

Luminaire Schedule										
Symbol	Ref	Qty	Config	Outreach	Description	Mtg Height	Lumens	Cutoff Class	Total MF	Unit Watts
	A	12	Single	0	Kirium Pro S1 16LED A1 3k Rear shield 450mA UMSUG 42 0021 0000 100	5	2964	Semi-Cutoff	0.840	21
	B	3	Single	0	Kirium Pro S1 16LED C2 3k Rear shield 450mA UMSUG 42 0021 0000 100	5	2955	Semi-Cutoff	0.840	21

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

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

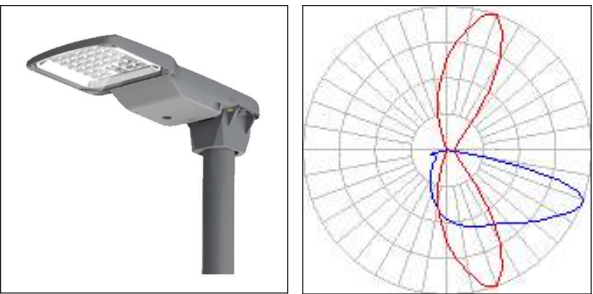
Luminaire Maintenance Factor [LMF]: BS5489-1:2020 [Table C1] = 72 Months:
Environmental Zone:

E3/E4 =<6M TLS = 0.84

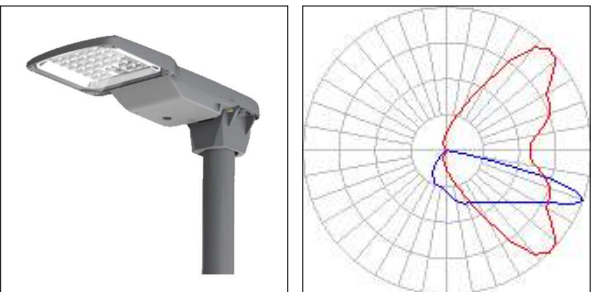
[LFF] * [SF] * [LMF] = Total Maintenance Factor Value

Calculation Results Summary										
Grid Reference	Measurement	Units	Eav	Emax	Emin	Uo	Ud	X Pitch	Y Pitch	
Road 1	Illuminance	Lux	6.79	36.0	1.0	0.15	0.03	1.5	1.5	

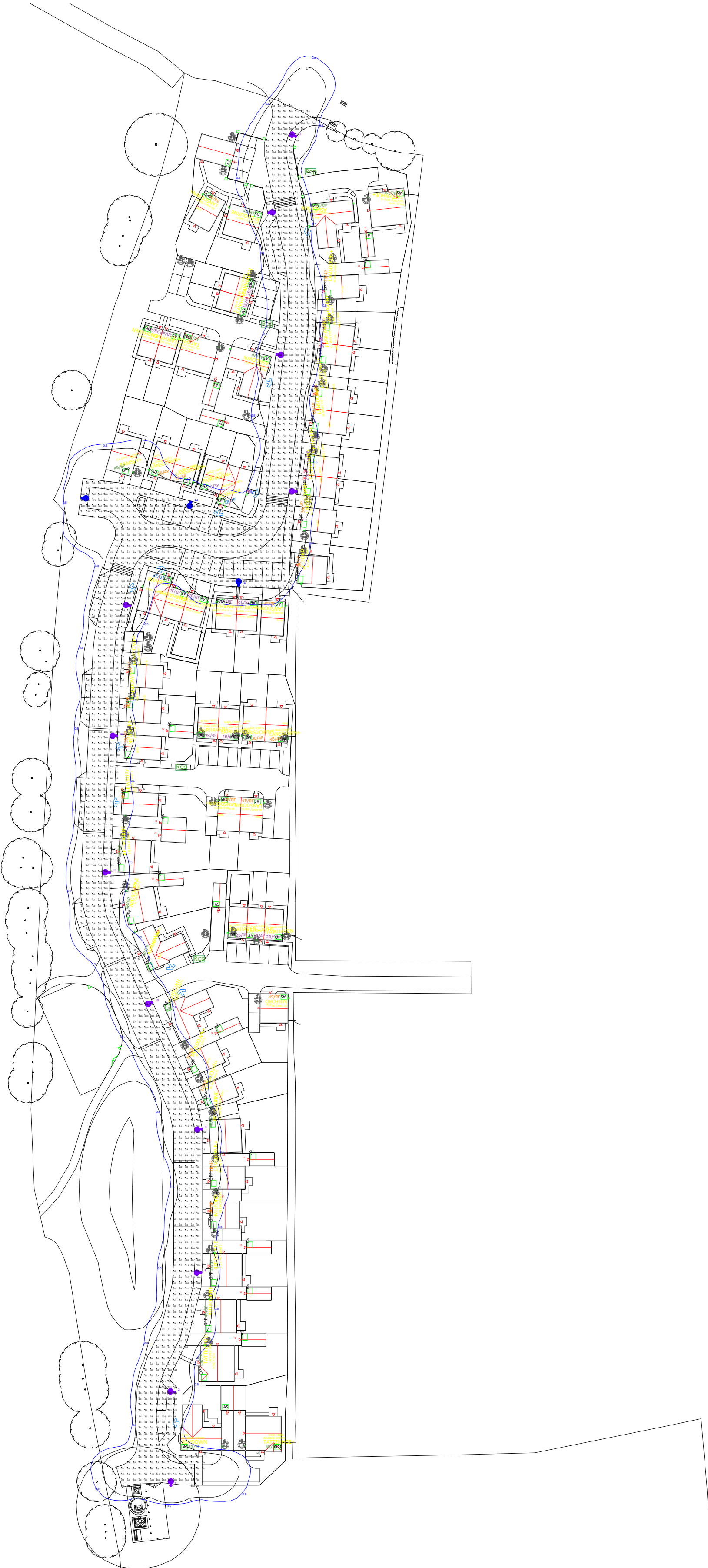
Luminaire Location Summary						
Col ID	Ref (Qty)	X	Y	Angle	Tilt	Dimming
1	A (1)	407735.211	187222.324	89.054	0	1.00
2	A (1)	407736.131	187246.468	171.78	0	1.00
3	A (1)	407767.508	187671.265	154.233	0	1.00
4	A (1)	407767.599	187479.355	174.978	0	1.00
5	A (1)	407762.667	187514.851	351.393	0	1.00
6	A (1)	407760.54	187551.441	9.781	0	1.00
7	A (1)	407724.622	187449.795	165.036	0	1.00
8	A (1)	407742.971	187277.313	178.69	0	1.00
9	A (1)	407743.079	187314.514	190.736	0	1.00
10	A (1)	407730.266	187347.204	202.381	0	1.00
11	A (1)	407719.323	187380.848	177.166	0	1.00
12	A (1)	407721.208	187416.121	177.14	0	1.00
13	B (1)	407740.386	187476.644	255.457	5	1.00
14	B (1)	407752.721	187455.124	86.606	5	1.00
15	B (1)	407712.273	187477.696	355.123	5	1.00



REF A:
Kirium Pro S1, 16LED, A1 Optic, 3000K, Rear Shield, 450mA.
Painted in Grey Ral 7046.
Complete with 7 Pin Nema Socket.
5M Tubular Steel column. Rooted. Galvanised finish.



REF B:
Kirium Pro S1, 16LED, C2 Optic, 3000K, Rear Shield, 450mA.
Painted in Grey Ral 7046.
Complete with 7 Pin Nema Socket.
5M Tubular Steel column. Rooted. Galvanised finish.



BS EN 13201-2:2015

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

Class P4:
5.0 - 7.5lx Eav
1.0lux Emin

A 21/05/2026 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:
Pavenhill Farm, Purton

Client: Think Urban Contract: Leigh Fotiadis
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: 26-217-1A - 1.1 Pavenhill Farm, Purton [Layout].AGI AG32® Version 22.3.2
Date: 21/05/2026 Scale: 1:850 @ A1
Project Ref: Page 1 of 1

26-217-1A