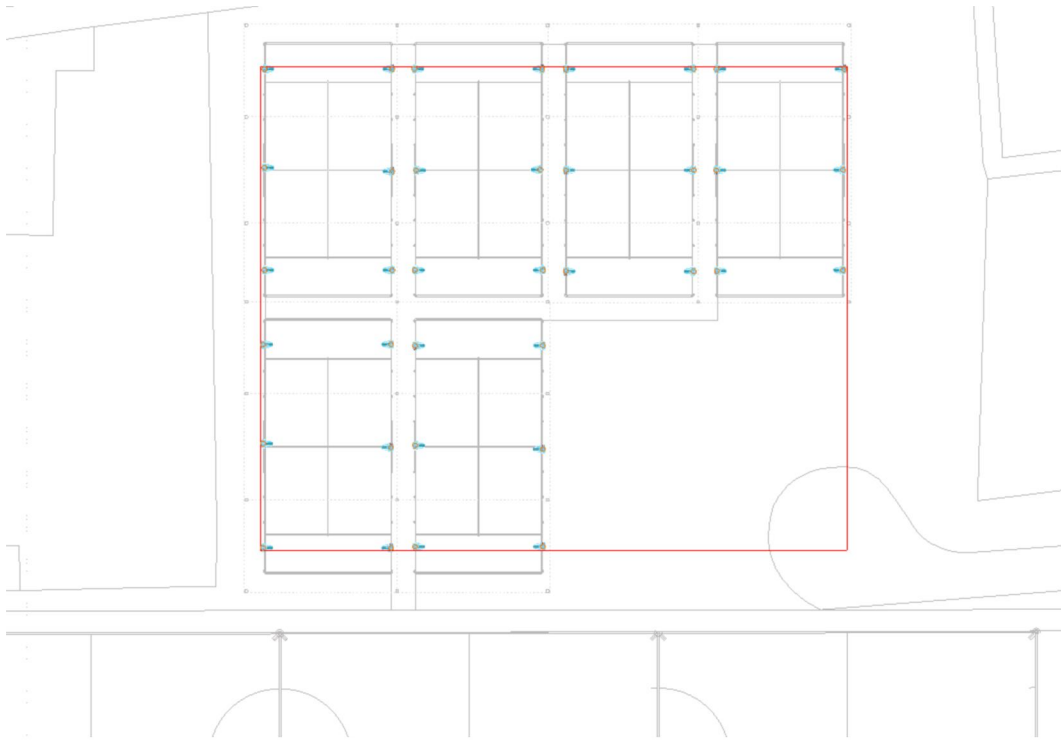


Power League Nicholls Padel Courts Lighting Assessment



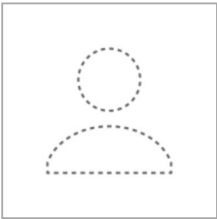
Luminaire list

Φ_{total} 1295604 lm	P_{total} 8640.0 W	Luminous efficacy 150.0 lm/W
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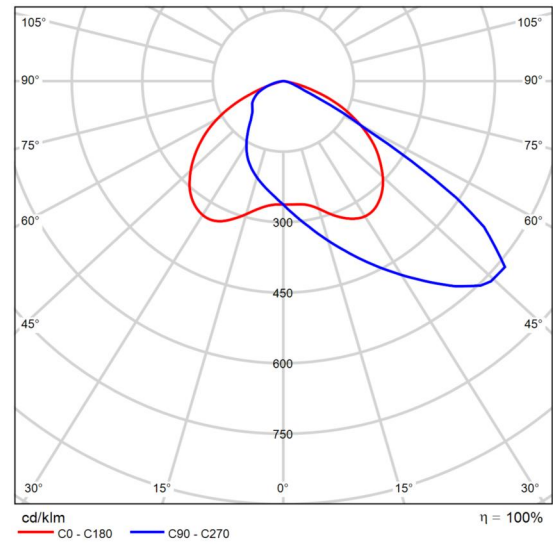
pcs.	Manufacturer	Article No.	Article name	P	Φ	Luminous efficacy
36	Polaris Light		PS-POWER (240W-P50 asymetric)	240.0 W	35989 lm	149.9 lm/W

Product data sheet

Polaris Light - PS-POWER (240W-P50 asymeric)



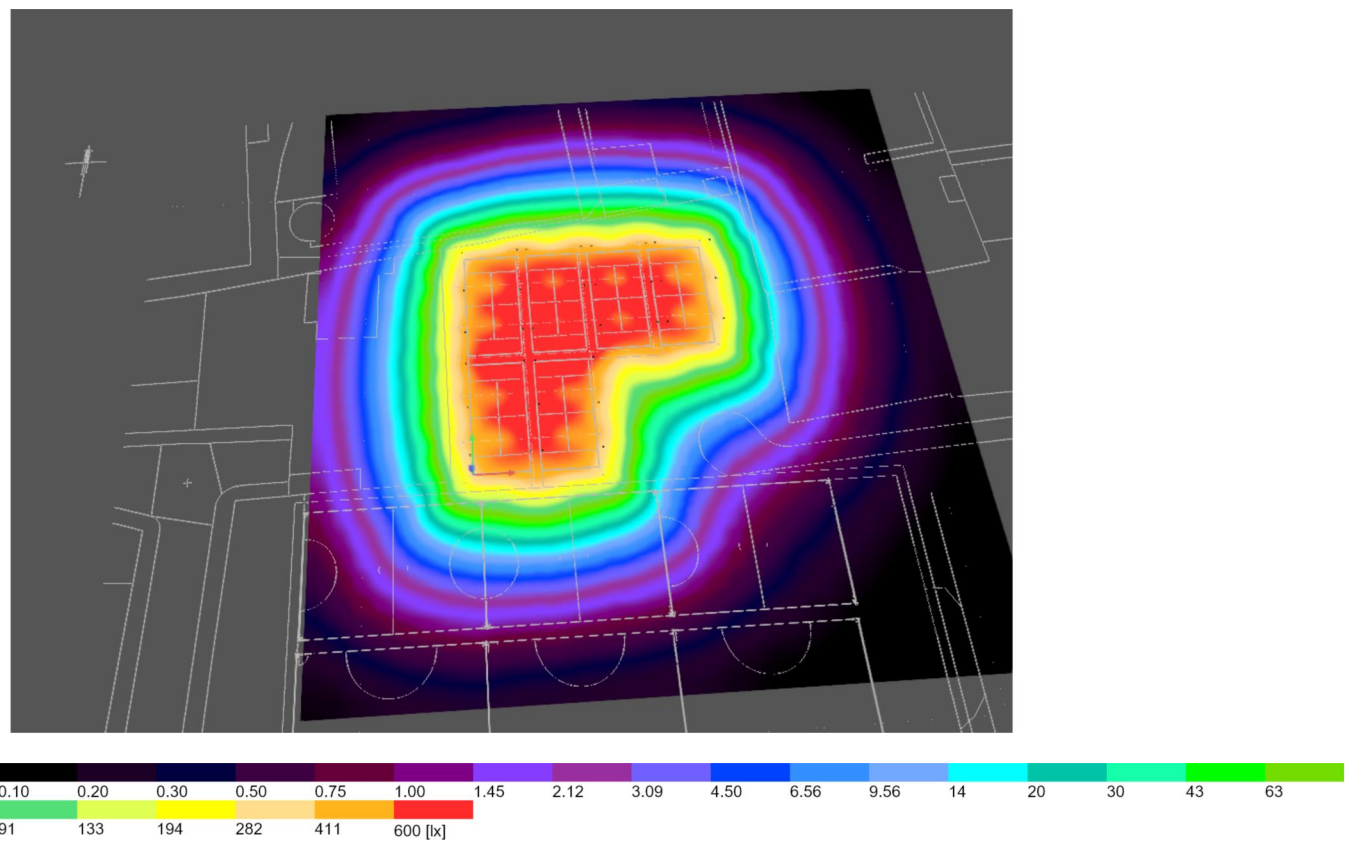
P	240.0 W
Φ_{Lamp}	35989 lm
$\Phi_{Luminaire}$	35989 lm
η	100.00 %
Luminous efficacy	149.9 lm/W
CCT	3000 K
CRI	100



Polar LDC

Site 1

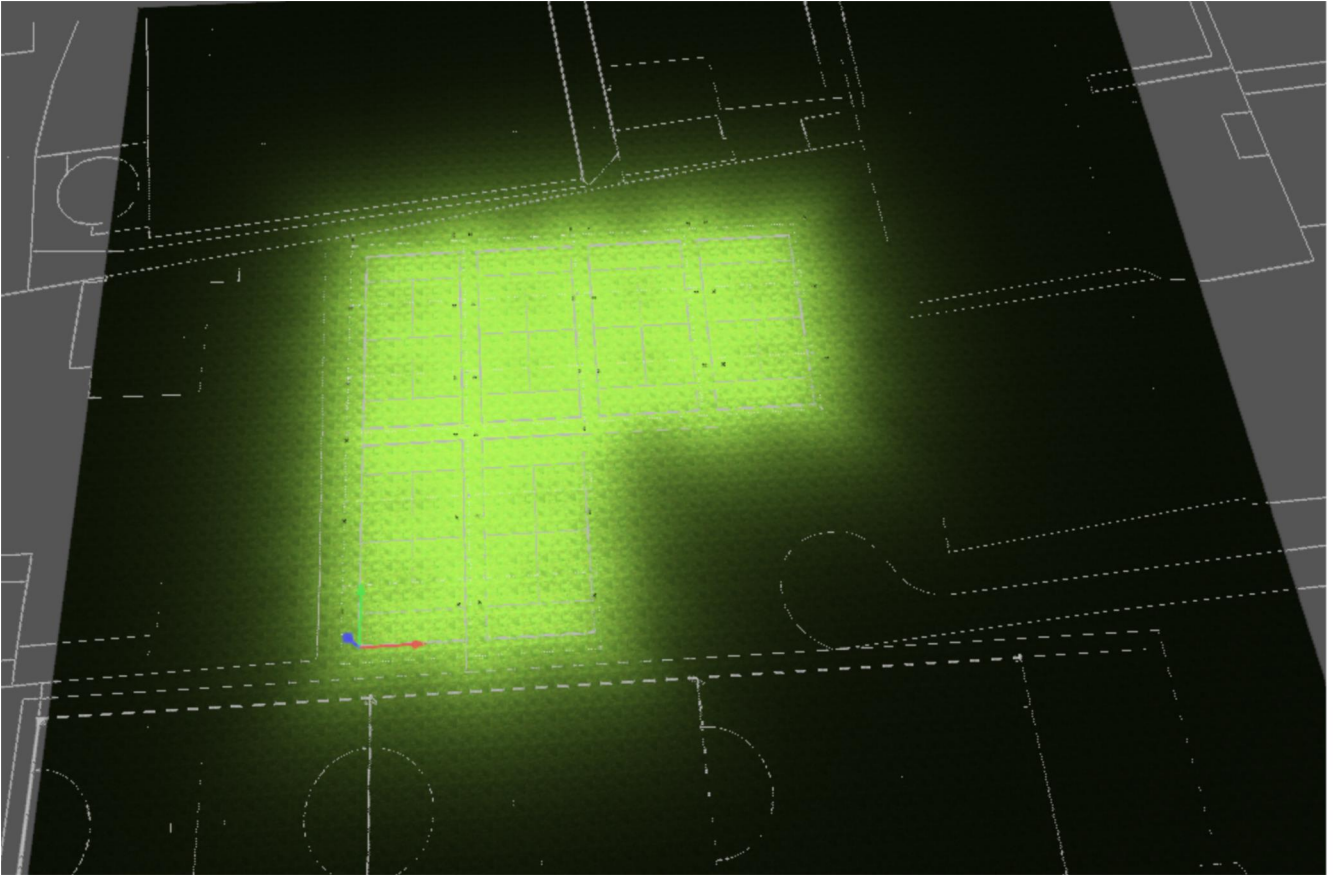
Images



Site 1 (6)

Site 1

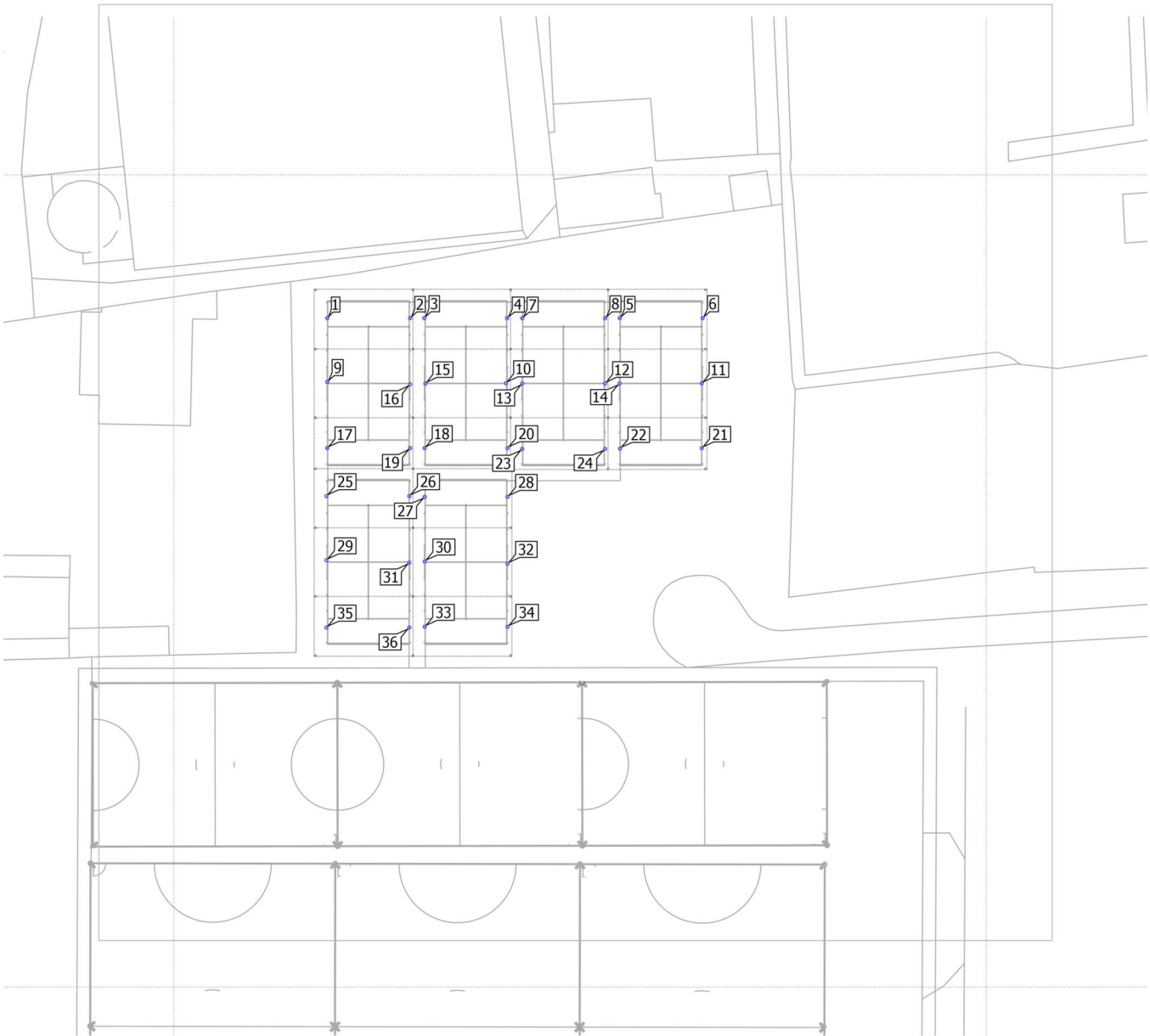
Images



Site 1 (37)

Site 1

Luminaire layout plan



Site 1

Luminaire layout plan

Polaris Light - - PS-POWER (240W-P50 asymeric)

1x

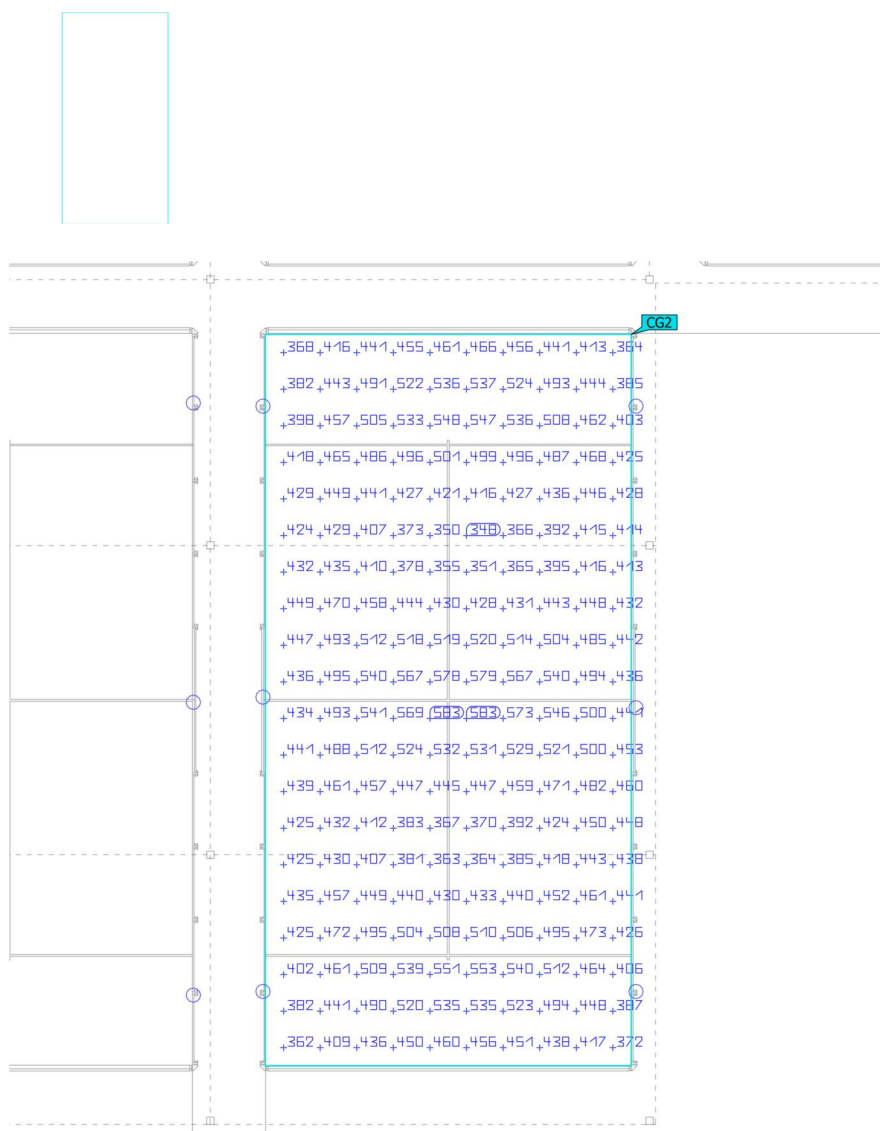
X	Y	Mounting height	Housing rotation	MF	Luminaire
-80.698 m	52.200 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	1
-70.503 m	52.200 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	2
-68.759 m	52.200 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	3
-58.564 m	52.200 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	4
-44.697 m	52.200 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	5
-34.503 m	52.200 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	6
-56.698 m	52.191 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	7
-46.503 m	52.191 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	8
-80.698 m	44.345 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	9
-58.703 m	44.189 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	10
-34.603 m	44.168 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	11
-46.503 m	44.154 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	12
-56.698 m	44.150 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	13
-44.726 m	44.150 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	14
-68.625 m	44.137 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	15
-70.503 m	44.055 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	16
-80.698 m	36.200 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	17
-68.706 m	36.200 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	18
-70.503 m	36.200 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	19
-58.511 m	36.200 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	20
-34.603 m	36.188 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	21

Site 1

Luminaire layout plan

X	Y	Mounting height	Housing rotation	MF	Luminaire
-44.663 m	36.135 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	22
-56.698 m	36.100 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	23
-46.503 m	36.100 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	24
-80.795 m	30.286 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	25
-70.600 m	30.286 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	26
-68.697 m	30.200 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	27
-58.503 m	30.200 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	28
-80.795 m	22.395 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	29
-68.697 m	22.245 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	30
-70.600 m	22.105 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	31
-58.503 m	21.955 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	32
-68.697 m	14.200 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	33
-58.503 m	14.200 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	34
-80.795 m	14.100 m	6.500 m	0.0° / -0.0° / -90.0°	0.90	35
-70.600 m	14.100 m	6.500 m	0.0° / -0.0° / 90.0°	0.90	36

Site 1 (COURT 1 - ONLY)

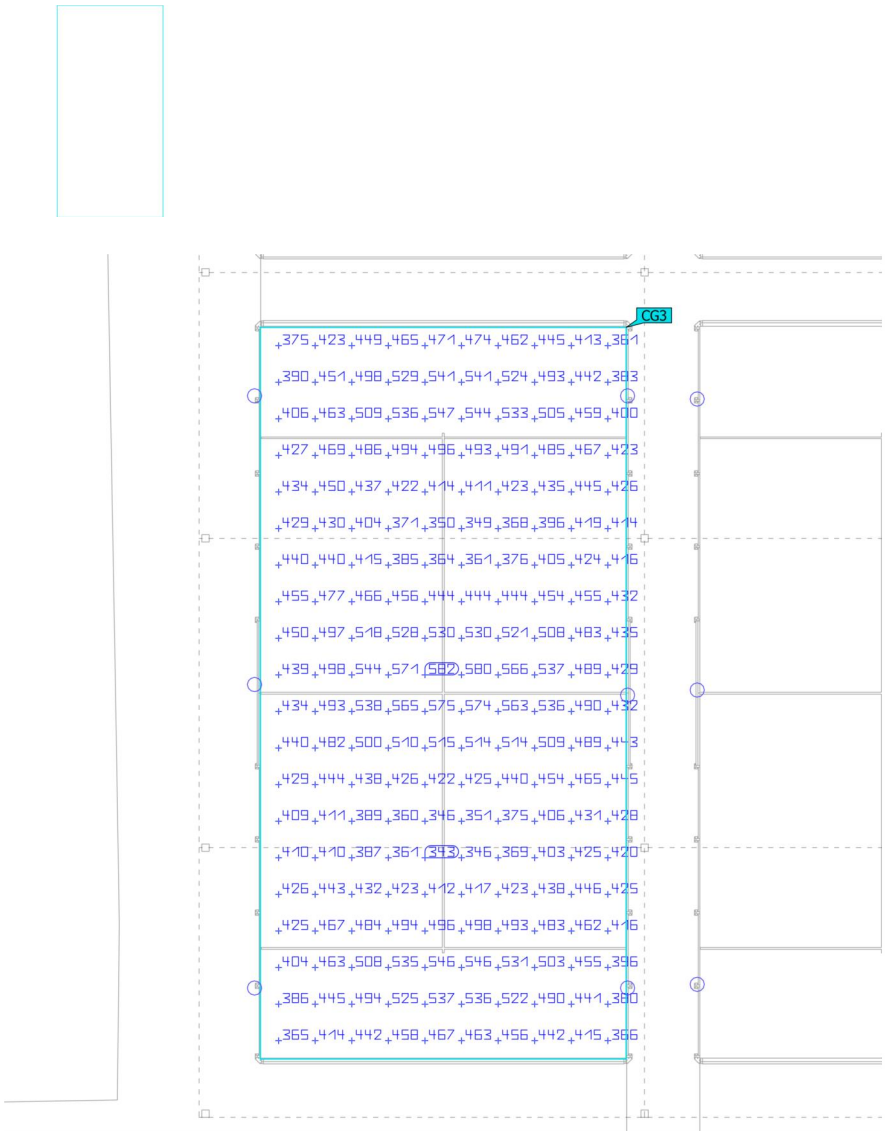
Court 1

Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Court 1 Perpendicular illuminance Height: 1.010 m	458 lx	348 lx	583 lx	0.76	0.60	CG2

Utilisation profile: DIALux preset (Default (Drive Aisles/Parking Areas))

Site 1 (COURT 2 - ONLY)

Court 2

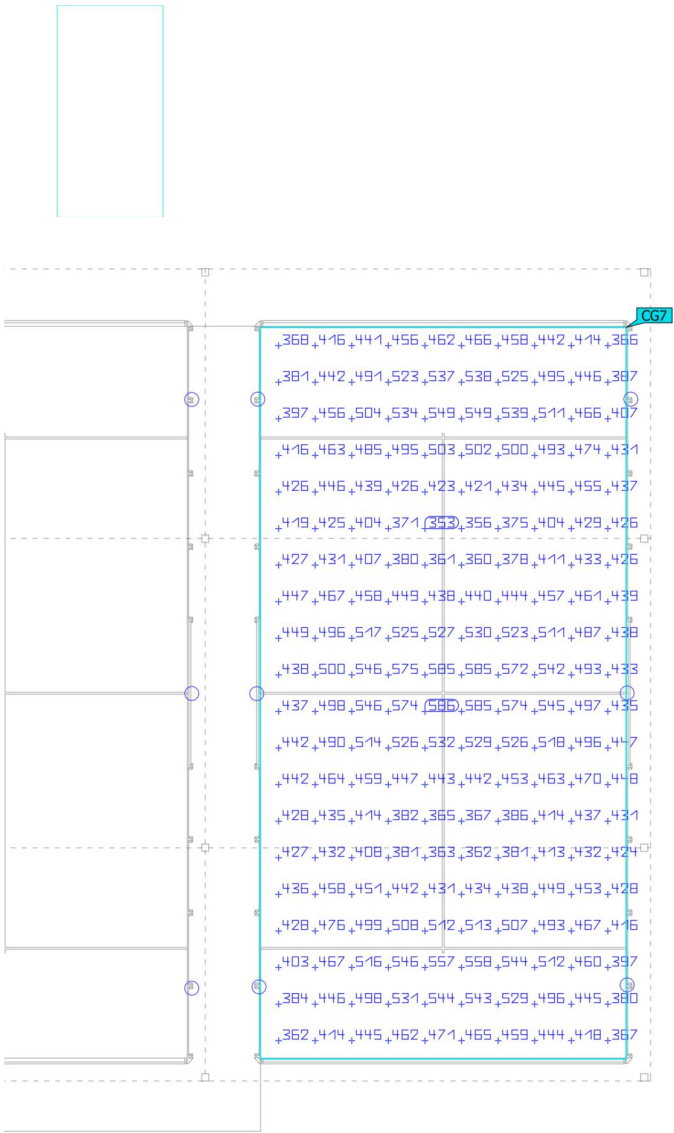


Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Court 2	455 lx	343 lx	582 lx	0.75	0.59	CG3
Perpendicular illuminance						
Height: 1.010 m						

Utilisation profile: DIALux preset (Default (Drive Aisles/Parking Areas))

Site 1 (COURT 3 - ONLY)

Court 3

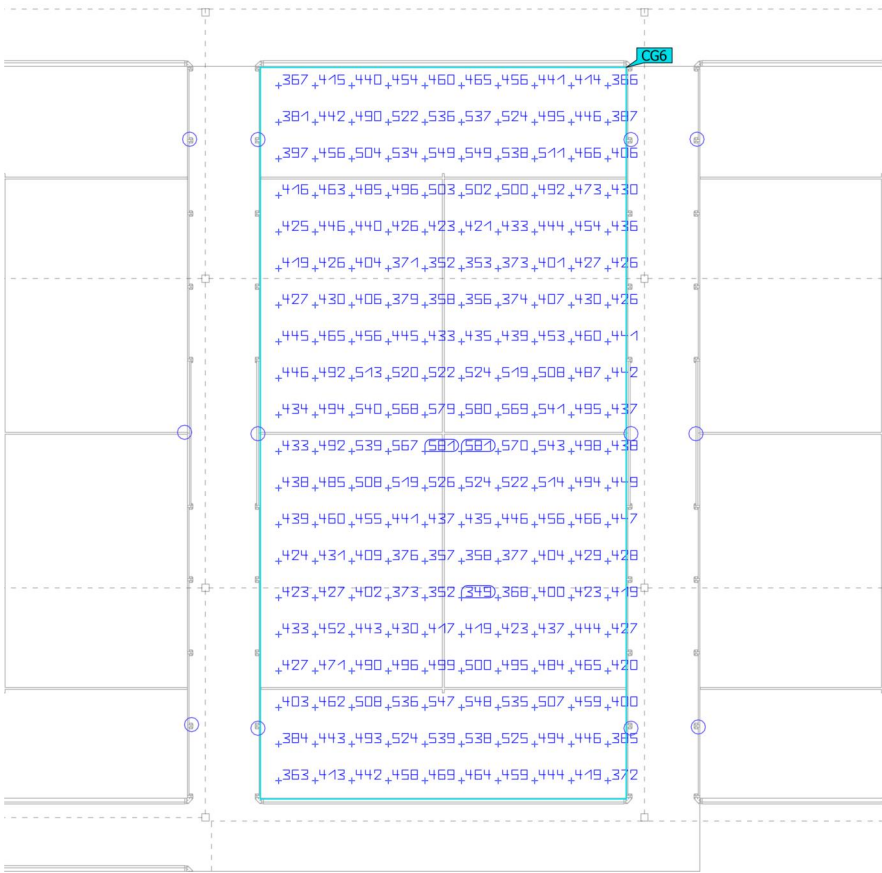


Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Court 3 Perpendicular illuminance Height: 1.010 m	460 lx	353 lx	586 lx	0.77	0.60	CG7

Utilisation profile: DIALux preset (Default (Drive Aisles/Parking Areas))

Site 1 (COURT 4 - ONLY)

Court 4

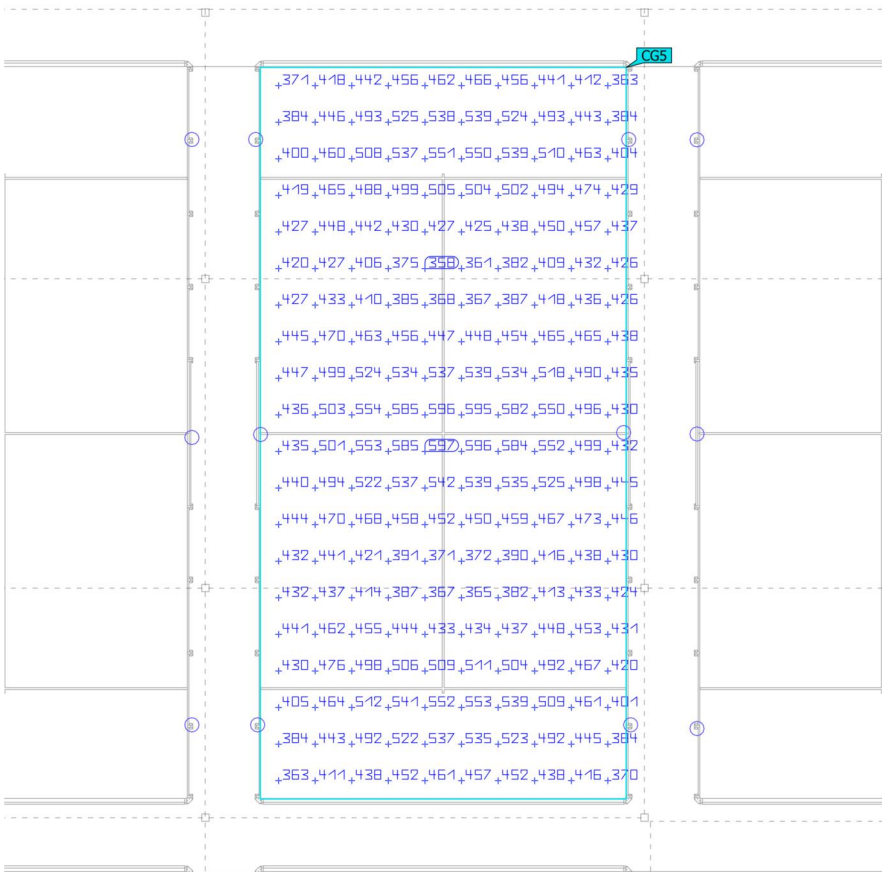


Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Court 4	457 lx	349 lx	581 lx	0.76	0.60	CG6
Perpendicular illuminance						
Height: 1.010 m						

Utilisation profile: DIALux preset (Default (Drive Aisles/Parking Areas))

Site 1 (COURT 5 - ONLY)

Court 5

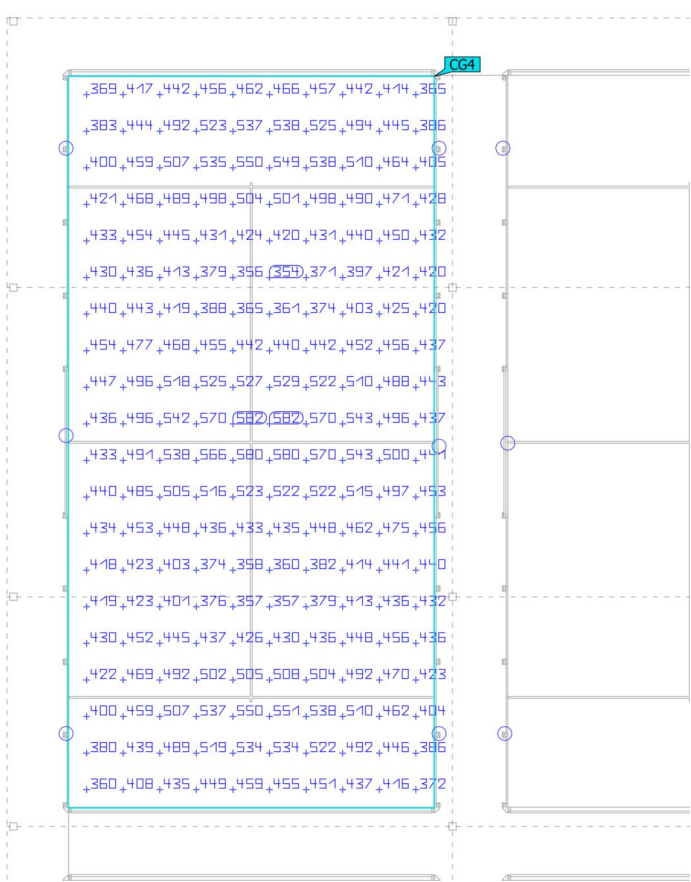


Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Court 5 Perpendicular illuminance Height: 1.010 m	462 lx	358 lx	597 lx	0.77	0.60	CG5

Utilisation profile: DIALux preset (Default (Drive Aisles/Parking Areas))

Site 1 (COURT 6 - ONLY)

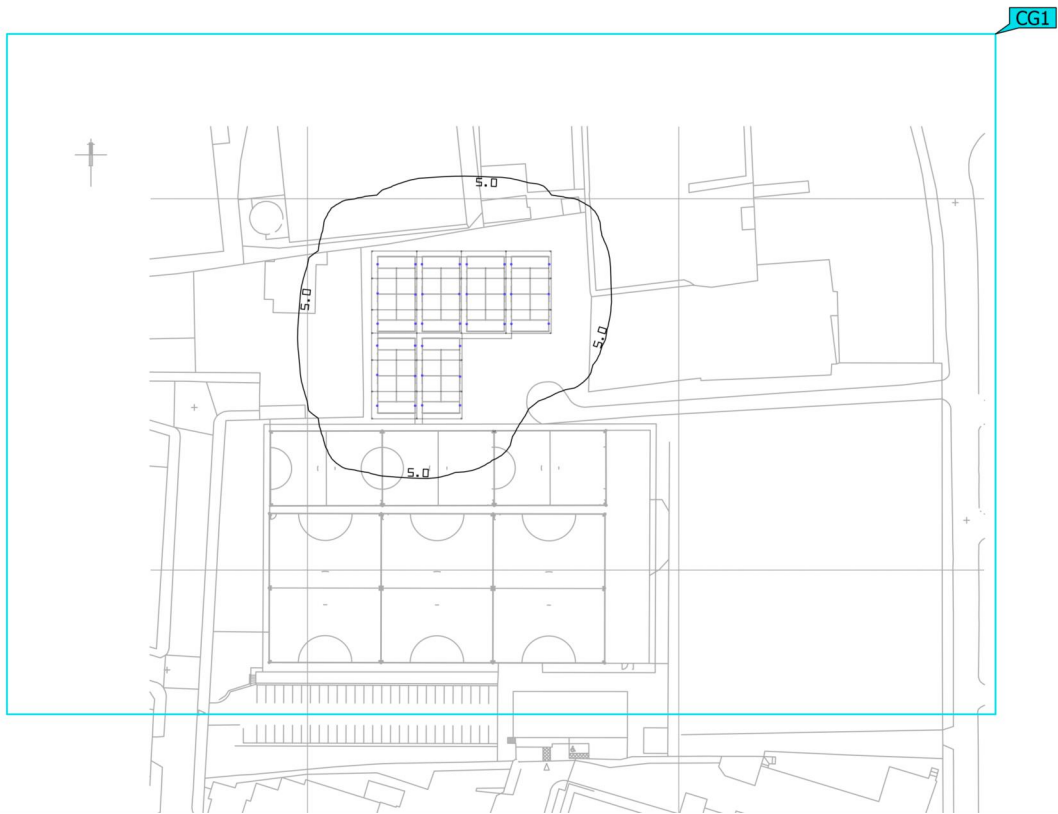
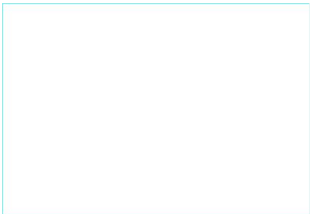
Court 6



Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Court 6	458 lx	354 lx	582 lx	0.77	0.61	CG4
Perpendicular illuminance						
Height: 1.010 m						

Utilisation profile: DIALux preset (Default (Drive Aisles/Parking Areas))

Site 1 (ALL ON)
Light Spillage



Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Light Spillage Perpendicular illuminance Height: 0.010 m	24.5 lx	0.00 lx	795 lx	0.00	0.00	CG1

Utilisation profile: DIALux preset (Default (Drive Aisles/Parking Areas))