

DATE: 29 November 2021
DESIGNER: Michael Casey
PROJECT No: H657
PROJECT NAME: Katharine Tynan House

**LIGHTING
REALITY**

Outdoor Lighting Report

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 708108.0m x 729500.0m
Area 170.3m x 209.0m
Sample Spacing 1.49m x 1.49m

Luminaires

Luminaire A Data

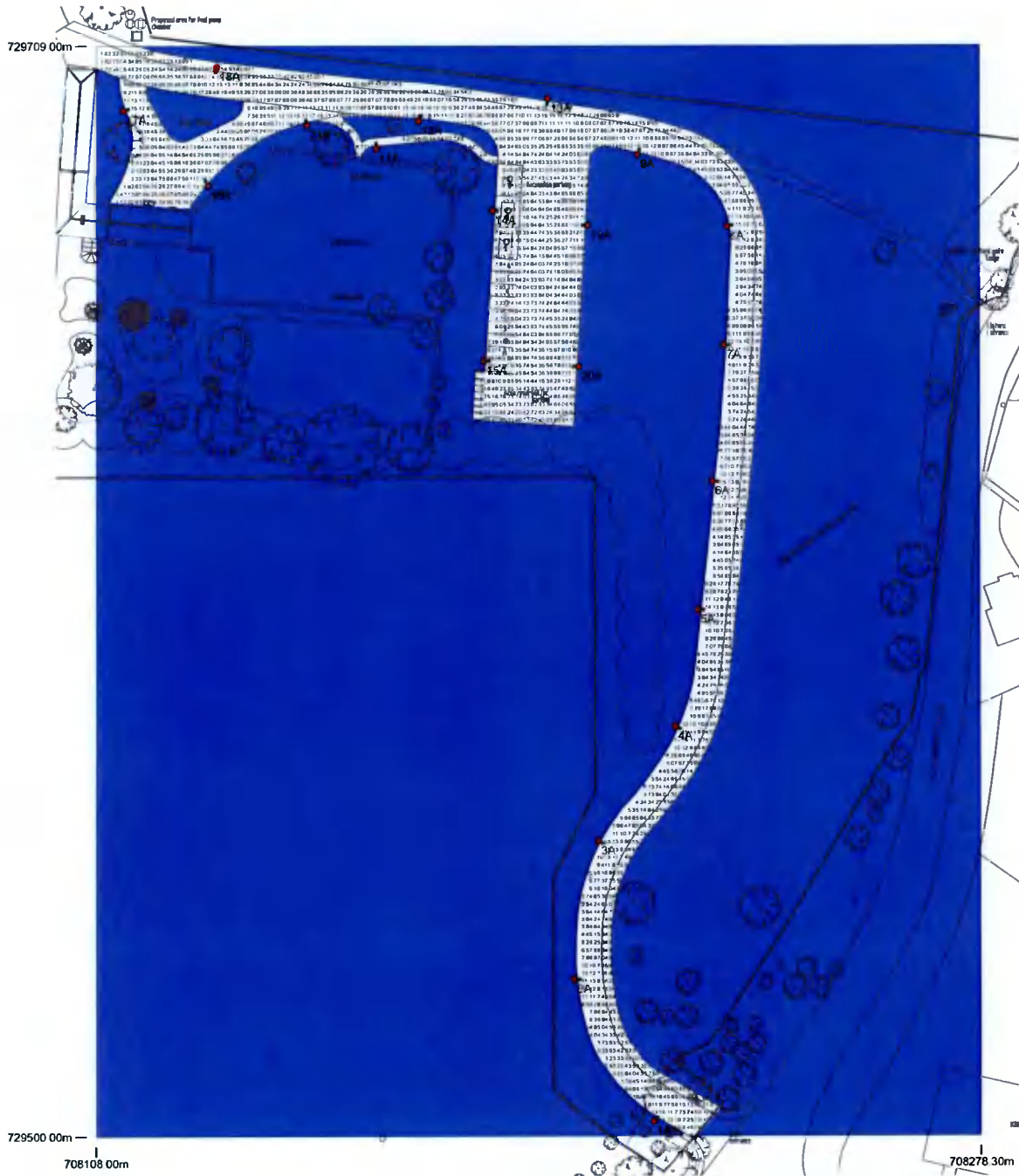
Supplier	
Type	P852-12-P4-WW-CA0500-20W
Lamp(s)	730C WW
Lamp Flux (klm)	2.35
File Name	P852-12-P4-WW-CA0500-20W.ies
Maintenance Factor	0.80
Imax70,80,90(cd/klm)	730.4, 161.4, 0.8
No. in Project	20

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	708215.39	729502.89	6.00	50.00	0.00	0.00	1.00			
2	A	708200.03	729530.31	6.00	0.00	0.00	0.00	1.00			
3	A	708204.69	729556.98	6.00	335.00	0.00	0.00	1.00			
4	A	708219.56	729578.91	6.00	335.00	0.00	0.00	1.00			
5	A	708223.96	729601.28	6.00	355.00	0.00	0.00	1.00			
6	A	708226.75	729625.77	6.00	355.00	0.00	0.00	1.00			
7	A	708229.00	729651.82	6.00	355.00	0.00	0.00	1.00			
8	A	708229.62	729674.47	6.00	15.00	0.00	0.00	1.00			
9	A	708212.35	729688.12	6.00	70.00	0.00	0.00	1.00			
11	A	708162.03	729689.36	6.00	92.00	0.00	0.00	1.00			
12	A	708170.18	729694.65	6.00	80.00	0.00	0.00	1.00			
13	A	708195.11	729698.88	6.00	260.00	0.00	0.00	1.00			
14	A	708184.44	729677.50	6.00	0.00	0.00	0.00	1.00			
15	A	708182.75	729648.75	6.00	0.00	0.00	0.00	1.00			
16	A	708129.62	729682.28	6.00	120.00	0.00	0.00	1.00			
17	A	708113.21	729696.68	6.00	15.00	0.00	0.00	1.00			
18	A	708131.19	729704.98	6.00	260.00	0.00	0.00	1.00			
19	A	708202.78	729674.68	6.00	180.00	0.00	0.00	1.00			
20	A	708201.01	729647.69	6.00	180.00	0.00	0.00	1.00			
21	A	708148.61	729693.85	6.00	100.00	0.00	0.00	1.00			

Horizontal Illuminance (lux)

Grid 1

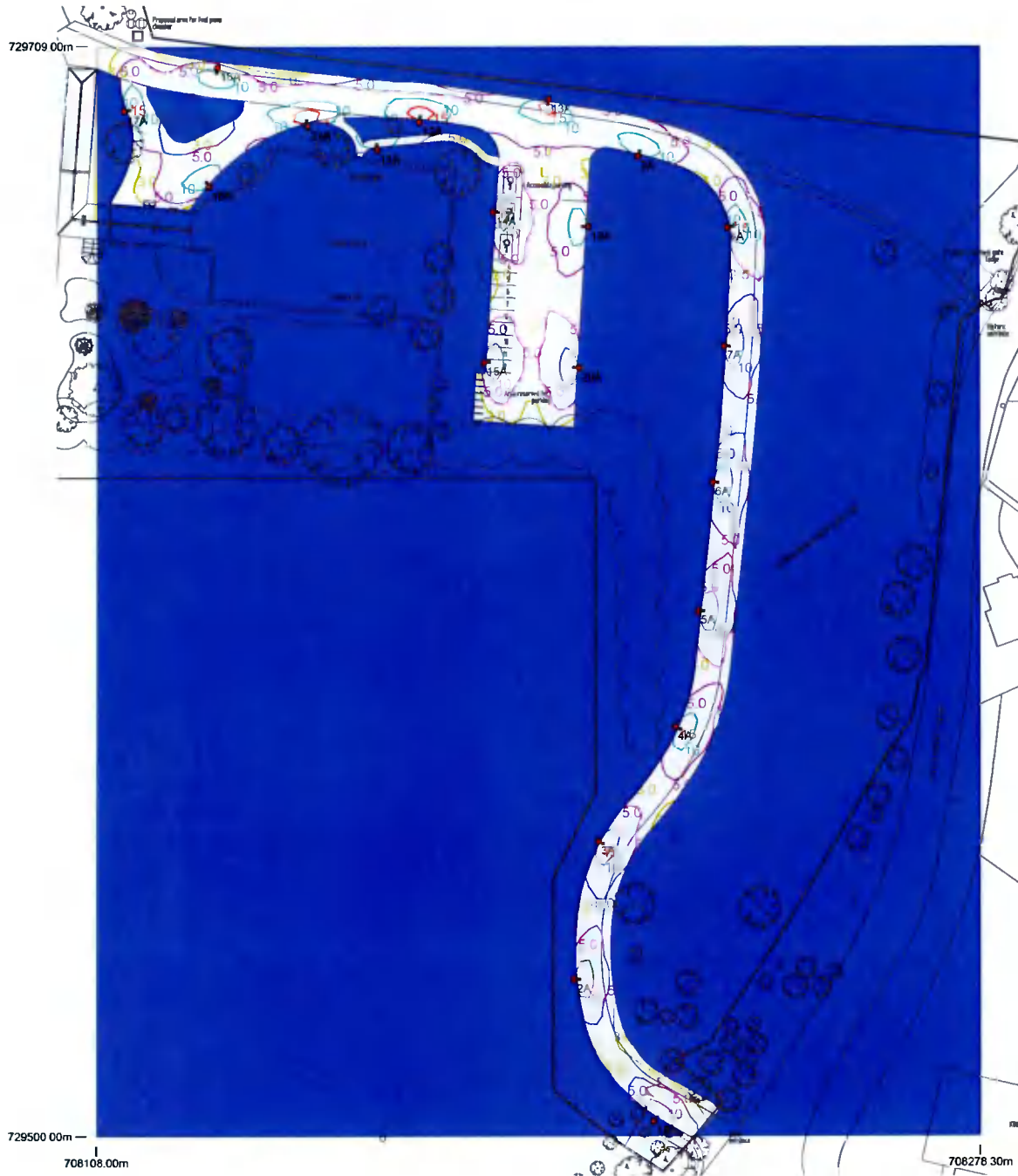


Results

Eav	6.48
Emin	1.38
Emax	18.49
Emin/Emax	0.07
Emin/Eav	0.21

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