

Luminaire Schedule									
Symbol	Ref	Qty	Config	Outreach	Description	Lumens	Cutoff Class	Total MF	Unit Watts
	A	15	Single	0	Kirium 200 Bollard-Asymmetric Medium-2.7k-500mA-15W	1272	Non-Output	0.840	15

Upward Waste Light Ratio Measurement		
UWLR	Limit	Pass / Fail
0.07	0.10	PASS

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

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

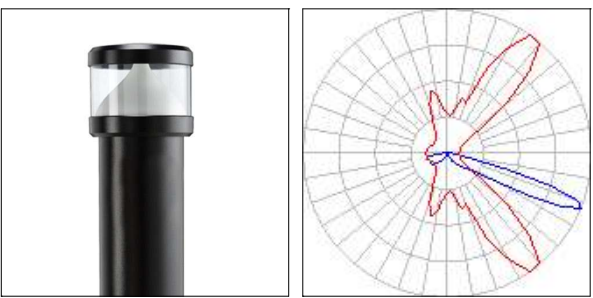
LMF: BS5489-1:2020 [Table C1] = 72 Months:

E3/E4 <6M TLS = 0.84

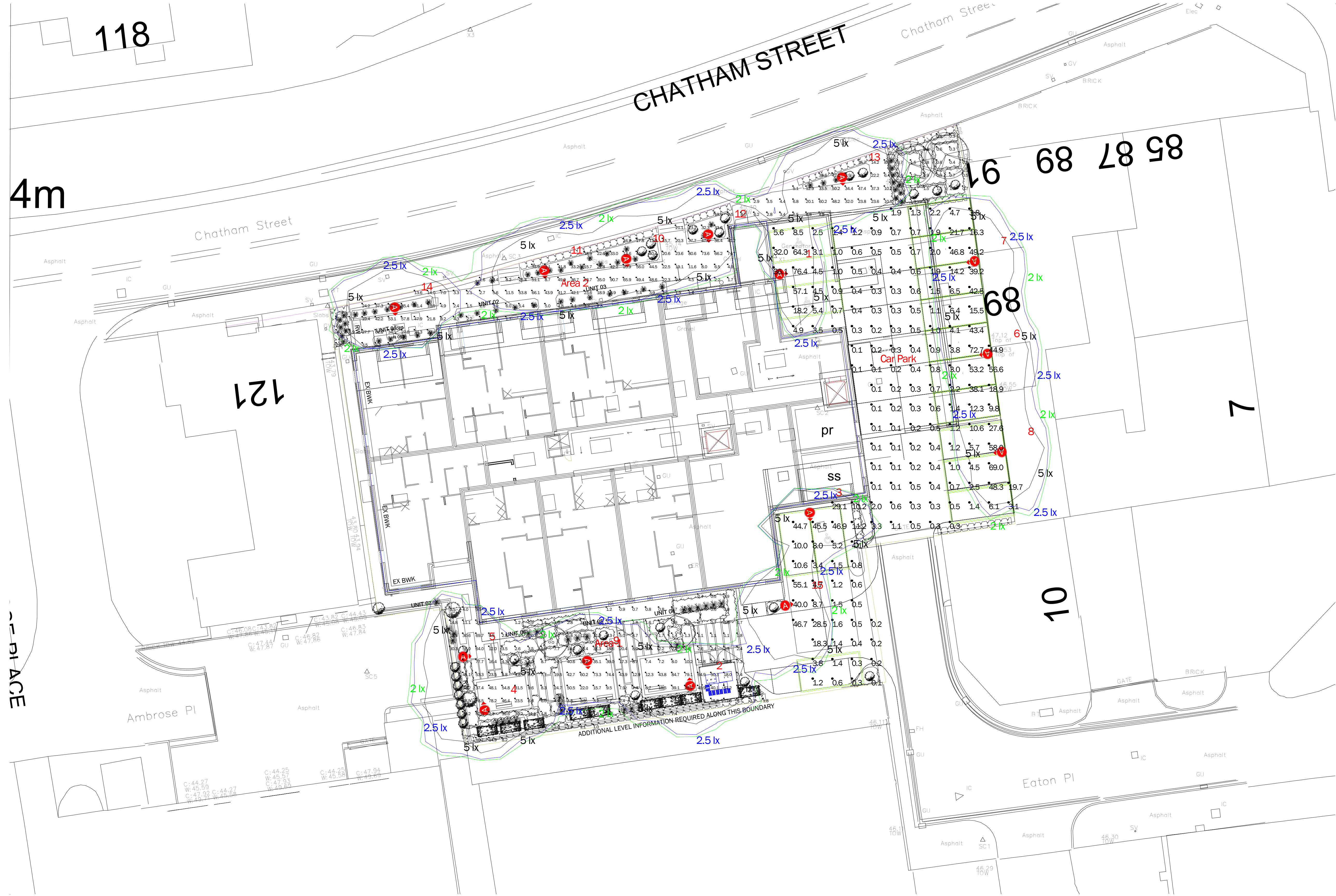
LFP*SF*LMF = Total MF

Calculation Summary									
Grid Ref	Measurement	Units	Eav	Emax	Emin	Uo	Ud	X Pitch	Y Pitch
Area 1	Illuminance	Lux	16.28	88.5	0.4	0.02	0.00	1	1
Area 2	Illuminance	Lux	19.07	90.7	0.3	0.02	0.00	1	1
Car park	Illuminance	Lux	9.60	76.4	0.1	0.01	0.00	1.5	1.5

Luminaire Location Summary					
Col ID	Ref (Qty)	X	Y	Z (Height)	Angle
1	A (1)	470871.585	173498.874	1	4.836
2	A (1)	470864.749	173467.33	1	95.194
3	A (1)	470873.912	173480.609	1	273.896
4	A (1)	470849.001	173465.479	1	98.68
5	A (1)	470847.351	173469.571	1	4.351
6	A (1)	470887.534	173492.767	1	187.903
7	A (1)	470886.543	173499.866	1	191.115
8	A (1)	470898.618	173485.253	1	187.758
9	A (1)	470896.861	173469.258	1	277.799
10	A (1)	470859.854	173500.047	1	279.477
11	A (1)	470853.578	173499.159	1	275.711
12	A (1)	470866.129	173501.928	1	275.477
13	A (1)	470876.391	173506.294	1	276.133
14	A (1)	470842.115	173496.335	1	274.901
15	A (1)	470872.024	173473.491	1	11.207



REF A:
Kirium Bollard, 200mm, 1M, Asymmetric Medium: 2700K, 500mA.
Finished in Anthracite Grey, Ral 7016.



B	23/03/2026	Changed to 2700K
A	17/12/2022	Based on client CAD DWG
Issue:	Date:	Description:

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.



Project:
Chatham Street, Reading

Client:	Abri Group	Contact:	Daniel Waite
Project Management:	Amy Franks	Lighting Design:	Emma Gregory
All measurements in Metres & lux. Do not scale from this drawing. All product images are indicative.			
Filename:	22-484-1B - 1.1 Chatham Street, Reading [Design] draftV2.AGI	AGI32® Version	22.3.2
Date:	23/03/2026	Scale:	1:150 @ A1
Project Ref:	Page 1 of 1		

22-484-1B