DATE: **25 February 2026**

DESIGNER: **Emma Gregory**

PROJECT No: **26-086-1B**

PROJECT NAME: **Longwater Road, Finchampstead**

P4 [5-7.5Lux Average/1Lux Minimum]

8 X Kirium Pro S1, 16LED, 3000K, A1, 450mA. Painted in Grey RAL7046. With 7 Pin Nema.
6M tubular steel, RAL7046 grey finish. Root Mounted.

Outdoor Lighting Report

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.

PREPARED BY:

DW Windsor Lighting
Pindar Road
Hoddesdon
Hertfordshire
EN11 0DX

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 479527.0m x 162634.3m
Area 204.3m x 124.4m
Sample Spacing 1.49m x 1.50m

Luminaires



Luminaire A Data

Supplier	D W Windsor
Type	Kirium Pro S1 16LED 3K A1 450mA UMSU G 42 0020 0000 100
Lamp(s)	16x3k
Lamp Flux (klm)	3.67
File Name	Kirium Pro S1 16LED 3K A1_450mA v2 UM SUG 42 0020 0000 100.ies
Maintenance Factor	0.84
Imax70,80,90(cd/klm)	439.8, 171.6, 0.0
No. in Project	8

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	479547.82	162725.16	6.00	284.00	0.00	0.00	0.00			
2	A	479586.26	162736.42	6.00	275.00	0.00	0.00	0.00			
5	A	479621.60	162738.76	6.00	297.00	0.00	0.00	0.00			
6	A	479651.33	162721.64	6.00	12.00	0.00	0.00	0.00			
7	A	479663.07	162691.74	6.00	181.00	0.00	0.00	0.00			
8	A	479713.83	162712.42	6.00	219.00	0.00	0.00	0.00			
9	A	479689.19	162696.72	6.00	101.00	0.00	0.00	0.00			
10	A	479648.78	162745.19	6.00	252.00	0.00	0.00	0.00			

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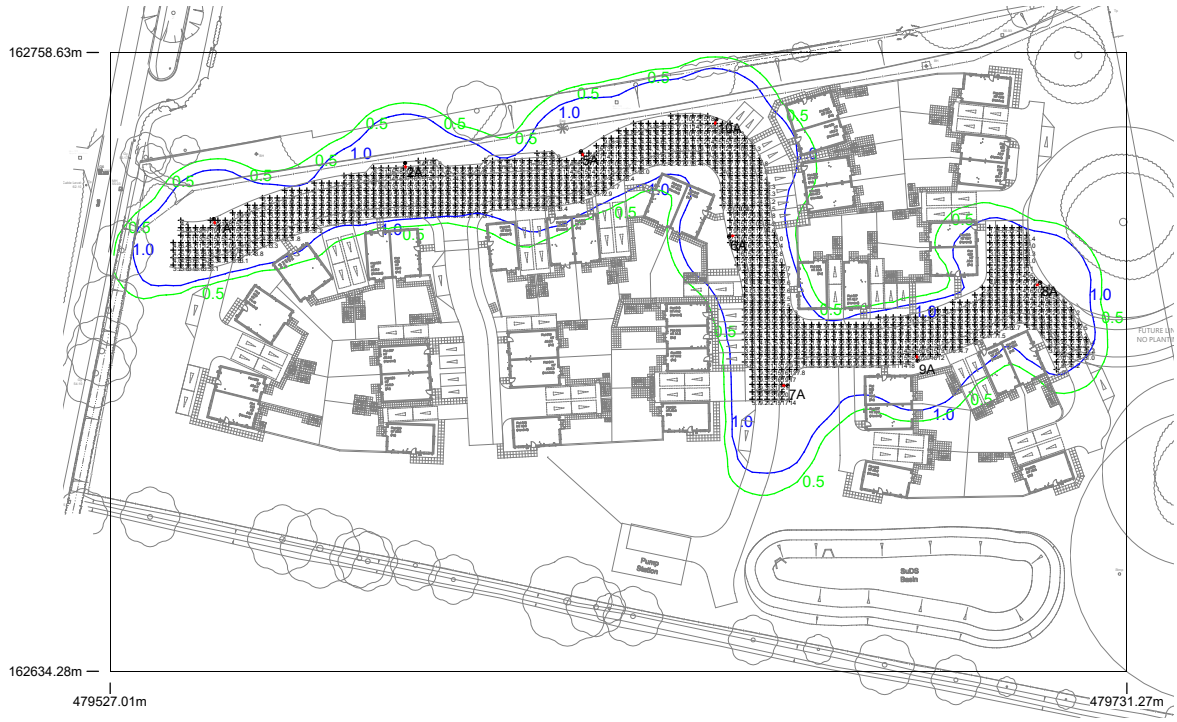
Horizontal Illuminance (lux)

Grid 1



Results

Eav	6.20
Emin	1.01
Emax	21.31
Emin/Emax	0.05
Emin/Eav	0.16

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