Luminaire Schedule

Scene:

Symbol	Ref	Qty	Config	Outreach	Description	Lumens	Cutoff Class	Total MF	Unit Watts
	A	10	Single	0	Sierra Solar Midi 30W 3000K Wide Road Type 2	5536.6	Semi-Cutoff	0.840	29.2275
	B	24	Single	0	Pharola DS 3k 9LED 700mA- 20W	1393	Cutoff	0.840	20

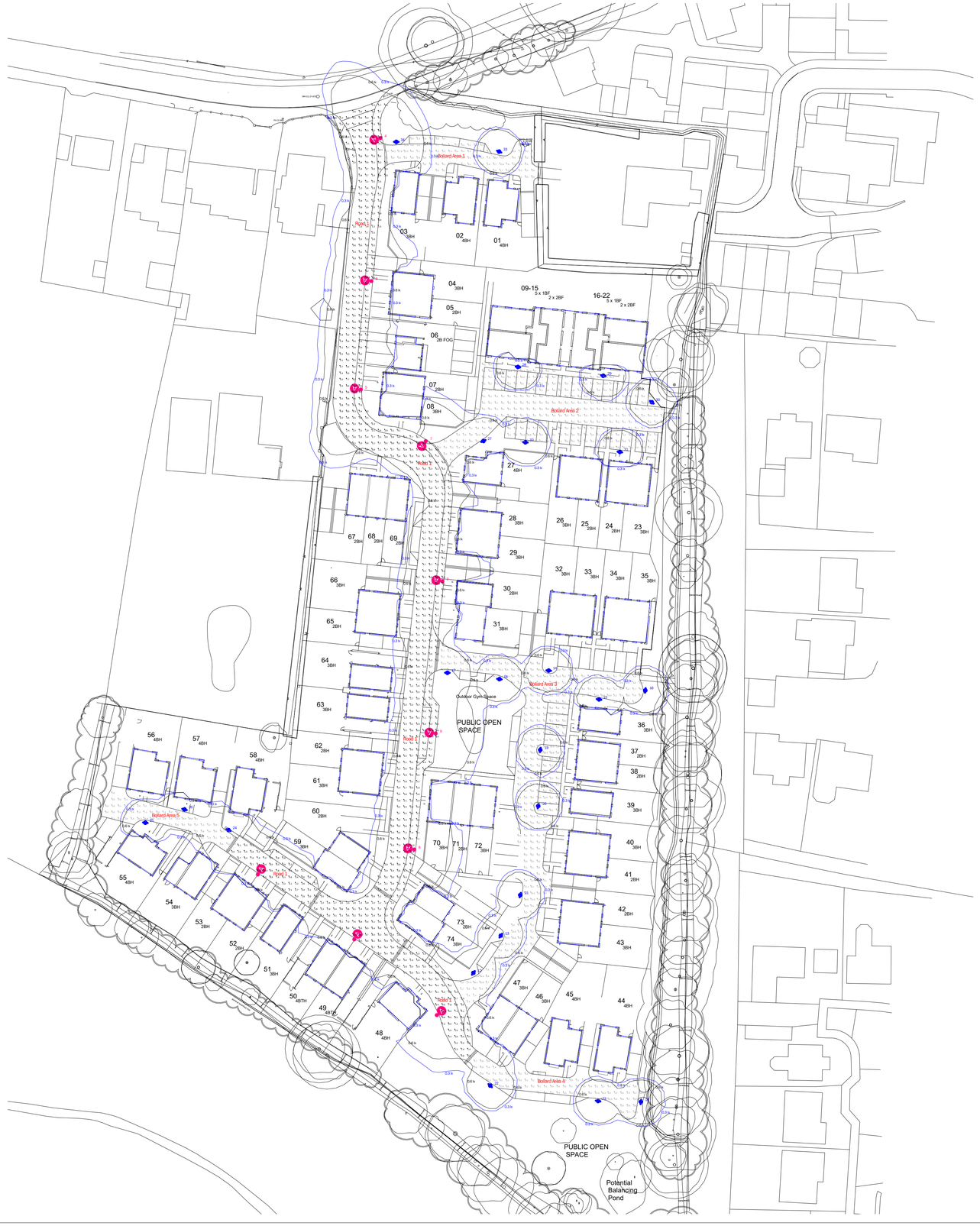
LFF: BS5489-1:2020 [Annex D2] = 1.0 Based on CLO LED Data

SF: BS5489-1:2020 [Annex D2] = 1.0

LMF: BS5489-1:2020 [Table C1] = 72 Months:

E3/E4 <6M TLS = 0.84

LFF*SF*LMF = Total MF



Calculation Summary

Scene:

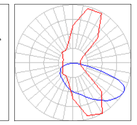
Grid Ref	Measurement	Units	Eav	Emax	Emin	Uo	Ud	X Pitch	Y Pitch
Bollard Area 1	Illuminance	Lux	3.87	75.5	0.0	0.00	0.00	1.5	1.5
Bollard Area 2	Illuminance	Lux	4.27	97.3	0.0	0.00	0.00	1.5	1.5
Bollard Area 3	Illuminance	Lux	6.66	112.4	0.0	0.00	0.00	1.5	1.5
Bollard Area 4	Illuminance	Lux	6.48	93.8	0.0	0.00	0.00	1.5	1.5
Bollard Area 5	Illuminance	Lux	10.44	125.4	0.0	0.00	0.00	1.5	1.5
Road 1	Illuminance	Lux	3.98	11.3	0.6	0.15	0.05	1.5	1.5

Luminaire Location Summary

Scene:

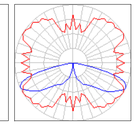
Col ID	Ref (Qty)	X	Y	Z [Height]	Angle	Tilt	Dimming
1	A (1)	512620.447	116228.499	6	59.255	0	0.30
2	A (1)	512641.153	116312.709	6	170.534	0	0.30
3	A (1)	512597.759	116243.777	6	58.888	0	0.30
4	A (1)	512626.556	116416.875	6	194.837	0	0.30
5	A (1)	512621.982	116357.783	6	170.46	0	0.30
6	A (1)	512624.437	116383.271	6	173.272	0	0.30
7	A (1)	512637.252	116345.648	6	230.117	0	0.30
8	A (1)	512634.523	116249.635	6	189.359	0	0.30
9	A (1)	512639.564	116276.936	6	172.699	0	0.30
10	A (1)	512639.849	116210.706	6	42.244	0	0.30
11	B (1)	512687.828	116190.328	1	262.027	0	1.00
12	B (1)	512648.441	116220.639	1	52.697	0	1.00
13	B (1)	512654.89	116229.397	1	55.247	0	1.00
14	B (1)	512666.154	116291.715	1	354.64	0	1.00
15	B (1)	512677.992	116284.93	1	171.712	0	1.00
16	B (1)	512688.868	116287.048	1	261.872	0	1.00
17	B (1)	512642.334	116291.187	1	178.857	0	1.00
18	B (1)	512654.558	116289.693	1	172.387	0	1.00
19	B (1)	512664.17	116273.047	1	260.16	0	1.00
20	B (1)	512663.689	116259.861	1	257.707	0	1.00
21	B (1)	512659.46	116238.928	1	74.953	0	1.00
22	B (1)	512652.41	116194.13	1	137.884	0	1.00
23	B (1)	512677.77	116190.521	1	170.461	0	1.00
24	B (1)	512590.861	116254.206	1	336.538	0	1.00
25	B (1)	512571.317	116255.943	1	173.45	0	1.00
26	B (1)	512580.509	116259.071	1	343.699	0	1.00
27	B (1)	512650.802	116345.677	1	204.372	0	1.00
28	B (1)	512658.919	116363.082	1	349.595	0	1.00
29	B (1)	512678.986	116361.013	1	347.01	0	1.00
30	B (1)	512690.391	116354.805	1	323.863	0	1.00
31	B (1)	512682.888	116343.097	1	171.301	0	1.00
32	B (1)	512660.67	116345.369	1	173.866	0	1.00
33	B (1)	512654.501	116413.716	1	337.391	0	1.00
34	B (1)	512630.32	116416.002	1	0	0	1.00





REF A:
Sierra Solar Midi, 30W, 3000Km Wide Road Type 2 Optic.
Dimmed to 30%.
Painted in Antracite Grey Ral 7016.
6M Column to West Sussex Column Spec.





REF B:
Pharola Dark Sky, 1M, 3000K, 9LED, 700mA. 20W.
Painted in DB 703 Metallic Dark Grey.

Road 1:

BS EN 13201-2:2015

6.1 Requirements for pedestrians & pedal cyclists
Table 3 - P Lighting Classes

Class P5:
3.0 - 4.5lx Eav
0.6lux Emin

Issue:	Date:	Description:
A	29/01/2024	Based on client CAD DWG

CDM Statement:
Please note that this proposed lighting scheme is a lighting solution that has been designed with information provided by the client. The solution does not include site, installation engineering or any risk assessment considerations.

DW Windsor
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Project:

Chanctonbury Nursery, Rectory Lane, Ashington

Client:	Simpson Associates Consulting - Gloucester	Contact:	Ellie Reid
Project Management:	Steven Meredith	Lighting Design:	Emma Gregory

All measurements in Metres & lux. Do not scale from this drawing.
All product images are indicative.

Filename: 24-034-1A - 1.1 Chanctonbury Nursery, Rectory Lane, Ashington [Layout].AGI	AGi32® Version 21.1.77
Date: 29/01/2024	Scale: 1:550 @ A1
Project Ref:	Page 1 of 1

24-034-1A