

DATE: 15 April 2026
DESIGNER: Emma Gregory
PROJECT No: 26-111-1C
PROJECT NAME: Johnson Drive, Finchampstead



Lit to P5 [3-4.5Lux Average/0.6Lux Minimum]

REF A: Windsor Urban 16LED, A1 Optic, 300mA, 2700K. Painted in Black Ral 9005.

Complete with 35Lux Photocell.

5M Tubular Steel Column, rooted. Painted in Black Ral 9005.

REF B: Windsor Urban 16LED, A1 Optic, 300mA, 2700K. Painted in Black Ral 9005.

Complete with rear shields.

Pre-set dimmed to 50% output from 22:00-06:00.

5M Tubular Steel Column, rooted. Painted in Black Ral 9005.

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 480534.6m x 165106.1m
Area 121.5m x 112.8m
Sample Spacing 1.48m x 1.48m

Luminaires



Luminaire A Data

Supplier	D W Windsor
Type	Windsor Urban 16LED 2.7k A1 300mA UM SUG 42 0013 0000 100
Lamp(s)	16x2.7k
Lamp Flux (klm)	1.88
File Name	Windsor Urban 16LED 27k A1_300mA UM SUG 42 0013 0000 100.ies
Maintenance Factor	0.84
Imax70,80,90(cd/klm)	737.2, 601.5, 43.9
No. in Project	4



Luminaire B Data

Supplier	D W Windsor
Type	Windsor Urban 16LED 2.7k A1 300mA UM SUG 42 0013 0000 100
Lamp(s)	16x2.7k
Lamp Flux (klm)	1.88
File Name	Windsor Urban 16LED 27k A1_300mA UM SUG 42 0013 0000 100.ies
Maintenance Factor	0.84
Imax70,80,90(cd/klm)	737.2, 601.5, 43.9
No. in Project	2

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	480568.43	165188.46	5.00	308.00	0.00	0.00	0.00			
2	B	480556.16	165154.98	5.00	359.00	0.00	0.00	0.00			
3	B	480560.56	165125.42	5.00	10.00	0.00	0.00	0.00			
4	A	480600.62	165197.26	5.00	284.00	0.00	0.00	0.00			
5	A	480587.21	165152.28	5.00	100.00	0.00	0.00	0.00			
6	A	480606.36	165155.60	5.00	100.00	0.00	0.00	0.00			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	4.50
Emin	0.88
Emax	13.46
Emin/Emax	0.07
Emin/Eav	0.20