DATE:	**11 June 2026**
DESIGNER:	**DPL**
PROJECT No:	**P24896-LRA-S38-PH3-MF1**
PROJECT NAME:	**ELM GROVE, TROWBRIDGE**

Outdoor Lighting Report

PREPARED BY:

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Layout Report

General Data

Dimensions in Metres Angles in Degrees

Calculation Grids

ID	Grid Name	X	Y	X' Length	Y' Length	X' Spacing	Y' Spacing
1	Grid 1 - Northern Access R...	385979.00	156427.00	180.00	375.00	1.50	1.50
2	Grid 2 - Northern Access R...	385955.00	156718.00	102.00	84.00	1.50	1.50
3	Grid 3 - Northern Access R...	386075.00	156427.00	90.00	120.00	1.50	1.50
4	Grid 4 - S278	385919.00	156718.00	60.00	90.00	1.50	1.50
5	Grid 5	385919.00	156757.00	36.00	48.00	1.50	1.50

Luminaires

Luminaire A Data

Supplier	
Type	AXIA 3.2 D8.8 - 3K 32 OSLON SQUARE GI ANT 580mA WW Integrated
Lamp(s)	32 OSLON SQUARE GIANT 580mA WW 3 000K
Lamp Flux (klm)	8.87
File Name	AXIA 3.2 D8.8 - 3K 32 OSLON SQUARE GI ANT 580mA WW 3000K Integrated lenses ...
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	825.8, 81.9, 0.0
No. in Project	2

Luminaire B Data

Supplier	
Type	AXIA 3.1 C3.6 - 3K 16 OSLON SQUARE GI ANT 460mA WW Integrated
Lamp(s)	16 OSLON SQUARE GIANT 460mA WW 3 000K
Lamp Flux (klm)	3.65
File Name	AXIA 3.1 C3.6 - 3K 16 OSLON SQUARE GI ANT 460mA WW 3000K Integrated lenses ...
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	862.0, 84.6, 0.0
No. in Project	6

Luminaire H Data

Supplier	
Type	AXIA 3.1 C3.5 - 27K 16 OSLON SQUARE G IANT 460mA WW Integrated
Lamp(s)	16 OSLON SQUARE GIANT 460mA WW 2 700K
Lamp Flux (klm)	3.50
File Name	AXIA 3.1 C3.5 - 27K 16 OSLON SQUARE G IANT 460mA WW 2700K Integrated lenses...
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	862.0, 84.6, 0.0
No. in Project	2

Luminaire I Data

Supplier	
Type	AXIA 3.1 C3.5 - 27K BL 16 OSLON SQUAR E GIANT 460mA WW 2700K I
Lamp(s)	16 OSLON SQUARE GIANT 460mA WW 2 700K
Lamp Flux (klm)	3.50
File Name	AXIA 3.1 C3.5 - 27K BL 16 OSLON SQUAR E GIANT 460mA WW 2700K Integrated le...
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	742.5, 62.1, 4.3
No. in Project	4

Luminaire K Data

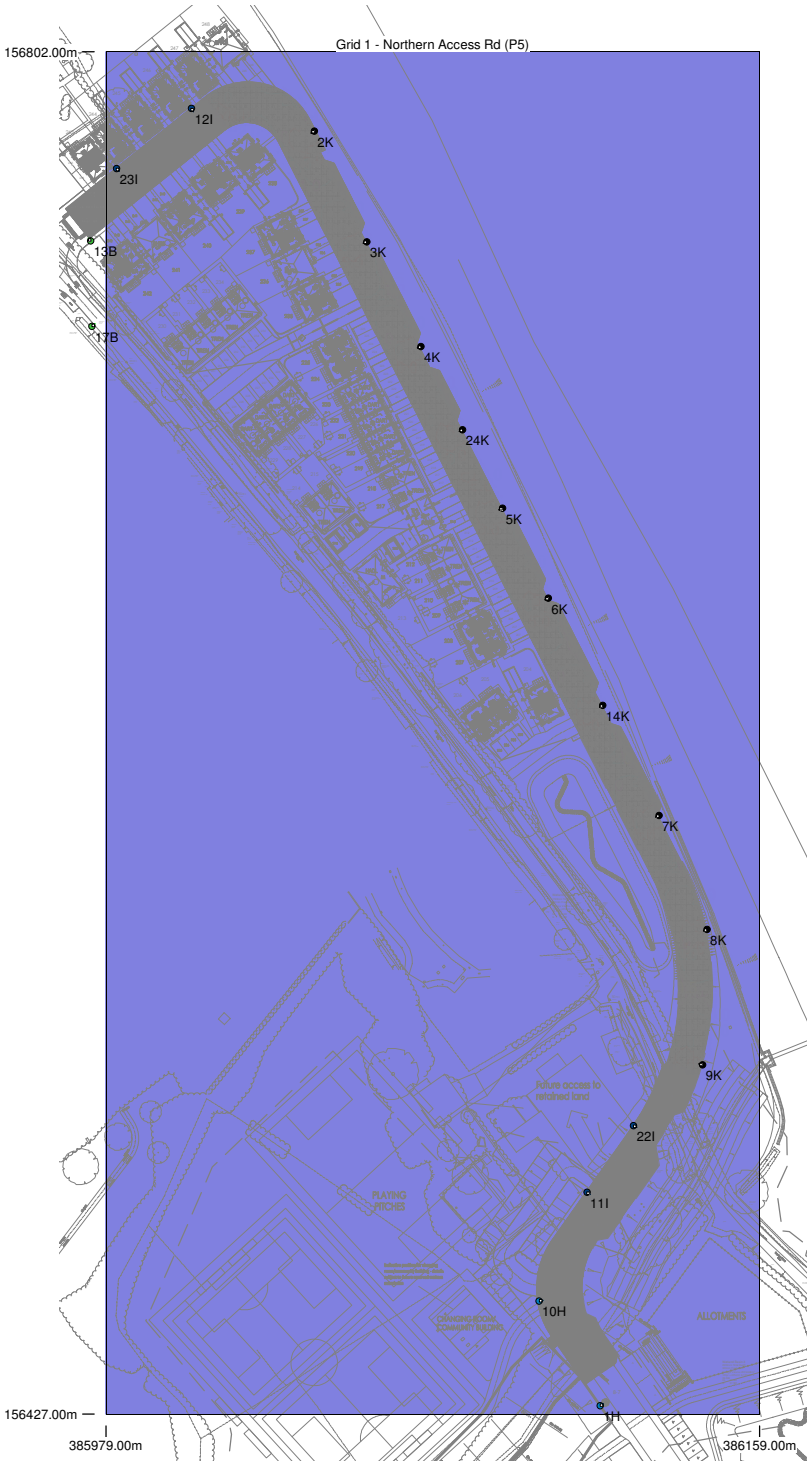
Supplier	
Type	AXIA 3.1 C2.0 - 27K BL 8 OSLON SQUARE GIANT 540mA WW 2700K In
Lamp(s)	8 OSLON SQUARE GIANT 540mA WW 27 00K
Lamp Flux (klm)	2.01
File Name	AXIA 3.1 C2.0 - 27K BL 8 OSLON SQUARE GIANT 540mA WW 2700K Integrated lens...
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	742.5, 62.1, 4.3
No. in Project	10

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	H	386115.05	156429.35	6.00	32.00	0.00	0.00	0.40			
2	K	386036.31	156780.19	5.00	213.00	0.00	0.00	0.40			
3	K	386050.75	156749.71	5.00	203.00	0.00	0.00	0.40			
4	K	386065.66	156720.87	5.00	203.00	0.00	0.00	0.40			
5	K	386088.10	156676.41	5.00	207.00	0.00	0.00	0.40			
6	K	386100.78	156651.61	5.00	203.00	0.00	0.00	0.40			
7	K	386131.22	156591.79	5.00	203.00	0.00	0.00	0.40			
8	K	386144.40	156560.42	5.00	196.00	0.00	0.00	0.40			
9	K	386143.17	156523.18	5.00	166.00	0.00	0.00	0.40			
10	H	386098.22	156458.21	6.00	7.00	0.00	0.00	0.40			
11	I	386111.37	156488.13	6.00	322.00	0.00	0.00	0.40			
12	I	386002.50	156786.37	6.00	306.00	0.00	0.00	0.40			
13	B	385974.78	156749.91	6.00	131.00	0.00	0.00	0.40			
14	K	386115.72	156622.10	5.00	203.00	0.00	0.00	0.40			
15	A	385949.93	156728.31	8.00	135.00	0.00	0.00	0.90			
16	A	385925.89	156718.89	8.00	325.00	0.00	0.00	0.90			
17	B	385975.15	156726.46	6.00	40.00	0.00	0.00	0.40			
18	B	385945.09	156755.82	6.00	40.00	0.00	0.00	0.40			
19	B	385960.86	156757.35	6.00	221.00	0.00	0.00	0.40			
20	B	385961.61	156735.25	8.00	83.00	0.00	0.00	0.40			
21	B	385933.02	156790.12	6.00	220.00	0.00	0.00	0.40			
22	I	386124.19	156506.49	6.00	330.00	0.00	0.00	0.40			
23	I	385981.93	156769.84	6.00	315.00	0.00	0.00	0.40			
24	K	386077.11	156697.95	5.00	207.00	0.00	0.00	0.40			

Horizontal Illuminance (lux)

Grid 1 - Northern Access Rd (P5)



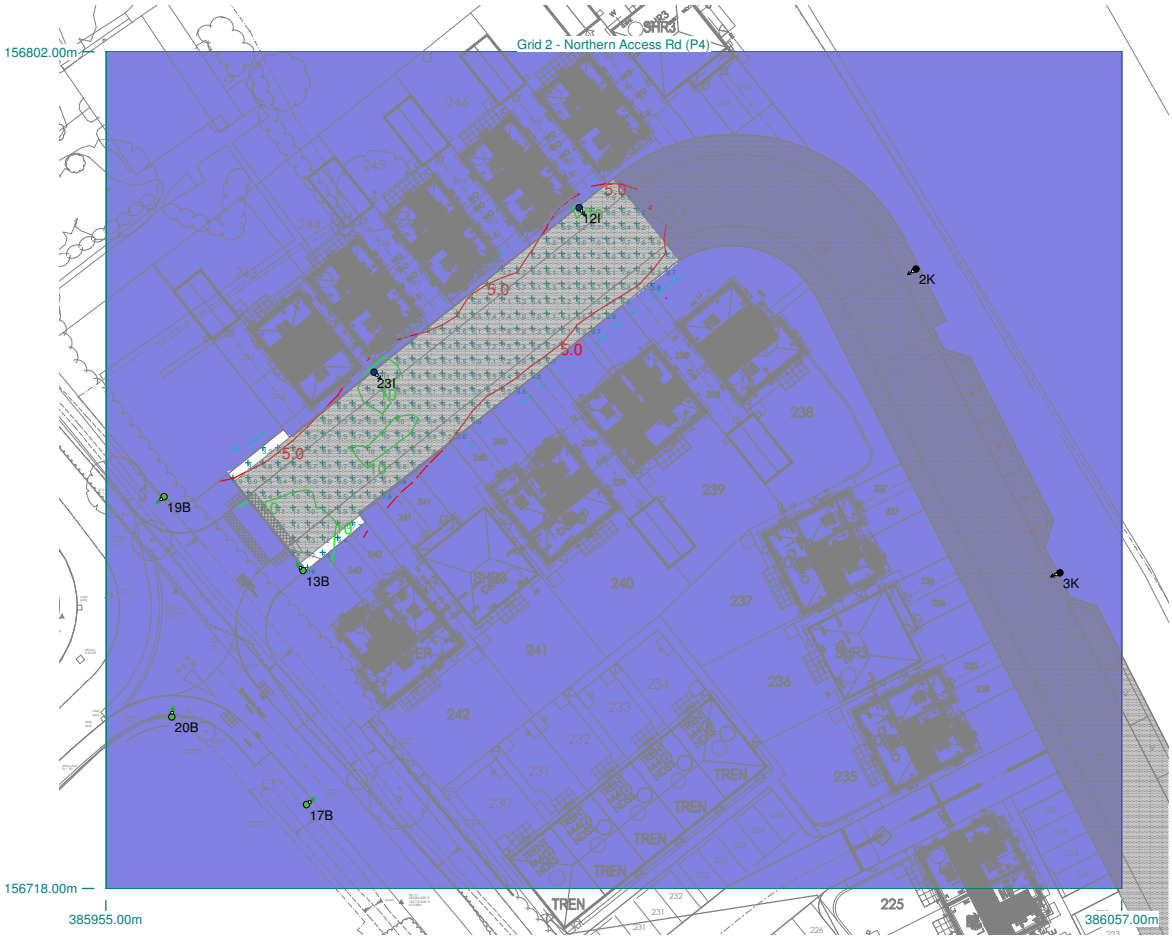
Results

Eav	3.55
Emin	0.68
Emax	9.31
Emin/Emax	0.07
Emin/Eav	0.19

9750766490

Horizontal Illuminance (lux)

Grid 2 - Northern Access Rd (P4)



Results

Eav	7.67
Emin	3.20
Emax	16.59
Emin/Emax	0.19
Emin/Eav	0.42

9750766490

Horizontal Illuminance (lux)

Grid 3 - Northern Access Rd (P4)

Results

Eav	5.84
Emin	1.58
Emax	13.16
Emin/Emax	0.12
Emin/Eav	0.27