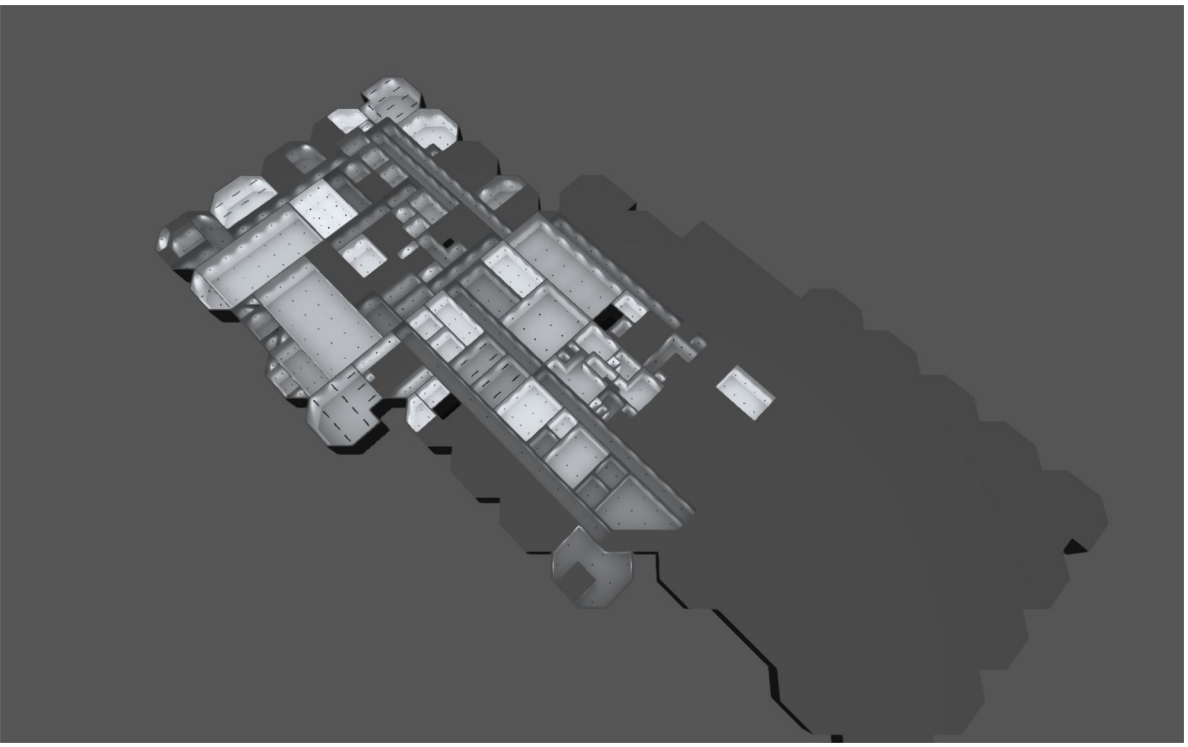

Project 0

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DIALux

Luminaire list

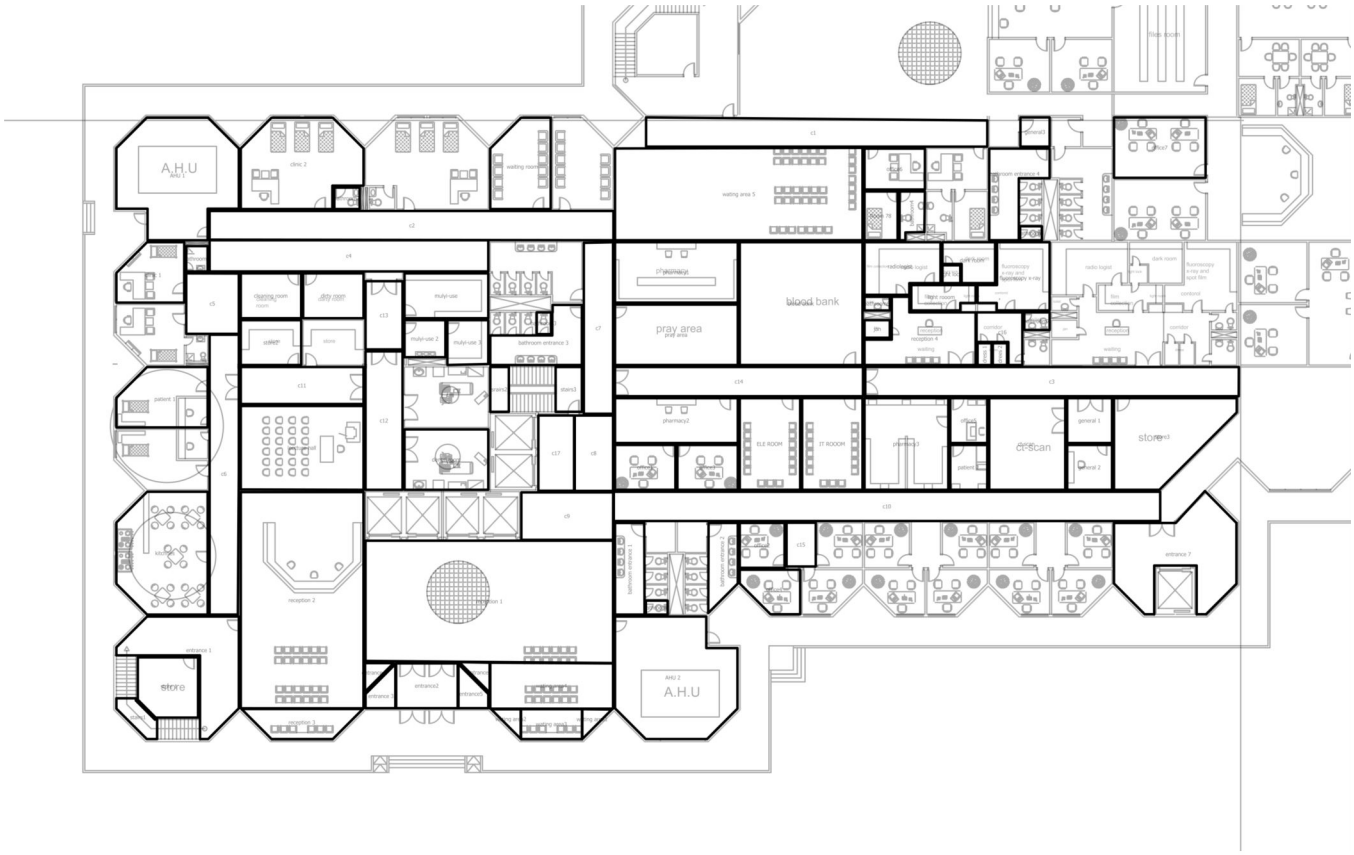
Φ_{total}	P_{total}	Luminous efficacy
1137498 lm	8499.4 W	133.8 lm/W

pcs.	Manufacturer	Article No.	Article name	P	Φ	Luminous efficacy
214	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm	139.0 lm/W
221	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm	131.3 lm/W
1	Philips		DN570B 1 xLED24S/830 F	20.0 W	2600 lm	130.0 lm/W
8	Philips		RS343B 1 xLED49S/840 WB	38.5 W	5174 lm	134.4 lm/W
9	Philips		SM340C PSD L1500 SI 1 x52S/940 PCS	39.0 W	5198 lm	133.3 lm/W
29	Philips		SM341C PSD-T L1500 ACL 1 x26S/940 MLO	24.5 W	2588 lm	105.6 lm/W

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list



DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

AHU 1

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
245.0 W	71.65 m²	3.42 W/m² = 1.40 W/m²/100 lx (Room)	244 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
10	Philips		SM341C PSD-T L1500 ACL 1 x26S/940 MLO	24.5 W	2588 lm

AHU 2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
269.5 W	77.47 m²	3.48 W/m² = 1.40 W/m²/100 lx (Room)	249 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
11	Philips		SM341C PSD-T L1500 ACL 1 x26S/940 MLO	24.5 W	2588 lm

bathroom entrance 1

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
79.2 W	15.95 m²	4.97 W/m² = 1.59 W/m²/100 lx (Room)	313 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
8	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

bathroom entrance 2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
49.5 W	13.10 m²	3.78 W/m² = 1.52 W/m²/100 lx (Room)	248 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
5	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

bathroom entrance 3

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
39.6 W	21.37 m²	1.85 W/m² = 1.62 W/m²/100 lx (Room)	115 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

bathroom entrance 4

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
39.6 W	21.44 m²	1.85 W/m² = 1.65 W/m²/100 lx (Room)	112 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

bathroom1

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
29.9 W	3.22 m²	9.29 W/m² = 6.29 W/m²/100 lx (Room)	148 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm
1	Philips		DN570B 1 xLED24S/830 F	20.0 W	2600 lm

bathroom2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
9.9 W	3.22 m²	3.08 W/m² = 2.12 W/m²/100 lx (Room)	145 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

bathroom2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
9.9 W	1.80 m²	5.50 W/m² = 4.32 W/m²/100 lx (Room)	127 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

bathroom4

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
19.8 W	6.34 m²	3.13 W/m² = 2.04 W/m²/100 lx (Room)	154 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
2	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

bathroom5

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
9.9 W	1.80 m²	5.50 W/m² = 4.24 W/m²/100 lx (Room)	130 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

bathroom6

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
9.9 W	2.05 m²	4.84 W/m² = 3.89 W/m²/100 lx (Room)	124 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

bathroom7

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
9.9 W	2.63 m²	3.76 W/m² = 4.31 W/m²/100 lx (Room)	87.3 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

blood bank

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
276.0 W	89.30 m²	3.09 W/m² = 0.99 W/m²/100 lx (Room)	312 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
12	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

c1

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
79.2 W	55.99 m²	1.41 W/m² = 1.38 W/m²/100 lx (Room)	102 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
8	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

c2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
99.0 W	69.25 m²	1.43 W/m² = 1.35 W/m²/100 lx (Room)	106 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
10	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

c3

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
89.1 W	64.68 m²	1.38 W/m² = 1.34 W/m²/100 lx (Room)	103 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
9	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

c4

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
69.3 W	51.48 m²	1.35 W/m² = 1.29 W/m²/100 lx (Room)	104 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
7	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

c5

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
29.7 W	18.81 m²	1.58 W/m² = 1.18 W/m²/100 lx (Room)	133 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
3	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

c6

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
59.4 W	48.04 m²	1.24 W/m² = 1.31 W/m²/100 lx (Room)	94.1 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
6	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

c7

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
39.6 W	29.64 m²	1.34 W/m² = 1.37 W/m²/100 lx (Room)	97.4 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

c8

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
29.7 W	17.11 m²	1.74 W/m² = 1.50 W/m²/100 lx (Room)	116 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
3	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

c9

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
29.7 W	25.79 m²	1.15 W/m² = 1.15 W/m²/100 lx (Room)	100 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
3	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

c10

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
118.8 W	94.61 m²	1.26 W/m² = 1.32 W/m²/100 lx (Room)	94.9 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
12	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

c11

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
29.7 W	26.93 m²	1.10 W/m² = 1.23 W/m²/100 lx (Room)	89.7 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
3	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

c12

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
39.6 W	30.35 m²	1.30 W/m² = 1.23 W/m²/100 lx (Room)	106 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

c13

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
19.8 W	14.96 m²	1.32 W/m² = 1.33 W/m²/100 lx (Room)	99.6 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
2	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

c14

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
59.4 W	42.94 m²	1.38 W/m² = 1.35 W/m²/100 lx (Room)	102 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
6	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

c16

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
19.8 W	9.93 m²	1.99 W/m² = 1.93 W/m²/100 lx (Room)	104 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
2	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

c17

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
29.7 W	15.93 m²	1.86 W/m² = 1.58 W/m²/100 lx (Room)	118 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
3	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

cleaning room

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
39.6 W	16.04 m²	2.47 W/m² = 1.37 W/m²/100 lx (Room)	180 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

clinic 1

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
230.0 W	21.50 m²	10.70 W/m² = 1.87 W/m²/100 lx (Room)	573 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
10	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

clinic 2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
276.0 W	56.47 m²	4.89 W/m² = 1.01 W/m²/100 lx (Room)	483 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
12	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

ct scan

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
138.0 W	41.24 m²	3.35 W/m² = 1.03 W/m²/100 lx (Room)	324 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
6	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

dark room

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
49.5 W	10.58 m²	4.68 W/m² = 1.70 W/m²/100 lx (Room)	276 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
5	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

dental room

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
184.0 W	29.99 m²	6.13 W/m² = 1.12 W/m²/100 lx (Room)	546 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
8	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

dirty room

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
39.6 W	16.04 m²	2.47 W/m² = 1.37 W/m²/100 lx (Room)	180 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

drees 2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
9.9 W	1.84 m²	5.37 W/m² = 4.17 W/m²/100 lx (Room)	129 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

dress 1

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
19.8 W	1.80 m²	11.00 W/m² = 6.15 W/m²/100 lx (Room)	179 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
2	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

ELE ROOM

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
98.0 W	32.78 m²	2.99 W/m² = 1.46 W/m²/100 lx (Room)	205 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		SM341C PSD-T L1500 ACL 1 x26S/940 MLO	24.5 W	2588 lm

entrance 1

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
49.5 W	41.80 m²	1.18 W/m² = 1.25 W/m²/100 lx (Room)	94.9 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
5	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

entrance 3

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
9.9 W	5.15 m²	1.92 W/m² = 1.98 W/m²/100 lx (Room)	97.0 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

entrance 4

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
9.9 W	2.42 m²	4.09 W/m² = 3.54 W/m²/100 lx (Room)	115 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

entrance 7

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
79.2 W	54.17 m²	1.46 W/m² = 1.27 W/m²/100 lx (Room)	115 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
8	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

entrance2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
29.7 W	16.35 m²	1.82 W/m² = 1.28 W/m²/100 lx (Room)	142 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
3	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

entrance5

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
9.9 W	5.16 m²	1.92 W/m² = 2.01 W/m²/100 lx (Room)	95.2 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

entrance6

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
9.9 W	2.69 m²	3.68 W/m² = 3.23 W/m²/100 lx (Room)	114 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

fluoroscopy x-ray

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
92.0 W	23.34 m²	3.94 W/m² = 1.20 W/m²/100 lx (Room)	329 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

general 1

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
19.8 W	11.90 m²	1.66 W/m² = 1.38 W/m²/100 lx (Room)	121 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
2	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

general 2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
19.8 W	11.90 m²	1.66 W/m² = 1.38 W/m²/100 lx (Room)	121 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
2	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

general3

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
9.9 W	5.06 m²	1.96 W/m² = 1.95 W/m²/100 lx (Room)	100 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

IT ROOOM

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
98.0 W	32.78 m²	2.99 W/m² = 1.60 W/m²/100 lx (Room)	187 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		SM341C PSD-T L1500 ACL 1 x26S/940 MLO	24.5 W	2588 lm

jan

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
9.9 W	2.63 m²	3.76 W/m² = 3.10 W/m²/100 lx (Room)	121 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

kitchnes

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
351.0 W	60.79 m²	5.77 W/m² = 1.11 W/m²/100 lx (Room)	522 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
9	Philips		SM340C PSD L1500 SI 1 x52S/940 PCS	39.0 W	5198 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

leccture hall

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
653.0 W	60.83 m²	10.73 W/m² = 0.97 W/m²/100 lx (Room)	1106 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
15	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm
8	Philips		RS343B 1 xLED49S/840 WB	38.5 W	5174 lm

light lock

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
23.0 W	1.89 m²	12.17 W/m² = 5.61 W/m²/100 lx (Room)	217 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

light rooom

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
46.0 W	8.98 m²	5.12 W/m² = 1.68 W/m²/100 lx (Room)	304 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
2	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

mulyi-use

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
59.4 W	22.25 m²	2.67 W/m² = 1.31 W/m²/100 lx (Room)	203 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
6	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

mulyi-use 2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
29.7 W	8.98 m²	3.31 W/m² = 1.59 W/m²/100 lx (Room)	208 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
3	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

mulyi-use 3

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
39.6 W	10.75 m²	3.68 W/m² = 1.58 W/m²/100 lx (Room)	233 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

office1

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
92.0 W	16.04 m²	5.73 W/m² = 1.29 W/m²/100 lx (Room)	446 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

office2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
92.0 W	11.90 m²	7.73 W/m² = 1.42 W/m²/100 lx (Room)	544 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

office3

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
92.0 W	16.04 m²	5.73 W/m² = 1.29 W/m²/100 lx (Room)	443 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

office4

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
115.0 W	13.13 m²	8.76 W/m² = 1.76 W/m²/100 lx (Room)	499 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
5	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

office5

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
69.0 W	9.83 m²	7.02 W/m² = 1.44 W/m²/100 lx (Room)	486 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
3	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

office6

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
92.0 W	14.65 m²	6.28 W/m² = 1.34 W/m²/100 lx (Room)	470 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

office7

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
184.0 W	32.78 m²	5.61 W/m² = 1.11 W/m²/100 lx (Room)	508 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
8	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

patient 1

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
39.6 W	29.87 m²	1.33 W/m² = 1.19 W/m²/100 lx (Room)	111 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

patient 2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
19.8 W	9.83 m²	2.01 W/m² = 1.62 W/m²/100 lx (Room)	124 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
2	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

pharmacy1

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
276.0 W	43.94 m²	6.28 W/m² = 1.08 W/m²/100 lx (Room)	581 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
12	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

pharmacy2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
207.0 W	32.60 m²	6.35 W/m² = 1.17 W/m²/100 lx (Room)	543 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
9	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

pharmacy3

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
276.0 W	45.47 m²	6.07 W/m² = 1.05 W/m²/100 lx (Room)	580 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
12	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

pray area

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
79.2 W	43.94 m²	1.80 W/m² = 1.13 W/m²/100 lx (Room)	160 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
8	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

radiologist

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
92.0 W	21.53 m²	4.27 W/m² = 1.25 W/m²/100 lx (Room)	342 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

reception 1

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
552.0 W	177.79 m²	3.10 W/m² = 0.91 W/m²/100 lx (Room)	342 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
24	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

reception 2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
552.0 W	157.16 m²	3.51 W/m² = 0.91 W/m²/100 lx (Room)	385 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
24	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

reception 3

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
92.0 W	16.26 m²	5.66 W/m² = 1.81 W/m²/100 lx (Room)	313 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

reception 4

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
115.0 W	31.84 m²	3.61 W/m² = 1.22 W/m²/100 lx (Room)	296 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
5	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

srairs2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
23.0 W	4.93 m²	4.66 W/m² = 3.71 W/m²/100 lx (Room)	126 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

stairs1

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
23.0 W	5.49 m²	4.19 W/m² = 3.48 W/m²/100 lx (Room)	120 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

stairs3

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
23.0 W	6.96 m²	3.30 W/m² = 2.71 W/m²/100 lx (Room)	122 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

store 1

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
39.6 W	20.56 m²	1.93 W/m² = 1.27 W/m²/100 lx (Room)	151 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

store2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
29.7 W	16.04 m²	1.85 W/m² = 1.29 W/m²/100 lx (Room)	144 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
3	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

store3

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
89.1 W	48.89 m²	1.82 W/m² = 1.12 W/m²/100 lx (Room)	163 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
9	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

waiting room

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
69.3 W	29.87 m²	2.32 W/m² = 1.18 W/m²/100 lx (Room)	196 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
7	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

wating area 5

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
345.0 W	134.94 m²	2.56 W/m² = 0.93 W/m²/100 lx (Room)	275 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
15	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm

wating area1

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
9.9 W	2.62 m²	3.78 W/m² = 3.41 W/m²/100 lx (Room)	111 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1 (Light scene 1)

Room list

wating area2

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
9.9 W	2.58 m²	3.84 W/m² = 3.36 W/m²/100 lx (Room)	114 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
1	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

wating area3

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
39.6 W	10.79 m²	3.67 W/m² = 1.64 W/m²/100 lx (Room)	224 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
4	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

wating area4

P_{total}	A_{Room}	Lighting power density	$\bar{E}_{perpendicular\ (Working\ plane)}$
89.1 W	33.18 m²	2.69 W/m² = 1.24 W/m²/100 lx (Room)	217 lx

pcs.	Manufacturer	Article No.	Article name	P	$\Phi_{Luminaire}$
9	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm

DIALux

Building 1 · Storey 1

Luminaire list

Φ_{total}	P_{total}	Luminous efficacy
1137498 lm	8499.4 W	133.8 lm/W

pcs.	Manufacturer	Article No.	Article name	P	Φ	Luminous efficacy
214	Philips		DN470B PSD-VLC-E P 1 xLED30S/840 C P	23.0 W	3198 lm	139.0 lm/W
221	Philips		DN570B 1 xLED12S/830 C	9.9 W	1300 lm	131.3 lm/W
1	Philips		DN570B 1 xLED24S/830 F	20.0 W	2600 lm	130.0 lm/W
8	Philips		RS343B 1 xLED49S/840 WB	38.5 W	5174 lm	134.4 lm/W
9	Philips		SM340C PSD L1500 SI 1 x52S/940 PCS	39.0 W	5198 lm	133.3 lm/W
29	Philips		SM341C PSD-T L1500 ACL 1 x26S/940 MLO	24.5 W	2588 lm	105.6 lm/W

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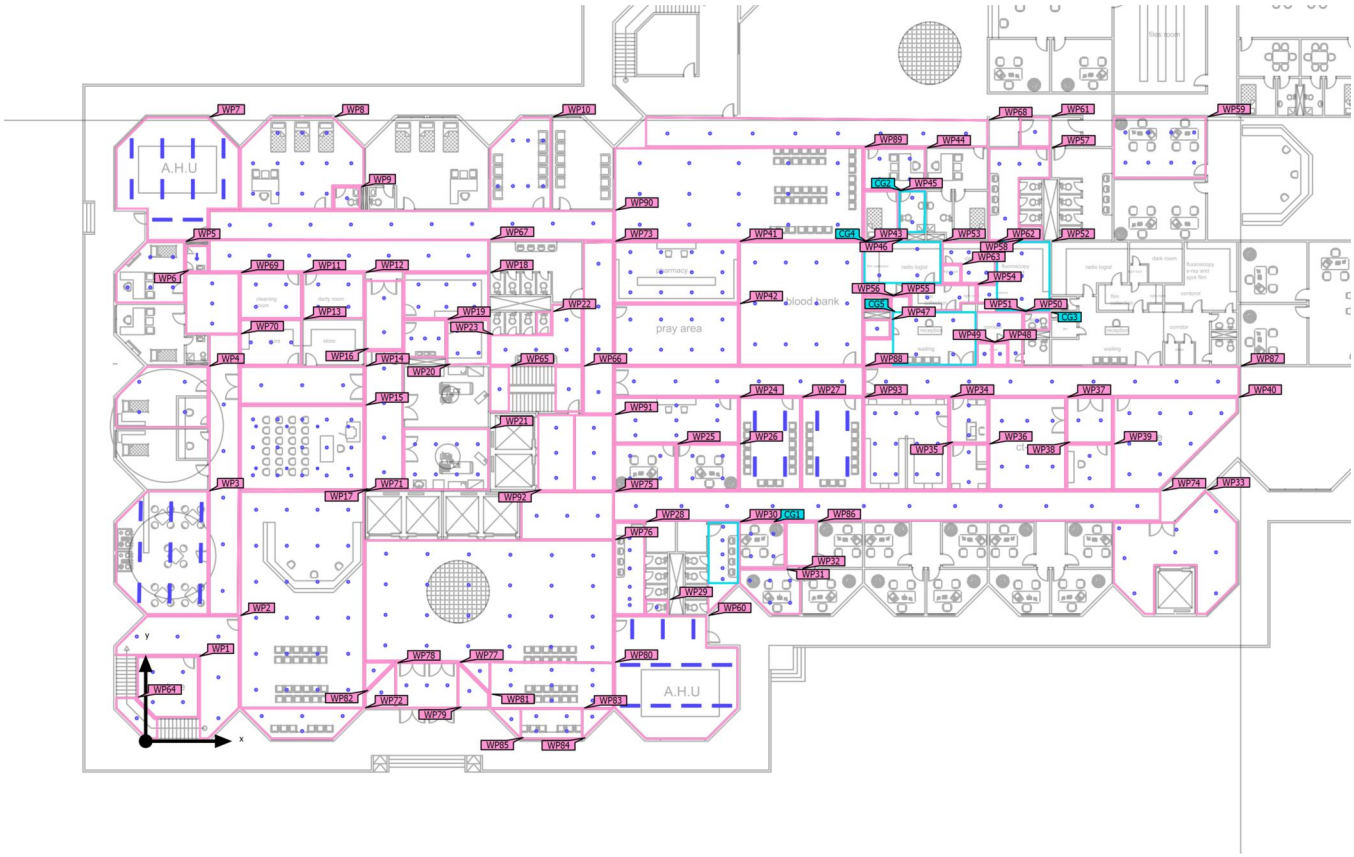
Building 1 · Storey 1 (Light scene 1)

Calculation objects



Building 1 · Storey 1 (Light scene 1)

Calculation objects

Working planes

Properties	Ē (Target)	E_{min}	E_{max}	U_o (g_1) (Target)	g_2	Index
Working plane (store 1) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	151 lx (≥ 150 lx) ✓	83.0 lx	191 lx	0.55 (≥ 0.40) ✓	0.43	WP1
Working plane (entrance 1) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	94.9 lx (≥ 100 lx) ✗	42.8 lx	122 lx	0.45 (≥ 0.40) ✓	0.35	WP2
Working plane (kitchnes) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	522 lx (≥ 500 lx) ✓	233 lx	661 lx	0.45 (≥ 0.60) ✗	0.35	WP3
Working plane (patient 1) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	111 lx (≥ 100 lx) ✓	51.2 lx	150 lx	0.46 (≥ 0.70) ✗	0.34	WP4
Working plane (clinic 1) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	573 lx (≥ 450 lx) ✓	337 lx	758 lx	0.59 (≥ 0.60) ✗	0.44	WP5
Working plane (bathroom1) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	148 lx (≥ 100 lx) ✓	133 lx	166 lx	0.90 (≥ 0.40) ✓	0.80	WP6
Working plane (AHU 1) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	244 lx (≥ 200 lx) ✓	119 lx	333 lx	0.49 (≥ 0.00) ✓	0.36	WP7
Working plane (clinic 2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	483 lx (≥ 450 lx) ✓	170 lx	633 lx	0.35 (≥ 0.60) ✗	0.27	WP8
Working plane (bathroom2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	145 lx (≥ 100 lx) ✓	115 lx	171 lx	0.79 (≥ 0.40) ✓	0.67	WP9
Working plane (waiting room) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	196 lx (≥ 200 lx) ✗	90.3 lx	283 lx	0.46 (≥ 0.40) ✓	0.32	WP10
Working plane (cleaning room) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	180 lx (≥ 150 lx) ✓	109 lx	235 lx	0.61 (≥ 0.60) ✓	0.46	WP11

Building 1 · Storey 1 (Light scene 1)

Calculation objects

Working plane (dirty room) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	180 lx (≥ 150 lx) ✓	107 lx	233 lx	0.59 (≥ 0.60) ✗	0.46	WP12
Working plane (store2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	144 lx (≥ 150 lx) ✗	72.6 lx	210 lx	0.50 (≥ 0.40) ✓	0.35	WP13
Working plane (c11) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	89.7 lx (≥ 100 lx) ✗	44.8 lx	119 lx	0.50 (≥ 0.40) ✓	0.38	WP14
Working plane (leccture hall) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	1106 lx (≥ 500 lx) ✓	398 lx	1762 lx	0.36 (≥ 0.60) ✗	0.23	WP15
Working plane (c13) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	99.6 lx (≥ 100 lx) ✗	55.1 lx	129 lx	0.55 (≥ 0.40) ✓	0.43	WP16
Working plane (c12) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	106 lx (≥ 100 lx) ✓	53.1 lx	135 lx	0.50 (≥ 0.40) ✓	0.39	WP17
Working plane (mulyi-use) Perpendicular illuminance (adaptive) Height: 0.760 m, Wall zone: 0.000 m	203 lx (≥ 200 lx) ✓	116 lx	259 lx	0.57 (≥ 0.33) ✓	0.45	WP18
Working plane (mulyi-use 2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	208 lx (≥ 200 lx) ✓	133 lx	272 lx	0.64 (≥ 0.00) ✓	0.49	WP19
Working plane (mulyi-use 3) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	233 lx (≥ 200 lx) ✓	156 lx	297 lx	0.67 (≥ 0.00) ✓	0.53	WP20
Working plane (dental room) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	546 lx (≥ 500 lx) ✓	290 lx	706 lx	0.53 (≥ 0.60) ✗	0.41	WP21
Working plane (bathroom3) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	0.00 lx (≥ 100 lx) ✗	0.00 lx	0.00 lx	- (≥ 0.40)	-	WP22
Working plane (bathroom entrance 3) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	115 lx (≥ 100 lx) ✓	73.3 lx	150 lx	0.64 (≥ 0.40) ✓	0.49	WP23

Building 1 · Storey 1 (Light scene 1)

Calculation objects

Working plane (pharmacy2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	543 lx (≥ 500 lx) ✓	285 lx	692 lx	0.52 (≥ 0.60) ✗	0.41	WP24
Working plane (office1) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	446 lx (≥ 450 lx) ✗	266 lx	575 lx	0.60 (≥ 0.60) ✓	0.46	WP25
Working plane (office3) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	443 lx (≥ 450 lx) ✗	266 lx	577 lx	0.60 (≥ 0.60) ✓	0.46	WP26
Working plane (ELE ROOM) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	205 lx (≥ 200 lx) ✓	99.9 lx	268 lx	0.49 (≥ 0.40) ✓	0.37	WP27
Working plane (bathroom entrance 1) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	313 lx (≥ 200 lx) ✓	200 lx	380 lx	0.64 (≥ 0.40) ✓	0.53	WP28
Working plane (bathroom2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	127 lx (≥ 100 lx) ✓	117 lx	135 lx	0.92 (≥ 0.40) ✓	0.87	WP29
Working plane (bathroom entrance 2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	248 lx (≥ 200 lx) ✓	47.4 lx	339 lx	0.19 (≥ 0.40) ✗	0.14	WP30
Working plane (office2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	544 lx (≥ 450 lx) ✓	344 lx	705 lx	0.63 (≥ 0.60) ✓	0.49	WP31
Working plane (office4) Perpendicular illuminance (adaptive) Height: 0.000 m, Wall zone: 0.000 m	499 lx (≥ 450 lx) ✓	312 lx	611 lx	0.63 (≥ 0.60) ✓	0.51	WP32
Working plane (entrance 7) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	115 lx (≥ 100 lx) ✓	48.7 lx	182 lx	0.42 (≥ 0.40) ✓	0.27	WP33
Working plane (pharmacy3) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	580 lx (≥ 500 lx) ✓	289 lx	742 lx	0.50 (≥ 0.60) ✗	0.39	WP34
Working plane (office5) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	486 lx (≥ 450 lx) ✓	316 lx	628 lx	0.65 (≥ 0.60) ✓	0.50	WP35

Building 1 · Storey 1 (Light scene 1)

Calculation objects

Working plane (patient 2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	124 lx (≥ 150 lx) ✗	87.1 lx	154 lx	0.70 (≥ 0.60) ✓	0.57	WP36
Working plane (ct scan) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	324 lx (≥ 300 lx) ✓	147 lx	434 lx	0.45 (≥ 0.60) ✗	0.34	WP37
Working plane (general 1) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	121 lx (≥ 100 lx) ✓	63.4 lx	173 lx	0.52 (≥ 0.40) ✓	0.37	WP38
Working plane (general 2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	121 lx (≥ 200 lx) ✗	63.2 lx	173 lx	0.52 (≥ 0.40) ✓	0.37	WP39
Working plane (store3) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	163 lx (≥ 150 lx) ✓	84.4 lx	200 lx	0.52 (≥ 0.40) ✓	0.42	WP40
Working plane (pharmacy1) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	581 lx (≥ 500 lx) ✓	297 lx	726 lx	0.51 (≥ 0.60) ✗	0.41	WP41
Working plane (pray area) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	160 lx (≥ 150 lx) ✓	81.5 lx	197 lx	0.51 (≥ 0.00) ✓	0.41	WP42
Working plane (blood bank) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	312 lx (≥ 250 lx) ✓	152 lx	390 lx	0.49 (≥ 0.00) ✓	0.39	WP43
Working plane (office6) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	470 lx (≥ 450 lx) ✓	295 lx	602 lx	0.63 (≥ 0.60) ✓	0.49	WP44
Working plane (Room 78) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	0.00 lx (≥ 500 lx) ✗	0.00 lx	0.00 lx	- (≥ 0.60)	-	WP45
Working plane (bathroom4) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	154 lx (≥ 100 lx) ✓	30.6 lx	187 lx	0.20 (≥ 0.40) ✗	0.16	WP46
Working plane (jan) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	121 lx (≥ 100 lx) ✓	108 lx	132 lx	0.89 (≥ 0.40) ✓	0.82	WP47

Building 1 · Storey 1 (Light scene 1)

Calculation objects

Working plane (dress 1) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	179 lx (≥ 150 lx) ✓	169 lx	190 lx	0.94 (≥ 0.60) ✓	0.89	WP48
Working plane (drees 2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	129 lx (≥ 150 lx) ✗	118 lx	137 lx	0.91 (≥ 0.60) ✓	0.86	WP49
Working plane (c16) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	104 lx (≥ 100 lx) ✓	46.3 lx	144 lx	0.45 (≥ 0.40) ✓	0.32	WP50
Working plane (bathroom7) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	87.3 lx (≥ 200 lx) ✗	80.8 lx	92.4 lx	0.93 (≥ 0.40) ✓	0.87	WP51
Working plane (fluoroscopy x-ray) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	329 lx (≥ 300 lx) ✓	116 lx	498 lx	0.35 (≥ 0.60) ✗	0.23	WP52
Working plane (radiologist) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	342 lx (≥ 300 lx) ✓	93.5 lx	450 lx	0.27 (≥ 0.60) ✗	0.21	WP53
Working plane (light rooom) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	304 lx (≥ 300 lx) ✓	206 lx	364 lx	0.68 (≥ 0.60) ✓	0.57	WP54
Working plane (bathroom6) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	124 lx (≥ 100 lx) ✓	109 lx	135 lx	0.88 (≥ 0.40) ✓	0.81	WP55
Working plane (reception 4) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	296 lx (≥ 300 lx) ✗	27.0 lx	374 lx	0.091 (≥ 0.60) ✗	0.072	WP56
Working plane (bathroom entrance 4) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	112 lx (≥ 100 lx) ✓	49.7 lx	179 lx	0.44 (≥ 0.40) ✓	0.28	WP57
Working plane (bathroom5) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	130 lx (≥ 100 lx) ✓	119 lx	138 lx	0.92 (≥ 0.40) ✓	0.86	WP58
Working plane (office7) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	508 lx (≥ 450 lx) ✓	270 lx	651 lx	0.53 (≥ 0.60) ✗	0.41	WP59

Building 1 · Storey 1 (Light scene 1)

Calculation objects

Working plane (AHU 2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	249 lx (≥ 200 lx) ✓	103 lx	333 lx	0.41 (≥ 0.00) ✓	0.31	WP60
Working plane (general3) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	100 lx (≥ 100 lx) ✓	77.8 lx	120 lx	0.78 (≥ 0.40) ✓	0.65	WP61
Working plane (dark room) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	276 lx (≥ 300 lx) ✗	168 lx	361 lx	0.61 (≥ 0.60) ✓	0.47	WP62
Working plane (light lock) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	217 lx (≥ 100 lx) ✓	210 lx	226 lx	0.97 (≥ 0.00) ✓	0.93	WP63
Working plane (stairs1) Perpendicular illuminance (adaptive) Height: 0.000 m, Wall zone: 0.000 m	120 lx (≥ 120 lx) ✓	90.7 lx	134 lx	0.76 (≥ 0.40) ✓	0.68	WP64
Working plane (srairs2) Perpendicular illuminance (adaptive) Height: 0.000 m, Wall zone: 0.000 m	126 lx (≥ 120 lx) ✓	112 lx	137 lx	0.89 (≥ 0.40) ✓	0.82	WP65
Working plane (stairs3) Perpendicular illuminance (adaptive) Height: 0.000 m, Wall zone: 0.000 m	122 lx (≥ 120 lx) ✓	105 lx	132 lx	0.86 (≥ 0.40) ✓	0.80	WP66
Working plane (c4) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	104 lx (≥ 100 lx) ✓	53.5 lx	127 lx	0.51 (≥ 0.40) ✓	0.42	WP67
Working plane (c1) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	102 lx (≥ 100 lx) ✓	51.0 lx	125 lx	0.50 (≥ 0.40) ✓	0.41	WP68
Working plane (c5) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	133 lx (≥ 100 lx) ✓	58.6 lx	209 lx	0.44 (≥ 0.40) ✓	0.28	WP69
Working plane (c6) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	94.1 lx (≥ 100 lx) ✗	46.7 lx	123 lx	0.50 (≥ 0.40) ✓	0.38	WP70
Working plane (reception 2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	385 lx (≥ 300 lx) ✓	168 lx	448 lx	0.44 (≥ 0.60) ✗	0.38	WP71

Building 1 · Storey 1 (Light scene 1)

Calculation objects

Working plane (reception 3) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	313 lx (≥ 300 lx) ✓	148 lx	410 lx	0.47 (≥ 0.60) ✗	0.36	WP72
Working plane (c7) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	97.4 lx (≥ 100 lx) ✗	52.5 lx	123 lx	0.54 (≥ 0.40) ✓	0.43	WP73
Working plane (c10) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	94.9 lx (≥ 100 lx) ✗	48.1 lx	120 lx	0.51 (≥ 0.40) ✓	0.40	WP74
Working plane (c9) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	100 lx (≥ 100 lx) ✓	43.5 lx	144 lx	0.44 (≥ 0.40) ✓	0.30	WP75
Working plane (reception 1) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	342 lx (≥ 300 lx) ✓	141 lx	410 lx	0.41 (≥ 0.60) ✗	0.34	WP76
Working plane (entrance2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	142 lx (≥ 100 lx) ✓	71.8 lx	207 lx	0.51 (≥ 0.40) ✓	0.35	WP77
Working plane (entrance 3) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	97.0 lx (≥ 100 lx) ✗	41.6 lx	121 lx	0.43 (≥ 0.40) ✓	0.34	WP78
Working plane (entrance5) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	95.2 lx (≥ 100 lx) ✗	49.9 lx	118 lx	0.52 (≥ 0.40) ✓	0.42	WP79
Working plane (wating area4) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	217 lx (≥ 200 lx) ✓	114 lx	282 lx	0.53 (≥ 0.40) ✓	0.40	WP80
Working plane (entrance6) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	114 lx (≥ 100 lx) ✓	72.3 lx	131 lx	0.63 (≥ 0.40) ✓	0.55	WP81
Working plane (entrance 4) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	115 lx (≥ 100 lx) ✓	79.0 lx	131 lx	0.69 (≥ 0.40) ✓	0.60	WP82
Working plane (wating area3) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	224 lx (≥ 200 lx) ✓	151 lx	280 lx	0.67 (≥ 0.40) ✓	0.54	WP83

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Building 1 · Storey 1 (Light scene 1)

Calculation objects

Working plane (wating area1) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	111 lx (≥ 100 lx) ✓	70.9 lx	128 lx	0.64 (≥ 0.40) ✓	0.55	WP84
Working plane (wating area2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	114 lx (≥ 100 lx) ✓	78.5 lx	129 lx	0.69 (≥ 0.40) ✓	0.61	WP85
Working plane (c15) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	0.00 lx (≥ 100 lx) ✗	0.00 lx	0.00 lx	- (≥ 0.40)	-	WP86
Working plane (c3) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	103 lx (≥ 100 lx) ✓	55.4 lx	126 lx	0.54 (≥ 0.40) ✓	0.44	WP87
Working plane (c14) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	102 lx (≥ 100 lx) ✓	54.7 lx	125 lx	0.54 (≥ 0.40) ✓	0.44	WP88
Working plane (wating area 5) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	275 lx (≥ 200 lx) ✓	112 lx	369 lx	0.41 (≥ 0.40) ✓	0.30	WP89
Working plane (c2) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	106 lx (≥ 100 lx) ✓	51.7 lx	128 lx	0.49 (≥ 0.40) ✓	0.40	WP90
Working plane (c8) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	116 lx (≥ 100 lx) ✓	74.0 lx	148 lx	0.64 (≥ 0.40) ✓	0.50	WP91
Working plane (c17) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	118 lx (≥ 100 lx) ✓	78.8 lx	149 lx	0.67 (≥ 0.40) ✓	0.53	WP92
Working plane (IT ROOOM) Perpendicular illuminance (adaptive) Height: 0.800 m, Wall zone: 0.000 m	187 lx (≥ 200 lx) ✗	102 lx	233 lx	0.55 (≥ 0.00) ✓	0.44	WP93

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	215 lx	159 lx	256 lx	0.74	0.62	CG1

Building 1 · Storey 1 (Light scene 1)

Calculation objects

Calculation surface 2 Perpendicular illuminance Height: 0.000 m	117 lx	93.1 lx	131 lx	0.80	0.71	CG2
Calculation surface 3 Perpendicular illuminance Height: 0.000 m	282 lx	159 lx	382 lx	0.56	0.42	CG3
Calculation surface 4 Perpendicular illuminance Height: 0.000 m	305 lx	200 lx	375 lx	0.66	0.53	CG4
Calculation surface 5 Perpendicular illuminance Height: 0.000 m	276 lx	166 lx	341 lx	0.60	0.49	CG5