

Luminaire Schedule									
Symbol	Ref	Qty	Config	Description	Mtg Height	Lumens	Cutoff Class	Total MF	Unit Watts
	A	4	Single	Kirium Pro S Mini 8LED 3K A2 350mA UMSUG 42 0009 0000 100	6	1497	Semi-Cutoff	0.920	9
	B	3	Single	Kirium Pro S Mini 8LED 3K C2 350mA UMSUG 42 0009 0000 100	6	1429	Non-Cutoff	0.920	9
	C	2	Single	Kirium Pro S Mini Rear Shield 8 LED 3K B1 250mA UMSUG 42 0006 0000 100	5	932	Full Cutoff	0.920	6

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

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

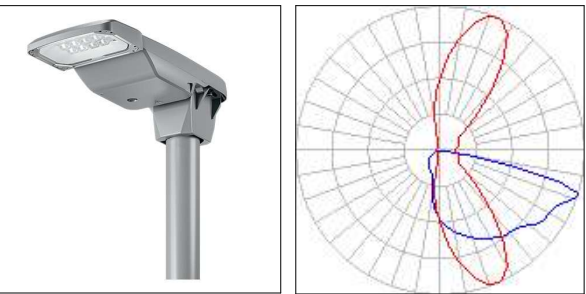
Luminaire Maintenance Factor (LMF): BS5489-1:2020 [Table C1] = 72 Months:
Environmental Zone:

E1/E2 =~6M TLS = 0.92

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

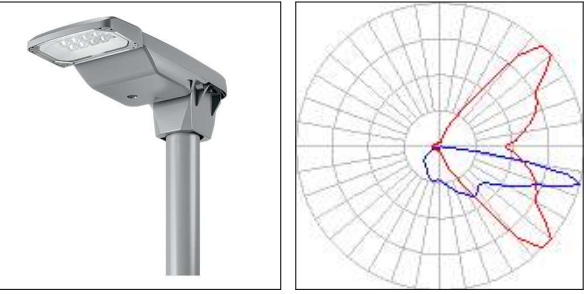
Calculation Results Summary									
Grid Reference	Measurement	Units	Eav	Emax	Emin	Uo	Ud	X Pitch	Y Pitch
Roadway	Illuminance	Lux	3.51	12.4	0.9	0.26	0.07	1.5	1.5
Walkways	Illuminance	Lux	3.67	8.3	0.8	0.22	0.10	1	1

Luminaire Location Summary							
Col ID	Ref (Qty)	X	Y	Angle	Tilt	Dimming	
1	A (1)	990.5	988.944	322.148	0	1.00	
2	A (1)	971.374	964.232	318.124	0	1.00	
3	A (1)	1025.395	1014.714	141.107	0	1.00	
4	A (1)	1030.105	1042.889	320.535	0	1.00	
5	B (1)	1047.164	1030.018	50.727	0	1.00	
6	B (1)	1000.839	1010.121	8.738	0	1.00	
7	B (1)	1062.585	1052.26	141.399	0	1.00	
8	C (1)	1073.346	1061.488	227.985	0	1.00	
9	C (1)	1071.743	1043.892	139.588	0	1.00	



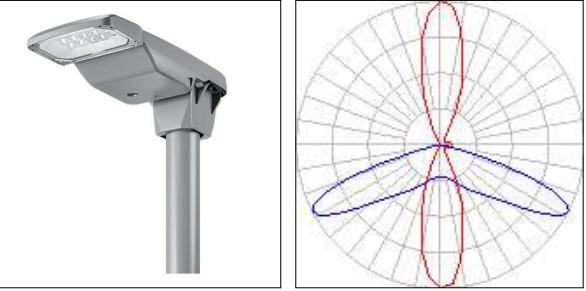
REF A:
Kirium Pro S Mini, Direct Post, 8 x 350mA 3K CLO LED Array,
A2 Optic, RAL7046 Grey Finish, 7 Pin Nema Socket

6m TLS Tubular Steel Rooted Neath CC Spec, Column,
Galvanised Finish



REF B:
Kirium Pro S Mini, Direct Post, 8 x 350mA 3K CLO LED Array,
C2 Optic, RAL7046 Grey Finish, 7 Pin Nema Socket

6m TLS Tubular Steel Rooted Neath CC Spec, Column,
Galvanised Finish



REF C:
Kirium Pro S Mini, Direct Post, 8 x 250mA 3K CLO LED Array,
B1 Optic, RAL7046 Grey Finish, 7 Pin Nema Socket + Rear Light Shield

5m TLS Tubular Steel Rooted Neath CC Spec, Column,
Galvanised 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

A 20/11/25 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.



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Project:
**Caewern House,
Neath**

Client: Spring Consultancy Ltd Contract: Max Collis
Project Management: Steve Meredith Lighting Design: Michael Walker

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

Filename: 25-449-1A - 1.1 Caewern House, Neath.AGI AG320® Version 22.2.80
Date: 20/11/2025 Scale: 1:300 @ A1
Project Ref: Page 1 of 1

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