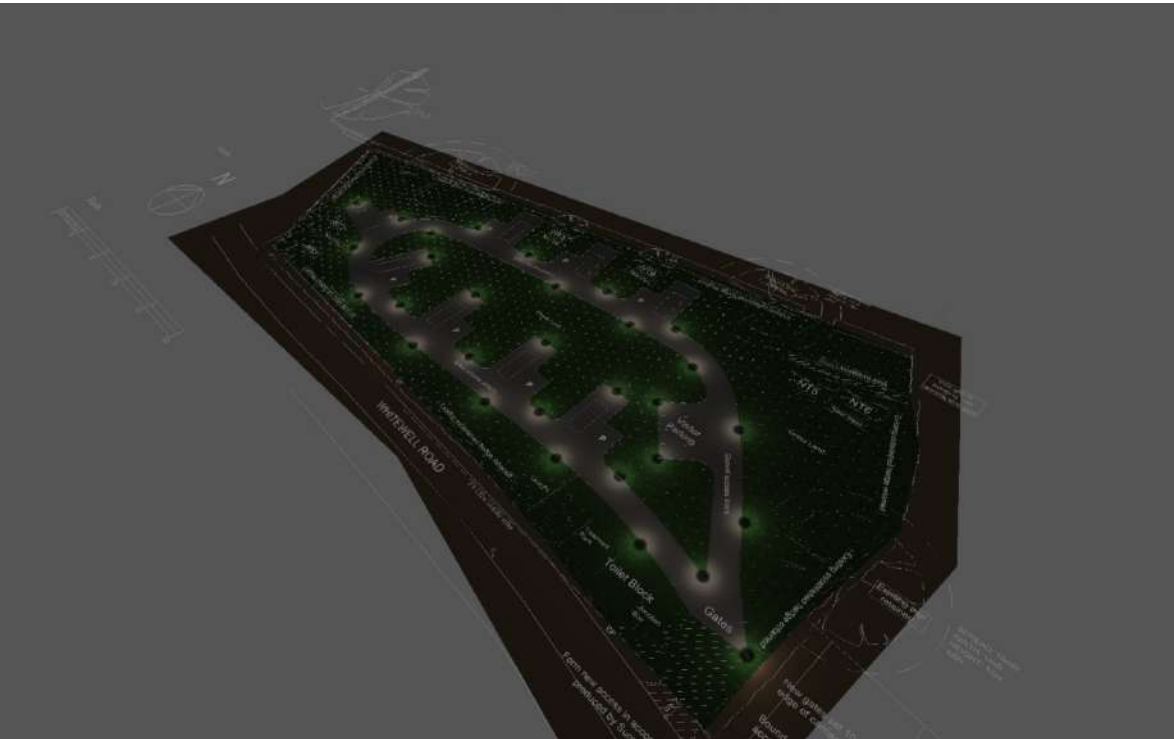




DF6334_HOLLY COTTAGE AND CHAPEL FARM_CLW_R01

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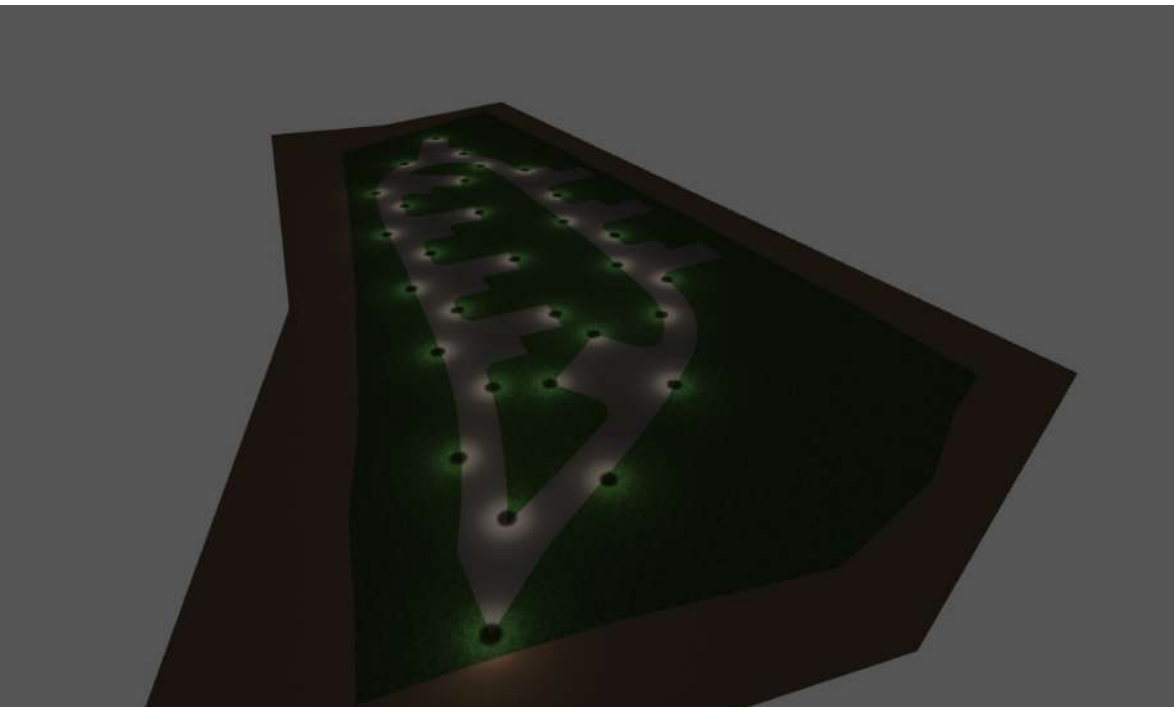


Contacts



Design Associate
Shubham Mathur

Collingwood Lighting



Description

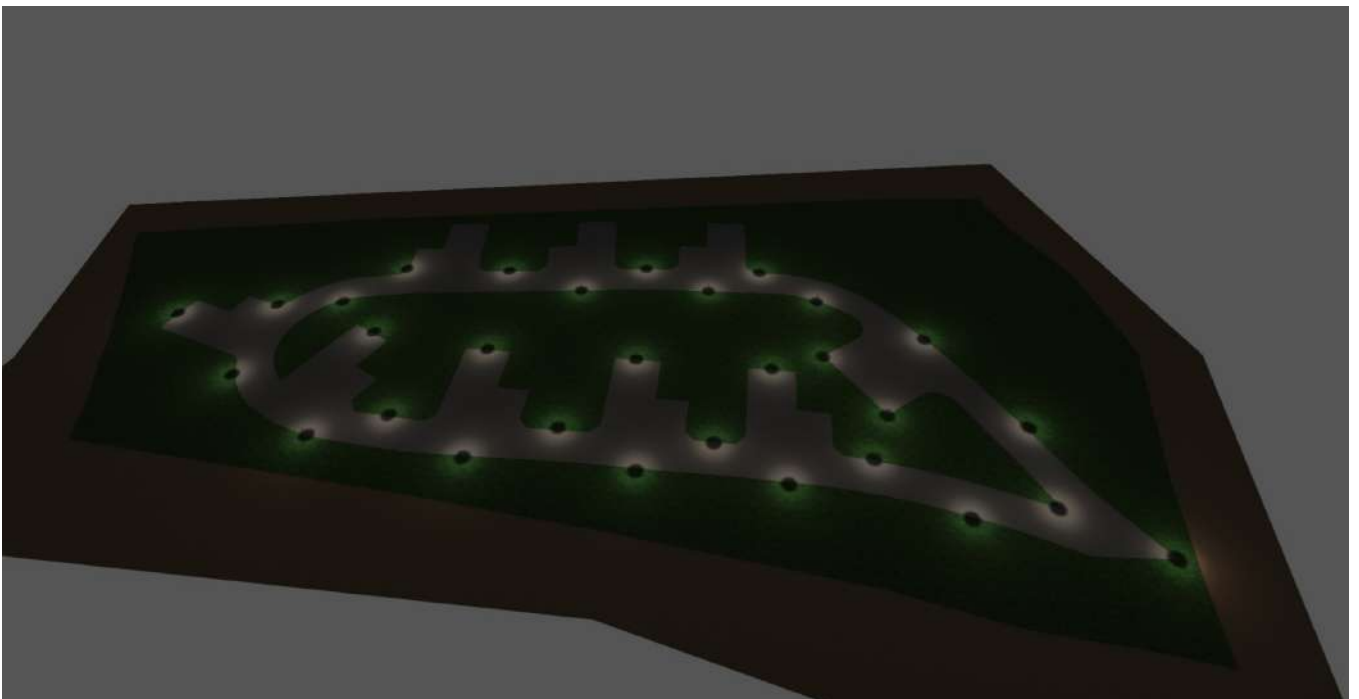
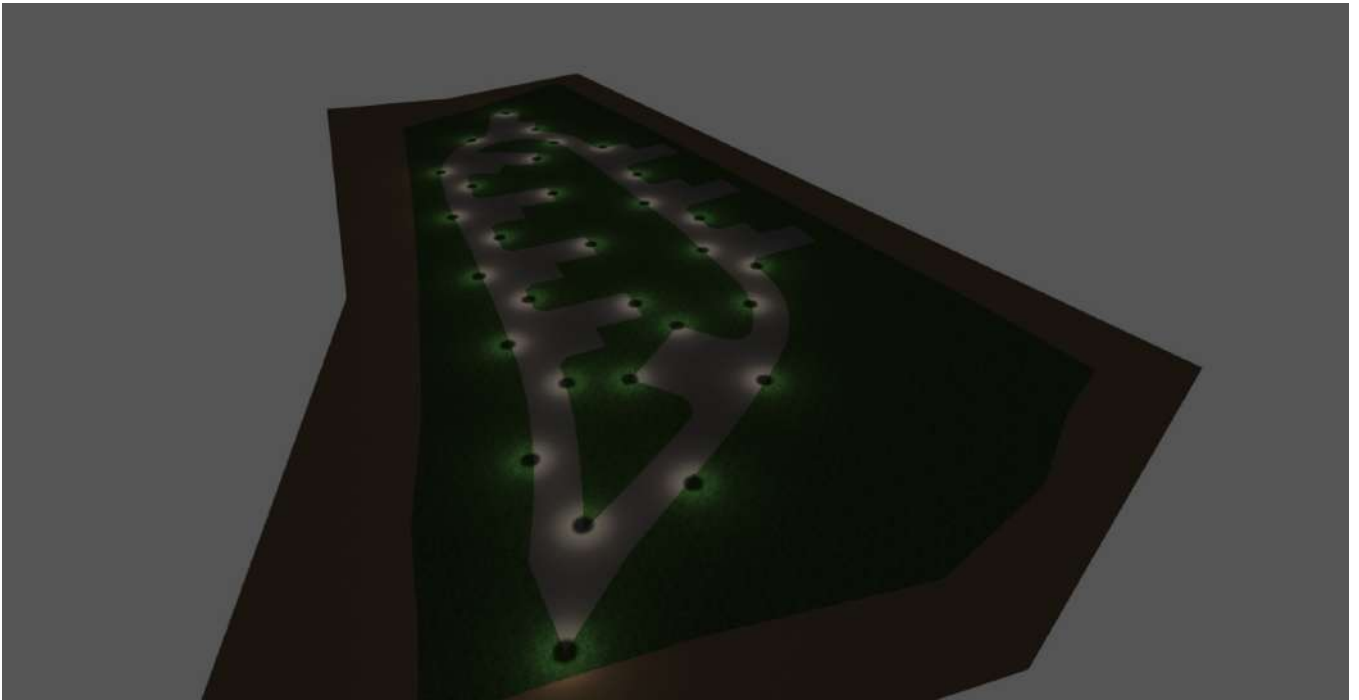
Disclaimer:

Calculations have been performed according to UK Standards for Outdoor Lighting and Good Design Practice. Some differences between Measured Values and Calculated Results may occur due to tolerances in Calculation Methods, Testing Procedures, Component Performance, Measurement Techniques and Field Conditions such as Voltage & Temperature Variations. Designed illumination level is based on Input Data such as Room Dimensions, Reflectance, Furniture, Obstructions of any nature and Architectural Elements. If the Actual Environment Conditions does not match the input data, differences will occur between Measured and Calculated Values.

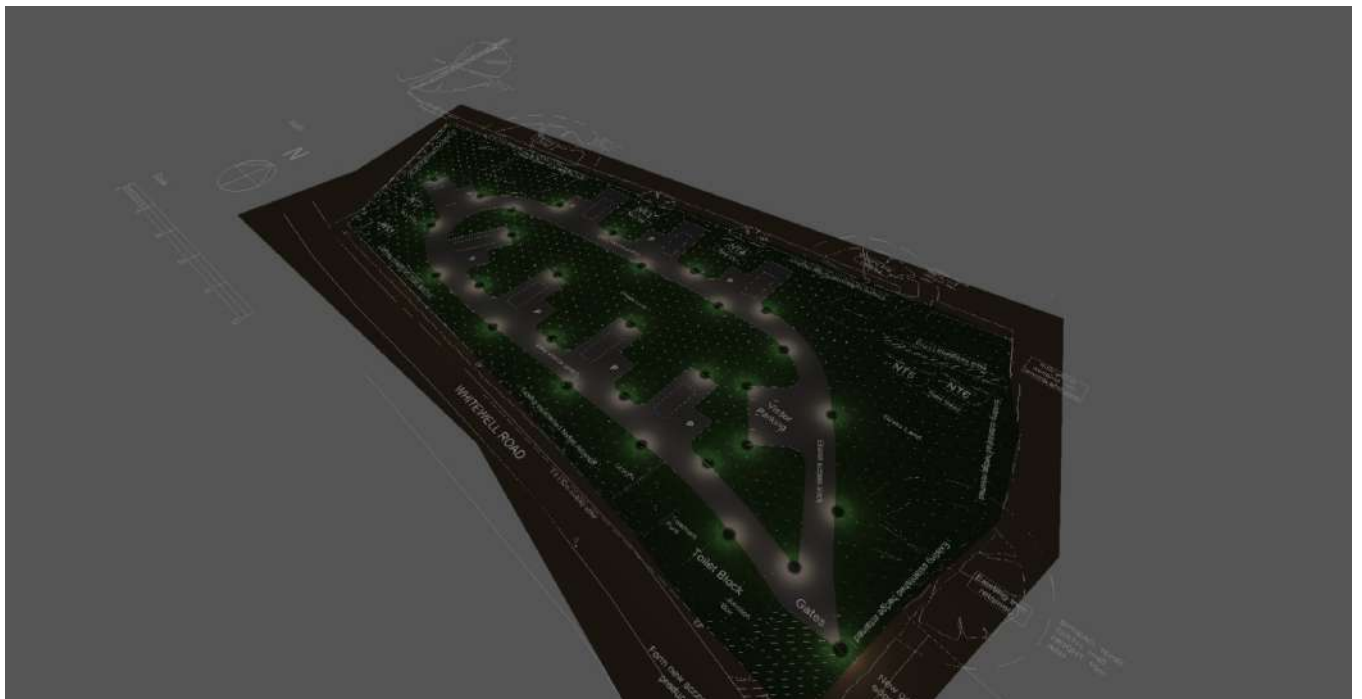
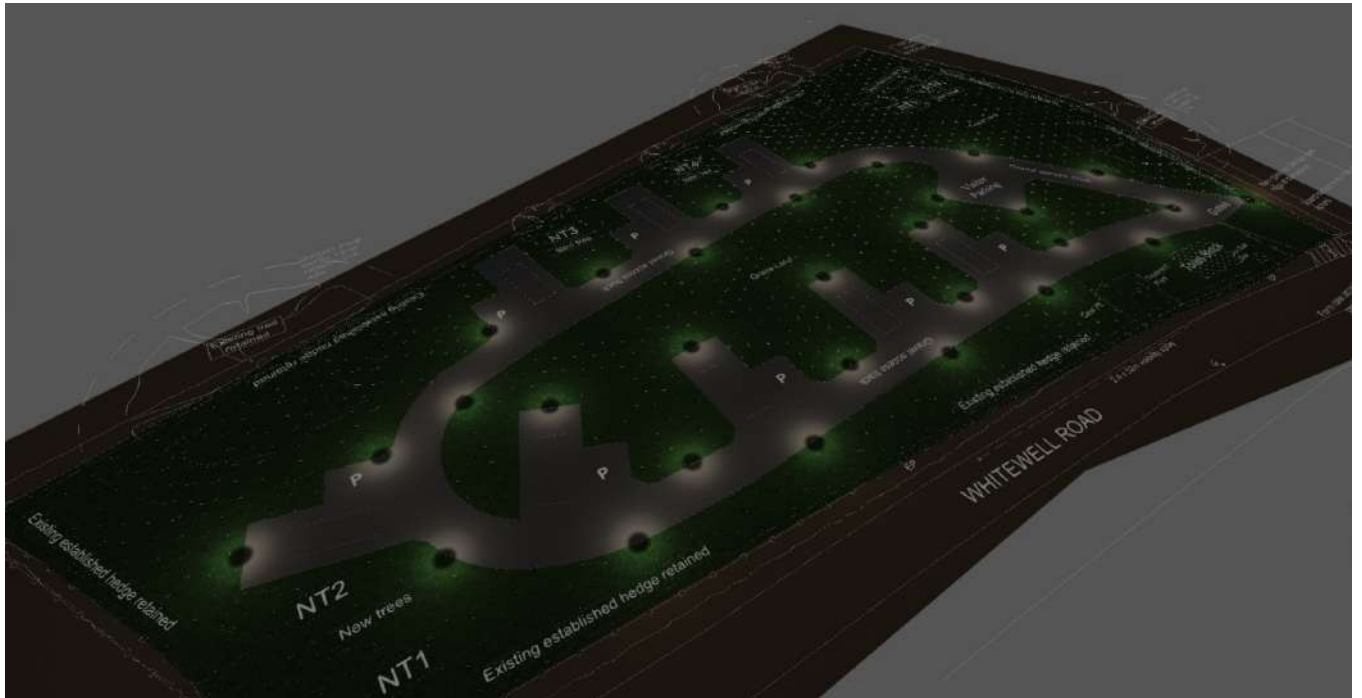
Design Associate
Shubham Mathur

Collingwood Lighting

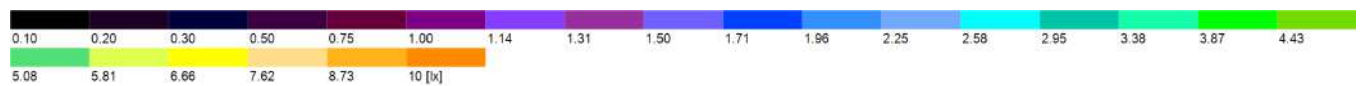
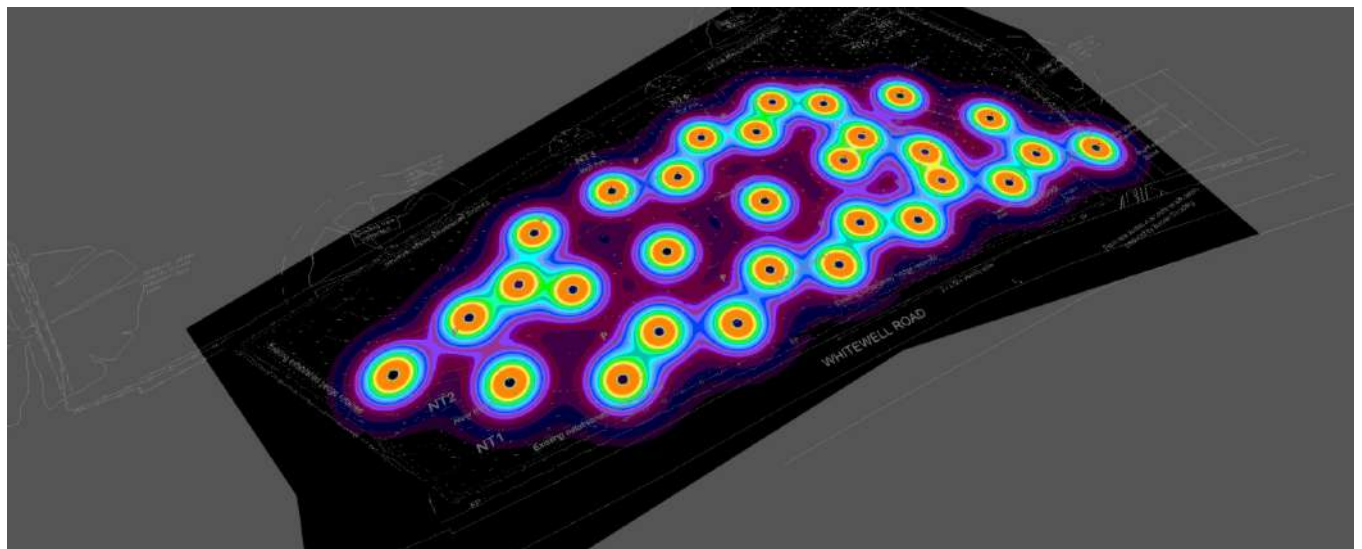
Images



Images



Images





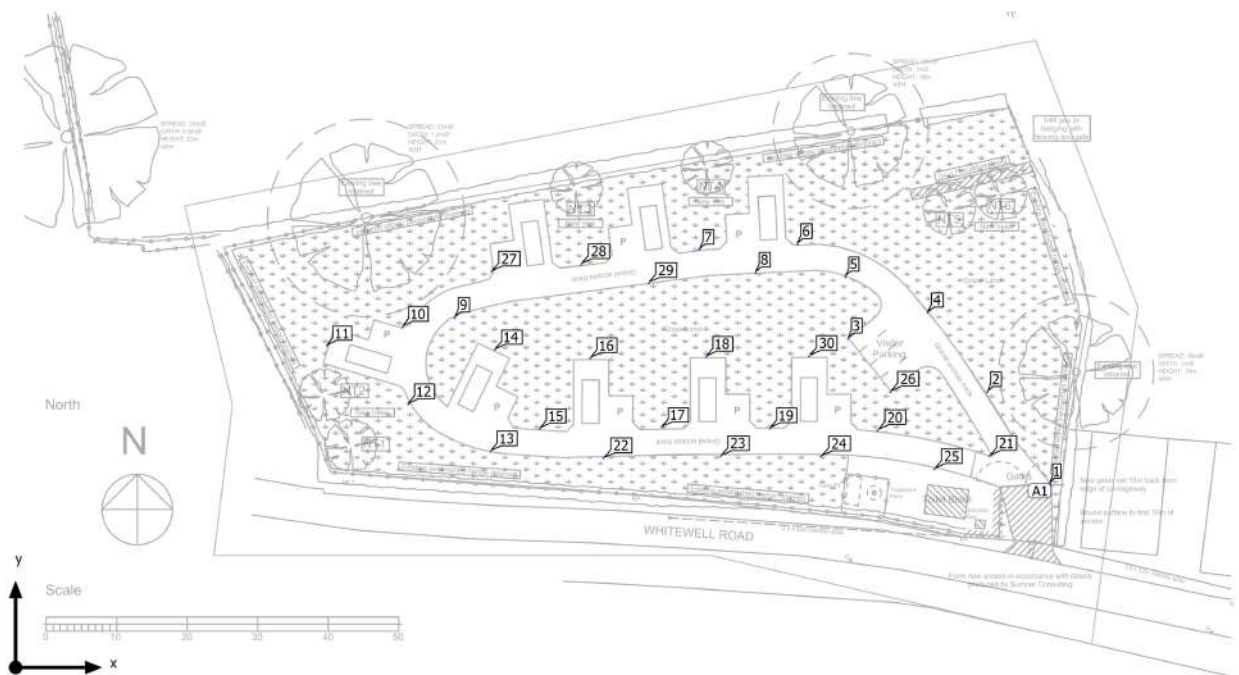
Luminaire list

Φ_{total} 15000 lm	P_{total} 690.0 W	Luminous efficacy 21.7 lm/W
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pcs.	Manufacturer	Article No.	Article name	P	Φ	Luminous efficacy
30	COLLINGWOOD	BOL30_X30	BOL30_X30	23.0 W	500 lm	21.7 lm/W
	D	-A				

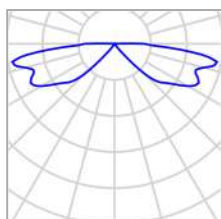
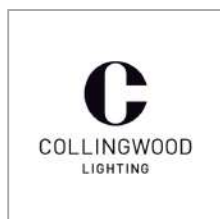
Site 1

Luminaire layout plan



Site 1

Luminaire layout plan



Manufacturer	COLLINGWOOD	P	23.0 W
Article No.	BOL30_X30-A	$\Phi_{\text{Luminaire}}$	500 lm
Article name	BOL30_X30		
Fitting	1x LED		

3 x COLLINGWOOD BOL30_X30

Type	Line arrangement	X	Y	Mounting height	Luminaire
1st luminaire (X/Y/Z)	146.819 m / 26.094 m / 1.010 m	146.819 m	26.094 m	1.010 m	1
X-direction	4 pcs., Centre - centre, Distances not equal	137.895 m	39.044 m	1.010 m	2
		118.119 m	46.573 m	1.010 m	3
Arrangement	A1				

Individual luminaires

X	Y	Mounting height	Luminaire
129.411 m	50.344 m	1.010 m	4
117.756 m	55.389 m	1.010 m	5
110.970 m	59.990 m	1.010 m	6
97.040 m	59.312 m	1.010 m	7
104.988 m	55.936 m	1.010 m	8
62.300 m	49.549 m	1.010 m	9

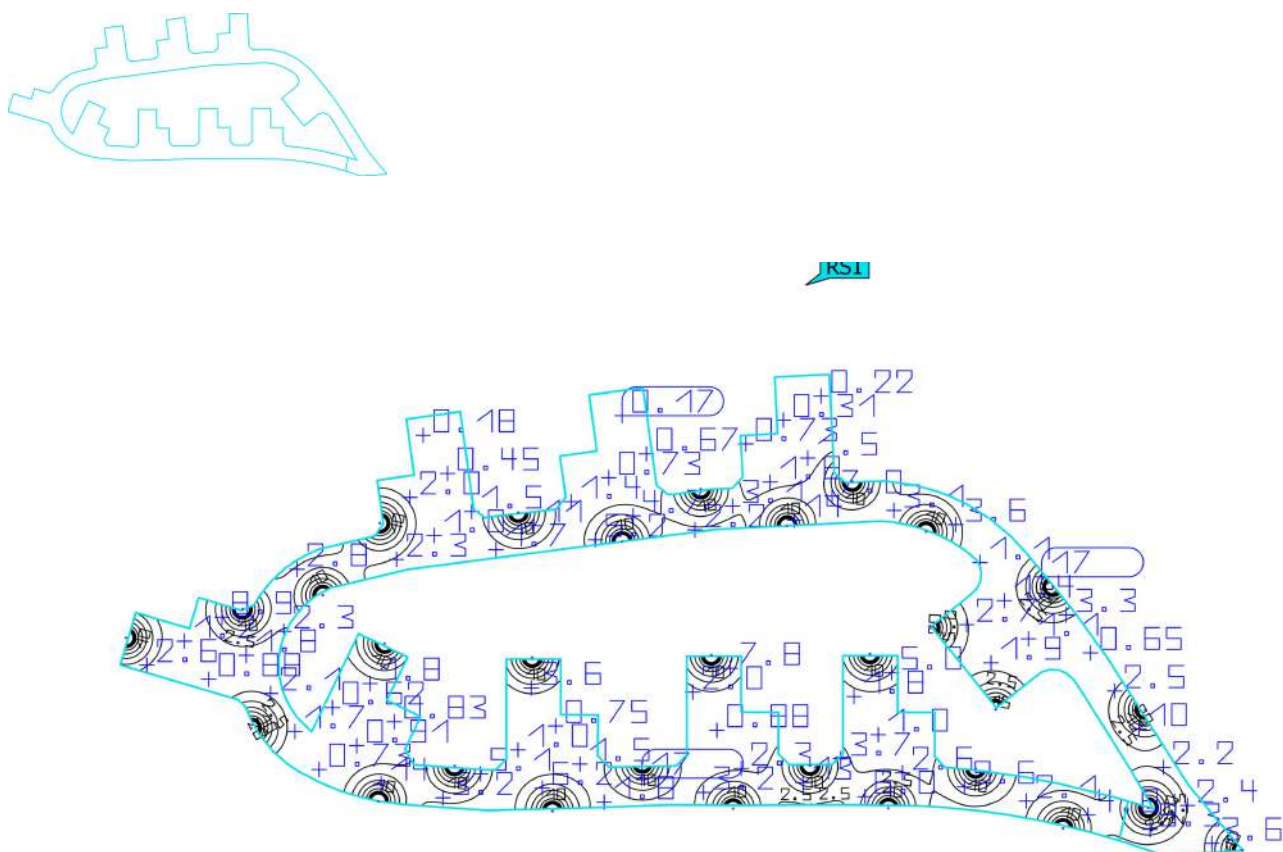
Site 1

Luminaire layout plan

X	Y	Mounting height	Luminaire
54.910 m	48.258 m	1.010 m	10
44.196 m	45.640 m	1.010 m	11
55.733 m	37.330 m	1.010 m	12
67.403 m	30.604 m	1.010 m	13
67.992 m	45.110 m	1.010 m	14
74.409 m	33.863 m	1.010 m	15
81.549 m	43.824 m	1.010 m	16
91.682 m	34.108 m	1.010 m	17
98.011 m	44.033 m	1.010 m	18
107.088 m	33.900 m	1.010 m	19
122.316 m	33.619 m	1.010 m	20
138.195 m	30.009 m	1.010 m	21
83.410 m	29.697 m	1.010 m	22
100.024 m	29.924 m	1.010 m	23
114.291 m	29.971 m	1.010 m	24
130.349 m	28.103 m	1.010 m	25
124.159 m	39.043 m	1.010 m	26
67.546 m	56.169 m	1.010 m	27
80.265 m	57.147 m	1.010 m	28
89.823 m	54.471 m	1.010 m	29
112.605 m	44.152 m	1.010 m	30

Site 1 (Light scene 1)

Gravel Access Track

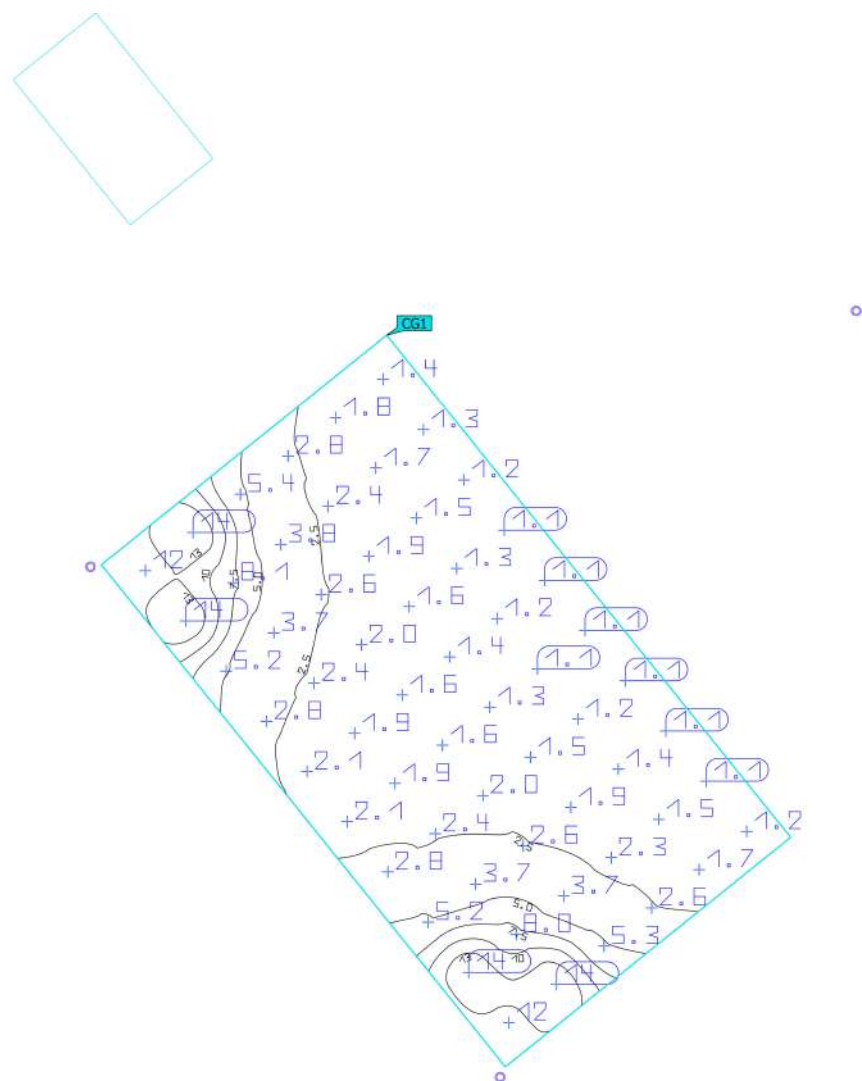


Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Gravel Access Track Perpendicular illuminance (adaptive) Height: 0.010 m	3.69 lx	0.093 lx	22.4 lx	0.025	0.004	RS1

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

Site 1 (Light scene 1)

Visitor Parking



Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2	Index
Visitor Parking Perpendicular illuminance Height: 0.010 m	3.49 lx	1.07 lx	14.4 lx	0.31	0.074	CG1

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