

Luminaire Schedule								
Symbol	Ref	Qty	Config	Description	Lumens	Cutoff Class	Total MF	Unit Watts
	A	17	Single	KIRIUM PRO MINI 8LED 3k A1_400mA UMSUG 42 0009 0000 100	1430	Non-Cutoff	0.840	9
	B	7	Single	KIRIUM PRO MINI 8LED 3k C2_400mA UMSUG 42 0009 0000 100	1414	Full Cutoff	0.840	9
	C	30	Single	Ligman Lightsoft 20, LH-10823-12-8030	503	N.A.	0.750	6

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

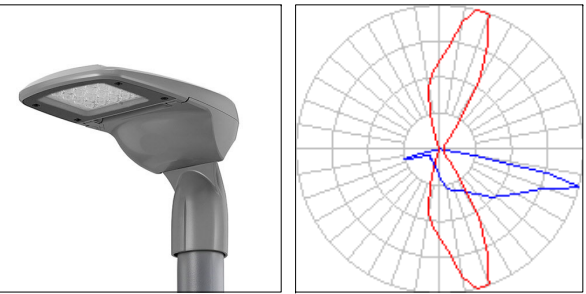
Luminaire Maintenance Factor (LMF): BS5489-1:2020 [Table C1] = 72 Months:
Environmental Zone:

E3/E4 =<6M TLS = 0.84

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

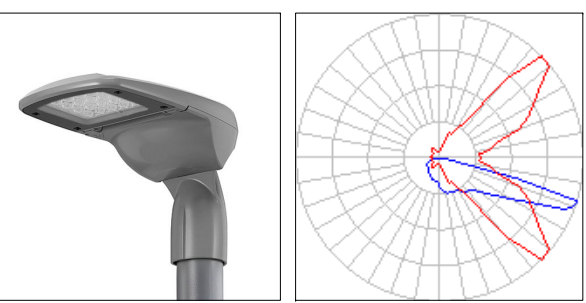
Calculation Summary									
Grid Ref	Measurement	Units	Eav	Emax	Emin	Lo	Ud	X Pitch	Y Pitch
Dark Area Spill	Illuminance	Lux	0.20	31.9	0.0	0.00	0.00	2	2
Footpath 1	Illuminance	Lux	4.91	22.2	0.5	0.10	0.02	1.5	1.5
Footpath 2	Illuminance	Lux	5.63	34.0	0.7	0.12	0.02	1.5	1.5
Footpath 3	Illuminance	Lux	2.64	27.4	0.3	0.11	0.01	1.5	1.5
Parking 1	Illuminance	Lux	3.28	8.9	1.3	0.40	0.15	1.5	1.5
Parking 2	Illuminance	Lux	4.34	9.7	1.1	0.25	0.11	1.5	1.5
Parking 3	Illuminance	Lux	3.76	13.2	1.0	0.27	0.08	1.5	1.5
Parking 4	Illuminance	Lux	3.01	8.8	1.0	0.33	0.11	1.5	1.5
Parking 5	Illuminance	Lux	3.02	8.9	1.0	0.33	0.11	1.5	1.5
Road 01	Illuminance	Lux	4.27	16.8	0.4	0.09	0.02	1.5	1.5
Road 02	Illuminance	Lux	4.47	16.2	0.9	0.20	0.06	1.5	1.5
Road 03	Illuminance	Lux	3.56	15.6	0.7	0.20	0.04	1.5	1.5
Road 04	Illuminance	Lux	2.93	24.8	0.1	0.03	0.00	1.5	1.5
Road 05	Illuminance	Lux	1.70	30.8	0.0	0.00	0.00	1.5	1.5
Road 06	Illuminance	Lux	2.06	25.8	0.1	0.05	0.00	1.5	1.5

Luminaire Location Summary						
Col ID	Ref (Qty)	X	Y	Z (Height)	Angle	Tilt
1	A (1)	445700.262	109161.636	5	103.135	0
2	A (1)	445676.324	109153.494	5	108.389	0
3	A (1)	445640.027	109149.868	5	286.407	0
4	A (1)	445640.255	109131.812	5	196.566	0
5	A (1)	445658.84	109101.199	5	222.929	0
6	A (1)	445619.978	109192.324	5	189.186	0
7	A (1)	445628.954	109164.136	5	198.81	0
8	A (1)	445622.528	109220.533	5	166.381	0
9	A (1)	445757.647	109204.902	5	120.599	0
10	A (1)	445680.368	109190.848	5	15.507	0
11	A (1)	445709.956	109185.934	5	193.947	0
12	A (1)	445695.704	109176.854	5	52.754	0
13	A (1)	445717.968	109205.658	5	127.258	0
14	A (1)	445741.782	109221.714	5	116.81	0
15	A (1)	445694.787	109195.887	5	333.692	0
16	A (1)	445722.454	109134.831	5	33.548	0
17	A (1)	445719.691	109156.559	5	204.771	0
18	B (1)	445745.008	109189.51	5	122.646	0
19	B (1)	445667.394	109234.515	5	288.749	0
20	B (1)	445667.815	109210.46	5	16.211	0
21	B (1)	445736.441	109172.325	5	294.2	0
22	B (1)	445746.688	109158.759	5	130.184	0
23	B (1)	445681.674	109152.696	5	107.672	0
24	B (1)	445717.474	109225.915	5	122.445	0
25	C (1)	445679.613	109289.442	1	271.427	0
26	C (1)	445691.737	109288.913	1	258.558	0
27	C (1)	445702.658	109265.978	1	247.198	0
28	C (1)	445761.745	109198.969	1	213.873	0
29	C (1)	445767.329	109190.673	1	213.873	0
30	C (1)	445772.912	109182.377	1	213.873	0
31	C (1)	445778.496	109174.081	1	213.873	0
32	C (1)	445781.598	109164.968	1	173.475	0
33	C (1)	445776.258	109157.002	1	125.652	0
34	C (1)	445767.948	109151.439	1	125.652	0
35	C (1)	445759.639	109145.876	1	125.652	0
36	C (1)	445751.412	109140.192	1	125.652	0
37	C (1)	445743.184	109134.507	1	125.652	0
38	C (1)	445725.997	109122.973	1	130.796	0
39	C (1)	445718.267	109116.63	1	130.796	0
40	C (1)	445710.536	109110.286	1	130.796	0
41	C (1)	445628.799	109246.895	1	321.842	0
42	C (1)	445644.984	109258.772	1	301.488	0
43	C (1)	445666.936	109268.167	1	294.838	0
44	C (1)	445656.111	109263.581	1	292.697	0
45	C (1)	445636.483	109253.434	1	309.659	0
46	C (1)	445715.796	109255.761	1	55.388	0
47	C (1)	445727.974	109255.761	1	265.443	0
48	C (1)	445736.242	109251.477	1	224.159	0
49	C (1)	445745.263	109240.953	1	218.142	0
50	C (1)	445690.307	109095.828	1	308.708	0
51	C (1)	445659.798	109076.449	1	310.446	0
52	C (1)	445647.16	109063.631	1	314.093	0
53	C (1)	445669.716	109074.945	1	134.946	0
54	C (1)	445677.178	109082.287	1	132.944	0



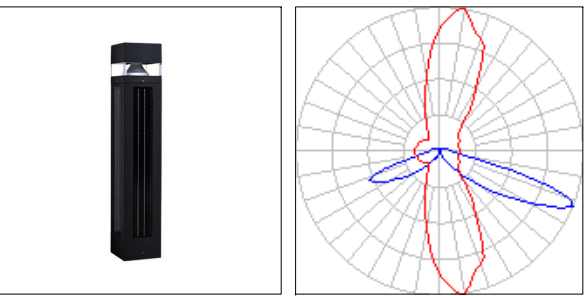
REF A:
Kirium Pro Mini, Direct Post, 8 x 400mA 3K CLO LED Array,
A1 Optic, RAL9005 Black Finish, 35lux Photocell.

5m TLS Tubular Steel Column, RAL9005 Black Finish.



REF B:
Kirium Pro Mini, Direct Post, 8 x 400mA 3K CLO LED Array,
C2 Optic, RAL9005 Black Finish, 35lux Photocell.

5m TLS Tubular Steel Column, RAL9005 Black Finish.



REF C:
Ligman Lightsoft 20, LH-10823-12-8030, Black Finish.

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

NOTE: Min Lux Level Lower Than 0.6 In Some Areas To Avoid Ecology

B 07/02/24 Luminaires Revised Along Road 5 & 1 To Avoid Ecology Areas

A 03/03/23 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.



Netley Grange

Client: Elvia Homes Contact: Laurence Steele

Project Management: Amy Franks Lighting Design: Michael Walker

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

Filename: 23-078-1B - 1.1 Netley Grange.AGI AG328 Version 21.1.77

Date: 07/02/2024 Scale: 1:500 @ A1

Project Ref: Page 1 of 1

23-078-1B