



Gurnos Police Station

Table of Contents

Cover	1
Table of Contents	2
Luminaire list	3

Site 1

Luminaire layout plan	4
Calculation objects / Light scene 1	9
Calculation surface 1 / Light scene 1 / Perpendicular illuminance	12
Calculation surface 2 / Light scene 1 / Perpendicular illuminance	13

Site 1

LHS Front

Working plane (LHS Front) / Light scene 1 / Perpendicular illuminance (adaptive)	14
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Site 1

Rear Patio Area

Working plane (Rear Patio Area) / Light scene 1 / Perpendicular illuminance (adaptive)	15
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Site 1

RHS upto gate

Working plane (RHS upto gate) / Light scene 1 / Perpendicular illuminance (adaptive)	16
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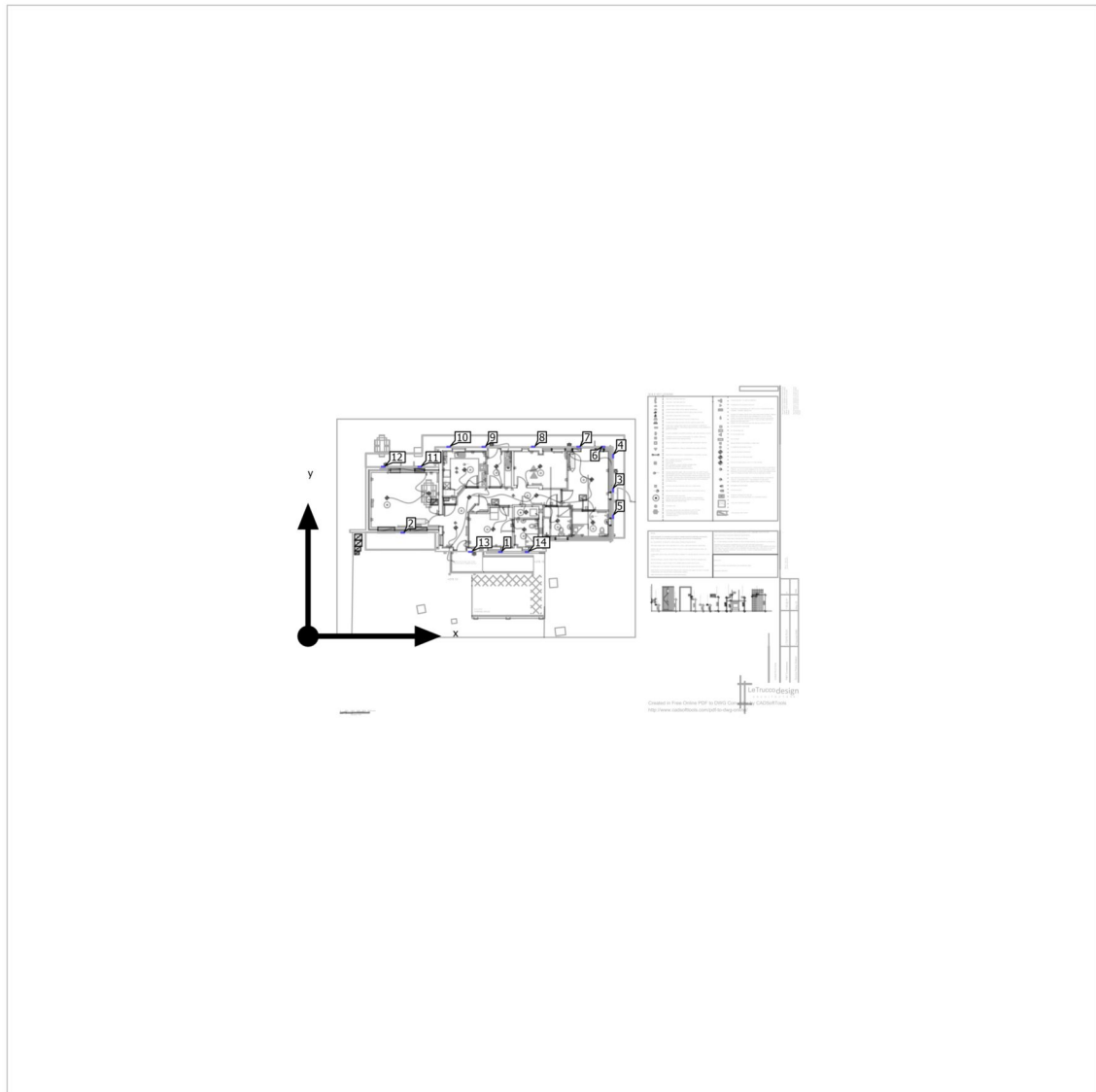
Luminaire list

Φ_{total} 29468 lm	P_{total} 250.0 W	Luminous efficacy 117.9 lm/W
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pcs.	Manufacturer	Article No.	Article name	P	Φ	Luminous efficacy
6	COLLINGWOOD	WL9527CC S 4000K 15W-B	WL9527CCS 4000K 15W	15.0 W	1748 lm	116.5 lm/W
1	COLLINGWOOD	WL9527CC S 4000K 25W-B	WL9527CCS 4000K 25W	25.0 W	2997 lm	119.9 lm/W
4	COLLINGWOOD	WL9527M CS 4000K 15W-B	WL9527MCS 4000K 15W	15.0 W	1748 lm	116.5 lm/W
3	COLLINGWOOD	WL9527M CS 4000K 25W-B	WL9527MCS 4000K 25W	25.0 W	2997 lm	119.9 lm/W

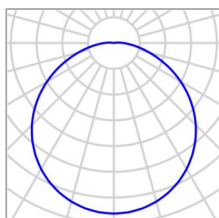
Site 1

Luminaire layout plan



Site 1

Luminaire layout plan



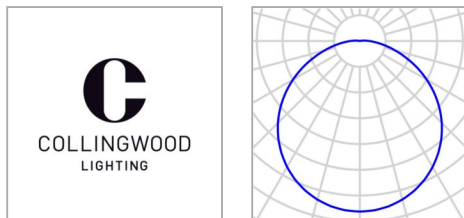
Manufacturer	COLLINGWOOD	P	15.0 W
Article No.	WL9527CCS 4000K 15W-B	$\Phi_{\text{Luminaire}}$	1748 lm
Article name	WL9527CCS 4000K 15W		
Fitting	1x LED		

Individual luminaires

X	Y	Mounting height	Luminaire
26.352 m	15.573 m	1.800 m	4
26.353 m	10.332 m	1.800 m	5
25.526 m	16.349 m	1.800 m	6
19.472 m	16.357 m	1.800 m	8
12.158 m	16.349 m	1.800 m	10
6.500 m	14.626 m	1.800 m	12

Site 1

Luminaire layout plan



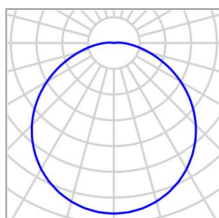
Manufacturer	COLLINGWOOD	P	25.0 W
Article No.	WL9527CCS 4000K 25W-B	$\Phi_{\text{Luminaire}}$	2997 lm
Article name	WL9527CCS 4000K 25W		
Fitting	1x LED		

Individual luminaires

X	Y	Mounting height	Luminaire
8.188 m	8.978 m	2.000 m	2

Site 1

Luminaire layout plan



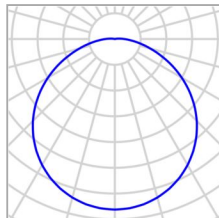
Manufacturer	COLLINGWOOD	P	15.0 W
Article No.	WL9527MCS 4000K 15W-B	$\Phi_{\text{Luminaire}}$	1748 lm
Article name	WL9527MCS 4000K 15W		
Fitting	1x LED		

Individual luminaires

X	Y	Mounting height	Luminaire
26.352 m	12.627 m	1.800 m	3
23.403 m	16.349 m	1.800 m	7
15.204 m	16.347 m	1.800 m	9
9.657 m	14.626 m	1.800 m	11

Site 1

Luminaire layout plan



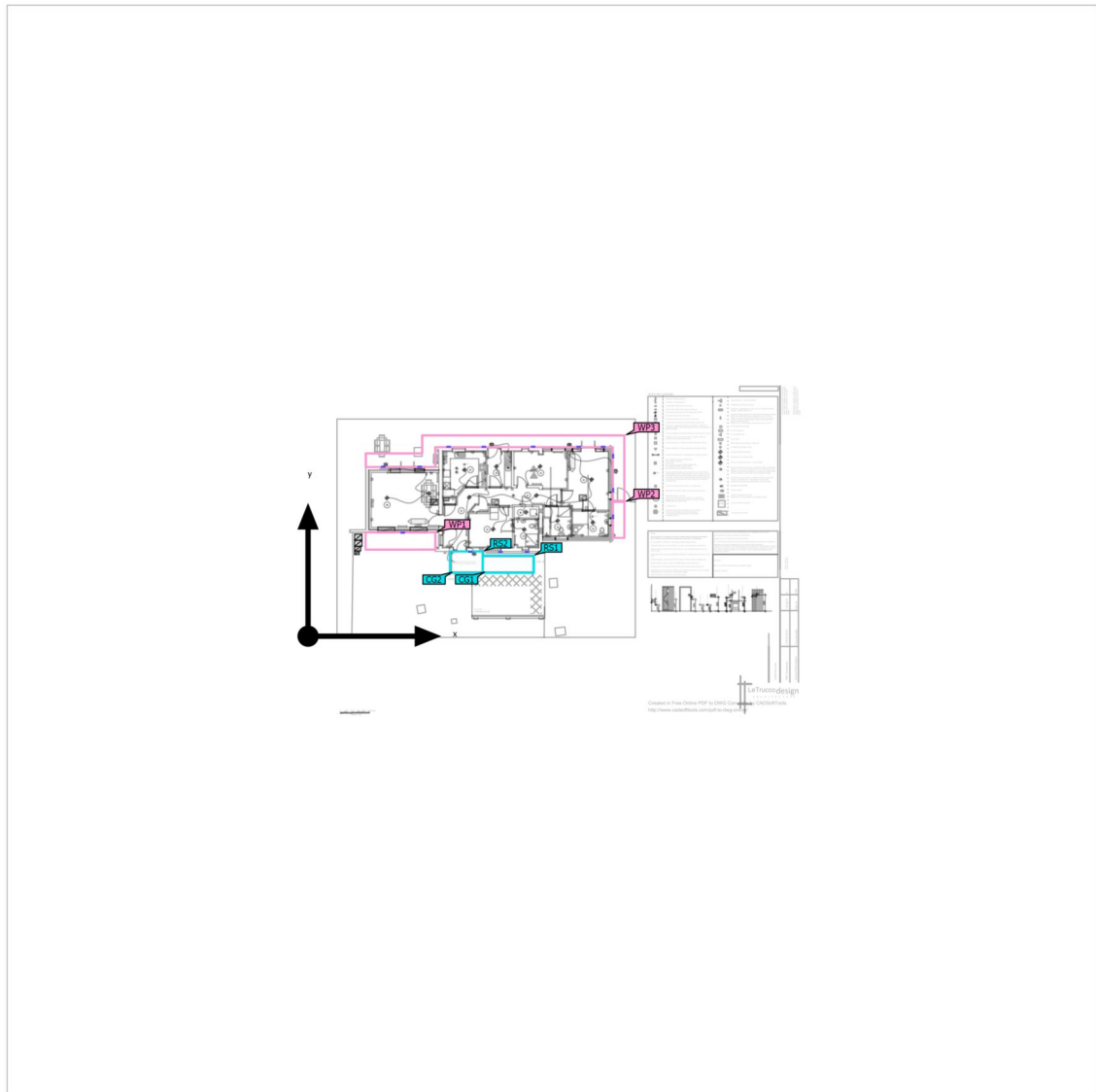
Manufacturer	COLLINGWOOD	P	25.0 W
Article No.	WL9527MCS 4000K 25W-B	$\Phi_{\text{Luminaire}}$	2997 lm
Article name	WL9527MCS 4000K 25W		
Fitting	1x LED		

Individual luminaires

X	Y	Mounting height	Luminaire
16.641 m	7.321 m	2.000 m	1
14.042 m	7.324 m	2.000 m	13
18.934 m	7.322 m	2.000 m	14

Site 1 (Light scene 1)

Calculation objects



Site 1 (Light scene 1)

Calculation objects

Working planes

Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Working plane (LHS Front) Perpendicular illuminance (adaptive) Height: 0.000 m, Wall zone: 0.000 m	25.6 lx	2.67 lx	63.7 lx	0.10	0.042	WP1
Working plane (RHS upto gate) Perpendicular illuminance (adaptive) Height: 0.000 m, Wall zone: 0.000 m	29.4 lx	7.45 lx	55.7 lx	0.25	0.13	WP2
Working plane (Rear Patio Area) Perpendicular illuminance (adaptive) Height: 0.000 m, Wall zone: 0.000 m	30.8 lx	8.50 lx	58.6 lx	0.28	0.15	WP3

Surface result objects

Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Ramp 2 Perpendicular illuminance (adaptive) Height: 0.300 m	89.3 lx	38.5 lx	119 lx	0.43	0.32	RS1
Ramp 2 Luminance Height: 0.300 m	5.68 cd/m ²	2.45 cd/m ²	7.58 cd/m ²	0.43	0.32	RS1
Ramp Perpendicular illuminance (adaptive) Height: 0.500 m	74.8 lx	12.0 lx	125 lx	0.16	0.096	RS2
Ramp Luminance Height: 0.500 m	11.9 cd/m ²	1.91 cd/m ²	19.9 cd/m ²	0.16	0.096	RS2

Calculation surfaces

Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Calculation surface 1 Perpendicular illuminance Height: 0.247 m	89.9 lx	39.4 lx	122 lx	0.44	0.32	CG1

Site 1 (Light scene 1)

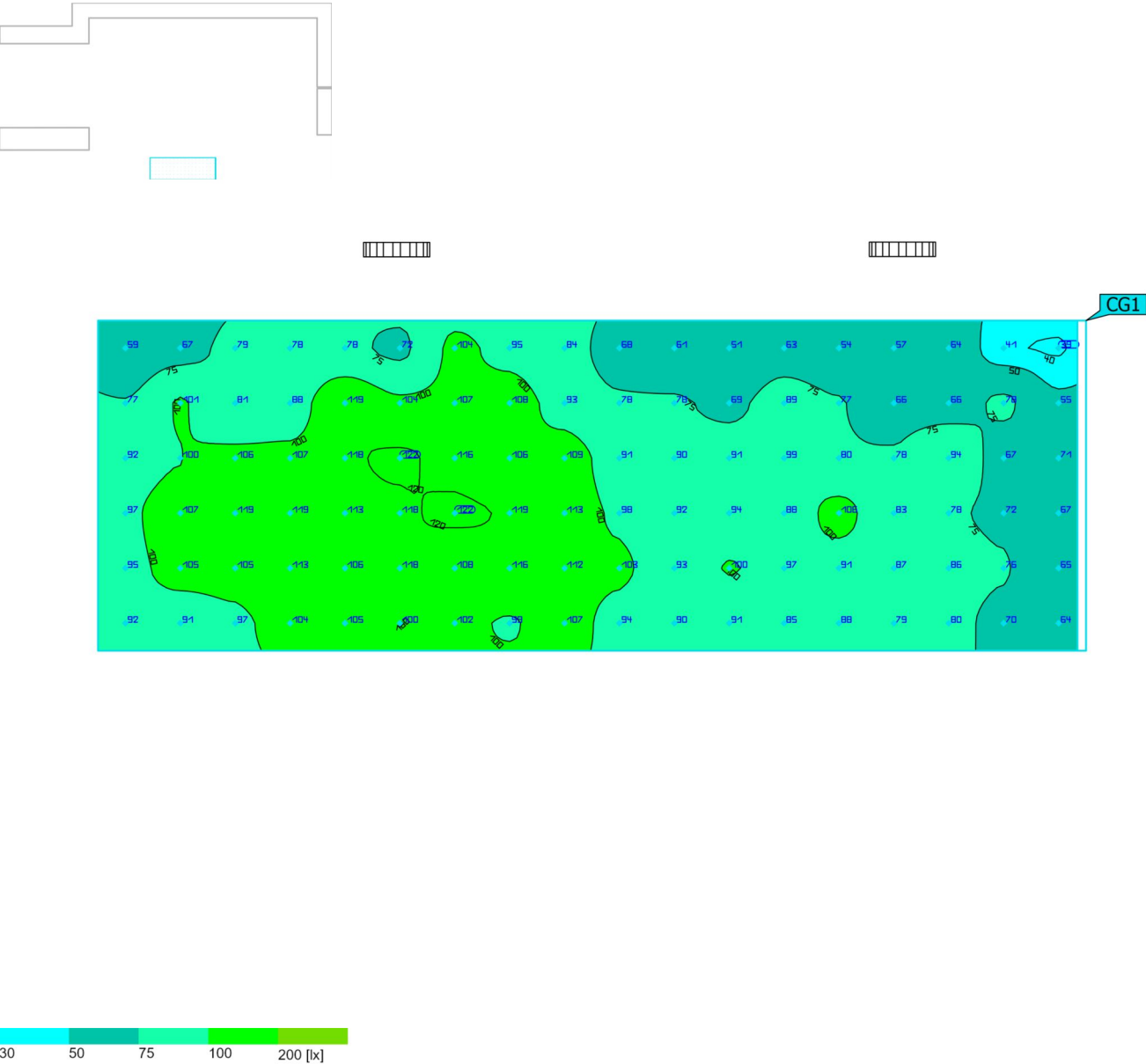
Calculation objects

Calculation surface 2	76.1 lx	13.0 lx	134 lx	0.17	0.097	CG2
Perpendicular illuminance						
Height: 0.500 m						

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

Site 1 (Light scene 1)

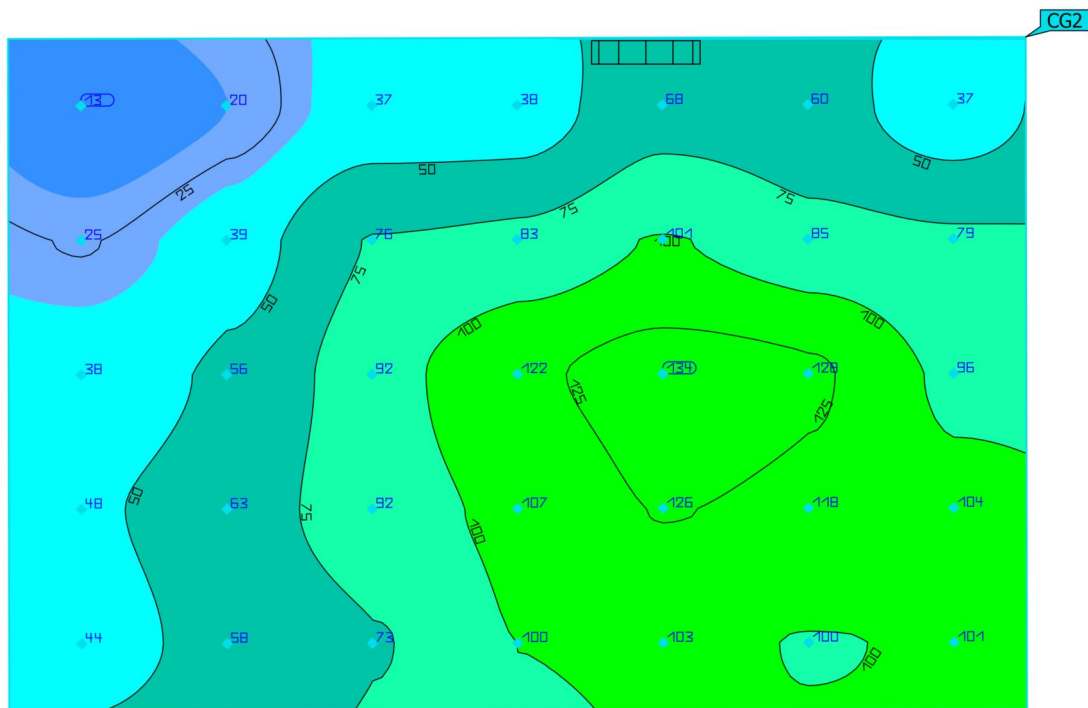
Calculation surface 1



Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Calculation surface 1 Perpendicular illuminance Height: 0.247 m	89.9 lx	39.4 lx	122 lx	0.44	0.32	CG1

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

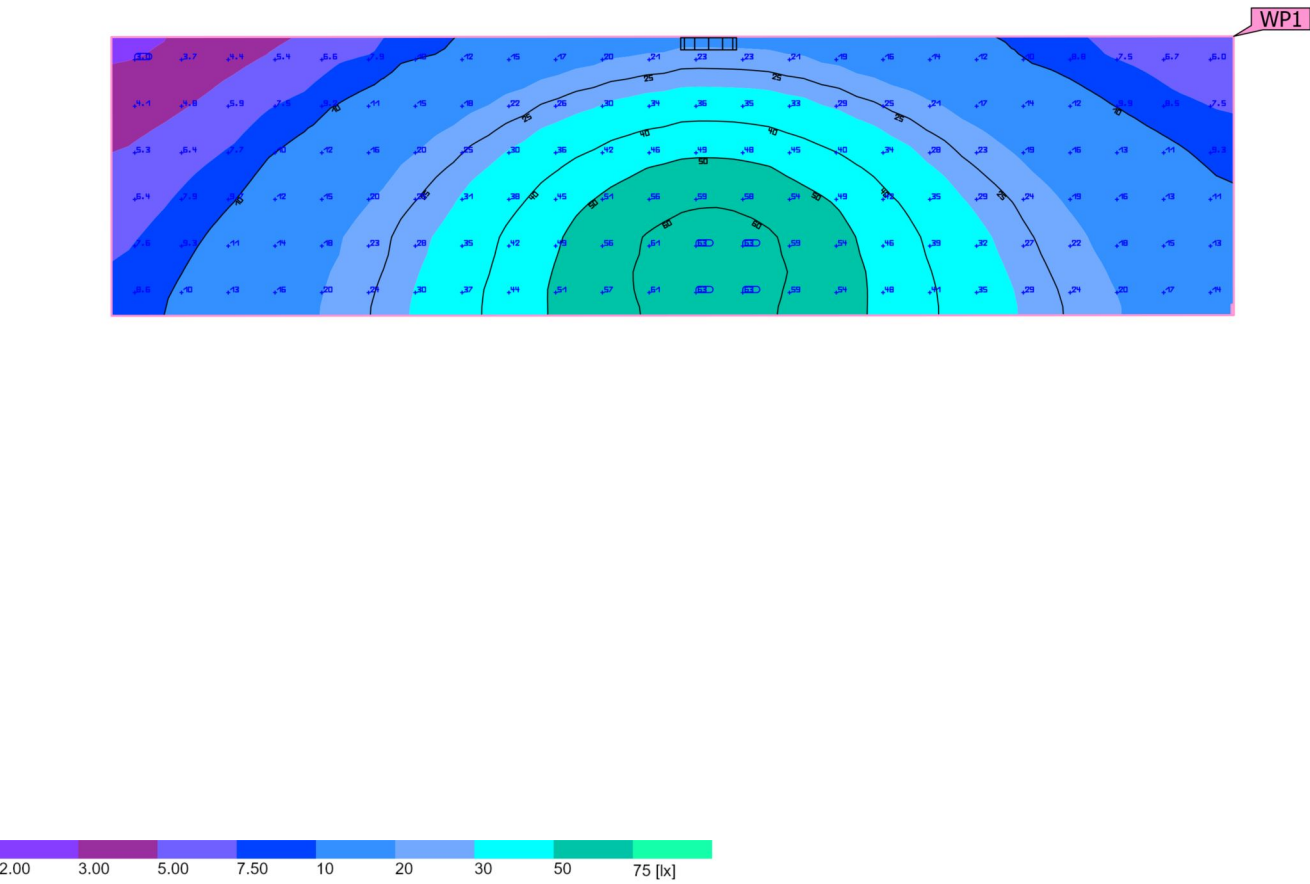
Site 1 (Light scene 1)

Calculation surface 2

Properties	$\bar{E}$	$E_{\min}$	$E_{\max}$	$U_o (g_1)$	g_2	Index
Calculation surface 2 Perpendicular illuminance Height: 0.500 m	76.1 lx	13.0 lx	134 lx	0.17	0.097	CG2

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

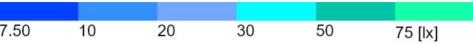
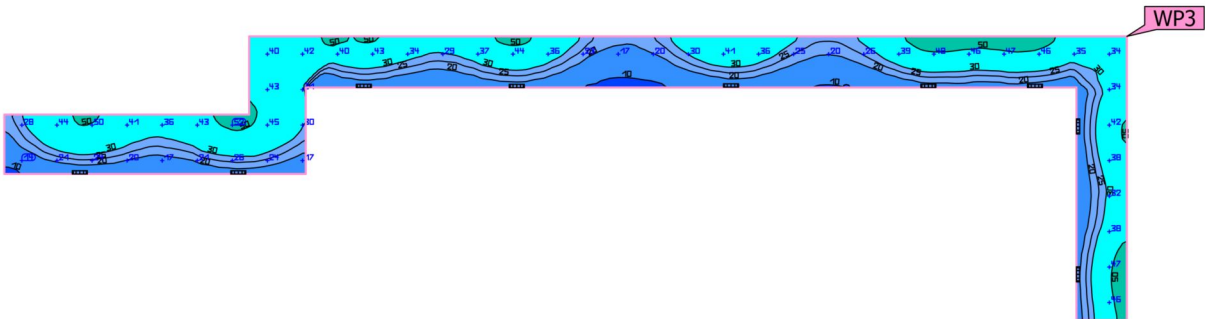
LHS Front (Light scene 1)
Working plane (LHS Front)



Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Working plane (LHS Front)	25.6 lx	2.67 lx	63.7 lx	0.10	0.042	WP1
Perpendicular illuminance (adaptive)						
Height: 0.000 m, Wall zone: 0.000 m						

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

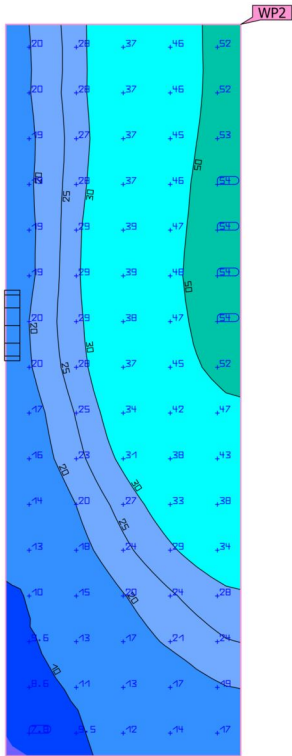
Rear Patio Area (Light scene 1)
Working plane (Rear Patio Area)



Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Working plane (Rear Patio Area) Perpendicular illuminance (adaptive) Height: 0.000 m, Wall zone: 0.000 m	30.8 lx	8.50 lx	58.6 lx	0.28	0.15	WP3

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

RHS upto gate (Light scene 1)
Working plane (RHS upto gate)



Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Working plane (RHS upto gate) Perpendicular illuminance (adaptive) Height: 0.000 m, Wall zone: 0.000 m	29.4 lx	7.45 lx	55.7 lx	0.25	0.13	WP2

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