

DATE: 9 June 2025
DESIGNER: Michael Walker
PROJECT No: 25-185-1B
PROJECT NAME: Old Forest Road, Winnersh



Lighting Class P4 [5.0 - 7.5lux Eav, 1.0lux Emin]

Windsor Urban, 16*400mA 3K CLO LED Array, A1 Optic
RAL9005 Black Finish, 35lux Photocell.

5m TLS Windsor Urban Tubular Steel Rooted Column, RAL9005 Black Finish.

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
EN110DX

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 479267.6m x 170120.2m
Area 325.6m x 239.1m
Sample Spacing 1.49m x 1.49m

Luminaires



Luminaire A Data

Supplier	D W Windsor
Type	Windsor Urban 16LED 3k A1 400mA UMS UG 42 0017 0000 100
Lamp(s)	16x3k
Lamp Flux (klm)	2.60
File Name	Windsor Urban 16LED 3k A1 400mA UMS UG 42 0017 0000 100.ies
Maintenance Factor	0.84
Imax70,80,90(cd/klm)	737.0, 601.4, 43.9
No. in Project	20

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	479449.89	170160.84	5.00	35.00	0.00	0.00	0.00			
2	A	479426.61	170205.51	5.00	218.00	0.00	0.00	0.00			
3	A	479401.62	170221.70	5.00	31.00	0.00	0.00	0.00			
4	A	479415.56	170243.65	5.00	294.00	0.00	0.00	0.00			
5	A	479415.43	170264.26	5.00	44.00	0.00	0.00	0.00			
6	A	479389.23	170285.36	5.00	296.00	0.00	0.00	0.00			
7	A	479368.37	170265.43	5.00	113.00	0.00	0.00	0.00			
8	A	479343.86	170244.20	5.00	123.00	0.00	0.00	0.00			
9	A	479331.24	170232.77	5.00	202.00	0.00	0.00	0.00			
10	A	479328.14	170207.89	5.00	111.00	0.00	0.00	0.00			
11	A	479343.56	170202.38	5.00	200.00	0.00	0.00	0.00			
12	A	479434.80	170275.65	5.00	132.00	0.00	0.00	0.00			
13	A	479429.76	170297.81	5.00	36.00	0.00	0.00	0.00			
14	A	479458.72	170270.90	5.00	49.00	0.00	0.00	0.00			
15	A	479450.17	170312.33	5.00	119.00	0.00	0.00	0.00			
16	A	479468.49	170331.68	5.00	301.00	0.00	0.00	0.00			
17	A	479506.72	170334.05	5.00	211.00	0.00	0.00	0.00			
18	A	479494.18	170347.01	5.00	297.00	0.00	0.00	0.00			
19	A	479391.43	170229.96	5.00	201.00	0.00	0.00	0.00			
20	A	479433.99	170179.34	5.00	35.00	0.00	0.00	0.00			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	5.79
Emin	1.07
E _{max}	19.43
Emin/E _{max}	0.05
Emin/Eav	0.18