

Luminaire Schedule		Qty	Config	Description	Lumens	Cutoff Class	Total MF	Unit Watts
Symbol	Ref							
	A	22	Single	Kirium Wall 8 x 300mA 4K CLO LED Array, Clear Medium Optic, 3m TLS	983	Non-Cutoff	0.840	6
	B	6	Single	KIRIUM PRO MINI 16LED 4k C2 700mA UMSUG 42 0032 0000 100	5178	Full Cutoff	0.840	32

Luminous Flux Factor (LFF): BS5489-1:2020 [Annex D2] = 1.0 Based on CLO LED Data

Survival Factor (SF): BS5489-1:2020 [Annex D2] = 1.0

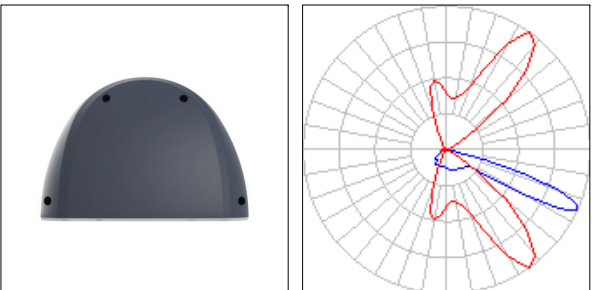
Luminaire Maintenance Factor (LMF): BS5489-1:2020 [Table C1] = 72 Months:
Environmental Zone:

E / E4 =<6M TLS = 0.84

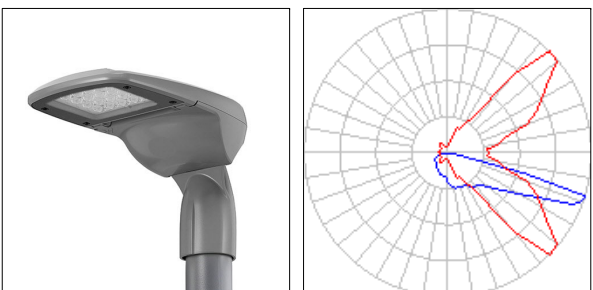
Maint * [SF] * [LMF] = Total Maintenance Factor Value

Calculation Summary									
Grid Ref	Measurement	Units	Eav	Emax	Emin	Uo	Ud	X Pitch	Y Pitch
Area 1	Illuminance	Lux	14.14	20.7	4.9	0.35	0.24	1.5	1.5
Area 2	Illuminance	Lux	16.79	22.0	10.0	0.60	0.45	1.5	1.5
Area 3	Illuminance	Lux	13.49	18.9	4.0	0.30	0.21	1.5	1.5
Area 4	Illuminance	Lux	12.89	24.5	4.9	0.38	0.20	1.5	1.5
Car Park	Illuminance	Lux	25.93	39.0	6.8	0.26	0.17	1.5	1.5
Walkway 1	Illuminance	Lux	13.13	18.2	5.3	0.40	0.29	1.5	N.A.
Walkway 2	Illuminance	Lux	12.18	19.3	5.3	0.44	0.27	1.5	N.A.
Walkway 3	Illuminance	Lux	7.74	15.4	1.5	0.19	0.10	1.5	N.A.
Walkway 4	Illuminance	Lux	9.61	15.7	5.1	0.53	0.32	1.5	N.A.

Luminaire Location Summary						
Col ID	Ref (Qty)	X	Y	Z (Height)	Angle	Tilt
1	A (1)	372060.613	354896.475	3	79.67	0
2	A (1)	372079.926	354892.5	3	79.67	0
3	A (1)	372067.784	354896.14	3	79.67	0
4	A (1)	372073.252	354894.988	3	79.67	0
5	A (1)	372058.334	354890.433	3	168.35	0
6	A (1)	372079.725	354886.527	3	351.314	0
7	A (1)	372066.536	354883.886	3	169.352	0
8	A (1)	372078.49	354978.074	3	350.266	0
9	A (1)	372054.018	354876.979	3	169.352	0
10	A (1)	372052.843	354871.798	3	169.352	0
11	A (1)	372078.466	354871.191	3	350.266	0
12	A (1)	372077.434	354866.754	3	350.266	0
13	A (1)	372053.668	354870.286	3	169.352	0
14	A (1)	372074.952	354860.513	3	347.146	0
15	A (1)	372078.718	354858.162	3	349.243	0
16	A (1)	372076.65	354843.149	3	349.322	0
17	A (1)	372068.362	354833.966	3	261.194	0
18	A (1)	372048.54	354838.035	3	259.026	0
19	A (1)	372048.557	354842.824	3	169.396	0
20	A (1)	372055.352	354835.468	3	259.026	0
21	A (1)	372060.844	354834.365	3	259.026	0
22	A (1)	372050.838	354856.274	3	168.788	0
23	B (1)	372163.663	354827.389	6	104.667	0
24	B (1)	372152.6	354819.984	6	105.235	0
25	B (1)	372139.768	354819.474	6	103.045	0
26	B (1)	372128.076	354822.233	6	11.516	0
27	B (1)	372137.04	354833.386	6	283.148	0
28	B (1)	372150.621	354836.504	6	282.692	0

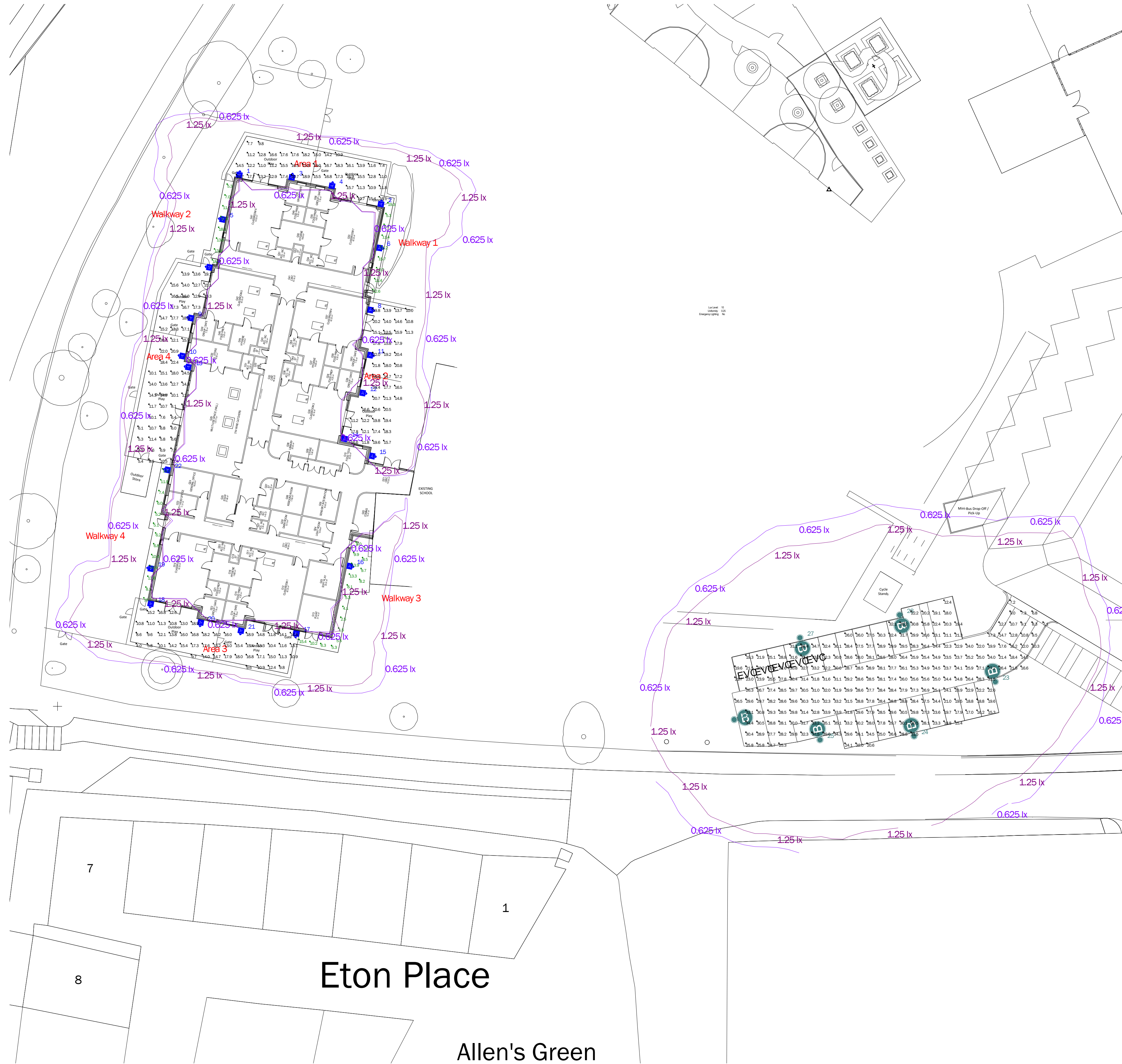


REF A:
Kirium Wall, 8 x 300mA 4K CLO LED Array, Clear Medium Optic,
RAL7046 Grey Finish, No Photocell.



REF B:
Kirium Pro Mini, 16 x 700mA 4K CLO LED Array,
RAL7046 Grey Finish, No Photocell.

6m TLS Tubular Steel Column, RAL7046 Grey Finish



Walkways:
BS EN 12464-2:2014
5.1 General requirements for areas
5.1.1 Walkways exclusively for pedestrians
5.0lx Eav
0.25Uo

A 16/11/23 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 for CDM.



Project:
Millwood School
4th Wing Extension

Client: Ridge and Partners Manchester Contact: Mark Harrison
Project Management: Dan Gormley Lighting Design: Michael Walker
All measurements in Metres & lux. Do not scale from this drawing.
All product images are indicative.
Filename: 23-465-1A - 1.1 Millwood School DRAFTv3.AGI AG328 Version 21.1.77
Date: 16/11/2023 Scale: 1:300 @ A1
Project Ref: Page 1 of 1

23-465-1A DRAFTv3