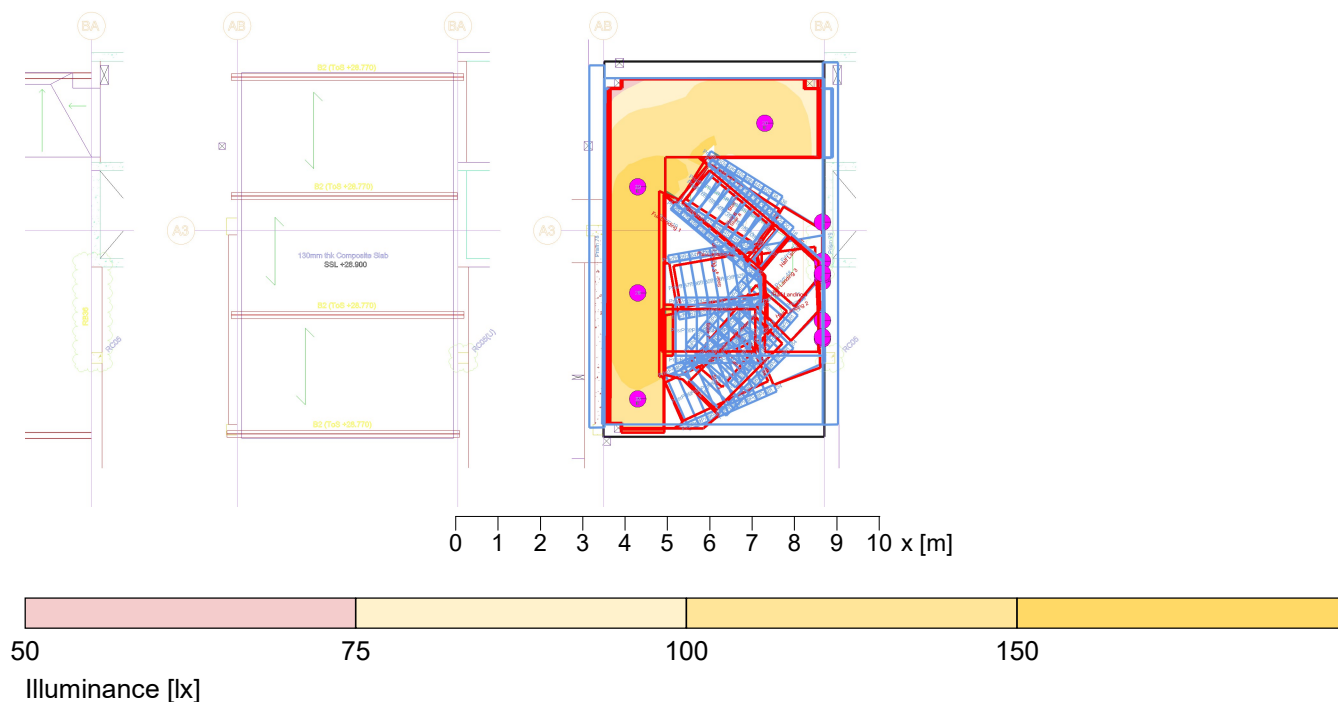
Type No.Make

1	27	Whitecroft Lighting
		Order No. : K6H4274KS
		Luminaire name : KOLO IP65
		Equipment : 1 x LED 21 W / 2790 lm



1.2 Summary, Exterior 1

1.2.15 Result overview, Full landing 3



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	9.69 m
Maintenance factor	0.80
Total luminous flux of all lamps	75330 lm
Total power	567 W
Total power per area (46.03 m ²)	12.32 W/m ²

Illuminance

Average illuminance	Em	136 lx
Minimum illuminance	Emin	69 lx
Maximum illuminance	Emax	198 lx
Uniformity Uo	Emin/Em	1:1.96 (0.51)
Diversity Ud	Emin/Emax	1:2.85 (0.35)

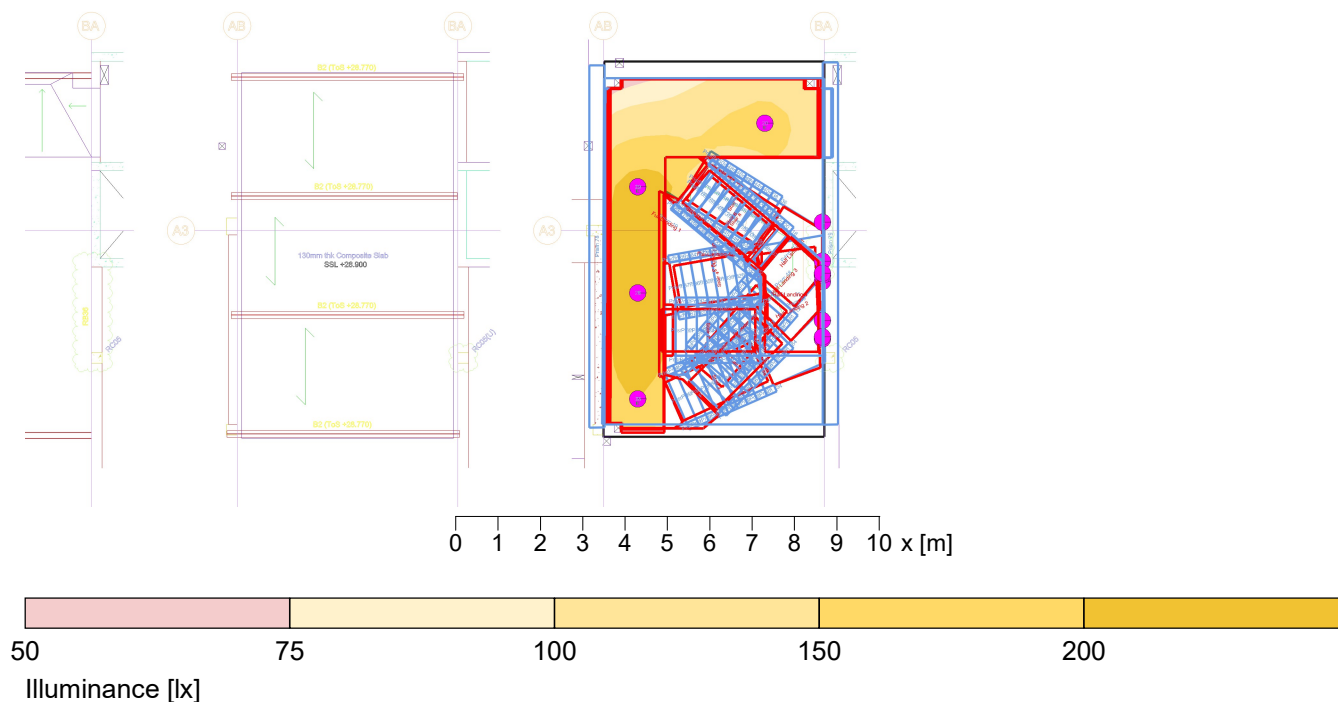
Type No. Make

1	27	Whitecroft Lighting
		Order No. : K6H4274KS
		Luminaire name : KOLO IP65
		Equipment : 1 x LED 21 W / 2790 lm



1.2 Summary, Exterior 1

1.2.16 Result overview, Full Landing 4



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	13.12 m
Maintenance factor	0.80
Total luminous flux of all lamps	75330 lm
Total power	567 W
Total power per area (46.03 m²)	12.32 W/m²

Illuminance

Average illuminance	Em	163 lx
Minimum illuminance	Emin	69 lx
Maximum illuminance	Emax	231 lx
Uniformity Uo	Emin/Em	1:2.36 (0.42)
Diversity Ud	Emin/Emax	1:3.35 (0.3)

Type No. Make

1	27	Whitecroft Lighting
		Order No. : K6H4274KS
		Luminaire name : KOLO IP65
		Equipment : 1 x LED 21 W / 2790 lm



1 Exterior 1

1.3 Summary, Exterior 1

1.3.1 Result overview (emergency lighting)

Type No.\Make

1	18	Whitecroft Lighting	
		Order No.	: K6H4274KS
		Luminaire name	: KOLO IP65
		Equipment	: 1 x LED 21 W / 500 lm



Result evaluation area

Calculation algorithm used: Direct component
 Maintenance factor: 0.8

Emergency area:

No.	Default[lx]	Emin[lx]	Surface Emax[lx]	Diversity	Height
Stair 1					
1	1.0	6.2	14.7	1: 2.37	0.13
Stair 2					
2	1.0	8.0	21.8	1: 2.73	1.82
Half Landing 1					
3	1.0	8.0	24.0	1: 3.00	1.75
Stair 3					
4	1.0	4.3	16.1	1: 3.71	3.53
Half Landing 2					
5	1.0	3.3	16.9	1: 5.14	4.99
Stair 4					
6	1.0	10.3	21.8	1: 2.12	5.17
Stair 5					
7	1.0	4.6	14.9	1: 3.23	6.59

1 Exterior 1

1.3 Summary, Exterior 1

1.3.1 Result overview (emergency lighting)

Stair 6					
8	1.0	12.8	22.5	1: 1.77	8.40
Stair 7					
9	1.0	2.2	16.8	1: 7.49	9.75
Stair 8					
10	1.0	9.4	19.9	1: 2.12	11.42
Half Landing 3					
11	1.0	4.8	17.4	1: 3.62	8.21
Half Landing 4					
12	1.0	4.6	16.4	1: 3.59	11.27
Full Landing 1					
13	1.0	8.1	22.8	1: 2.83	3.32
Full Landing 2					
14	1.0	7.5	21.0	1: 2.79	6.52
Full landing 3					
15	1.0	7.3	18.8	1: 2.59	9.69
Full Landing 4					
16	1.0	7.1	24.3	1: 3.44	13.12