

DATE: 12 May 2022

ENERVEO

DESIGNER: Enerveo

PROJECT No: 327284

PROJECT NAME: EVO327284-AC-001-A

Road lit to BS5489-1:2013 lighting class P6 with S/P ratio 1.43.

Botley Road, Moorgreen, Hedge End - Ph 2

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 447772.9m x 114629.6m
Area 117.7m x 78.2m
Sample Spacing 1.49m x 1.47m

Luminaires

Luminaire A Data

Supplier	
Type	BGP702 DM50 BL1
Lamp(s)	LED-HB 5.2S 740
Lamp Flux (klm)	1.00
File Name	Luma Gen2 Micro_BGP702_DM50 BL1 1000_6LED_5.2S_CLO_L90_740.ies
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	897.9, 52.3, 0.0
Lamp S/P Ratio	1.61
No. in Project	5

Luminaire B Data

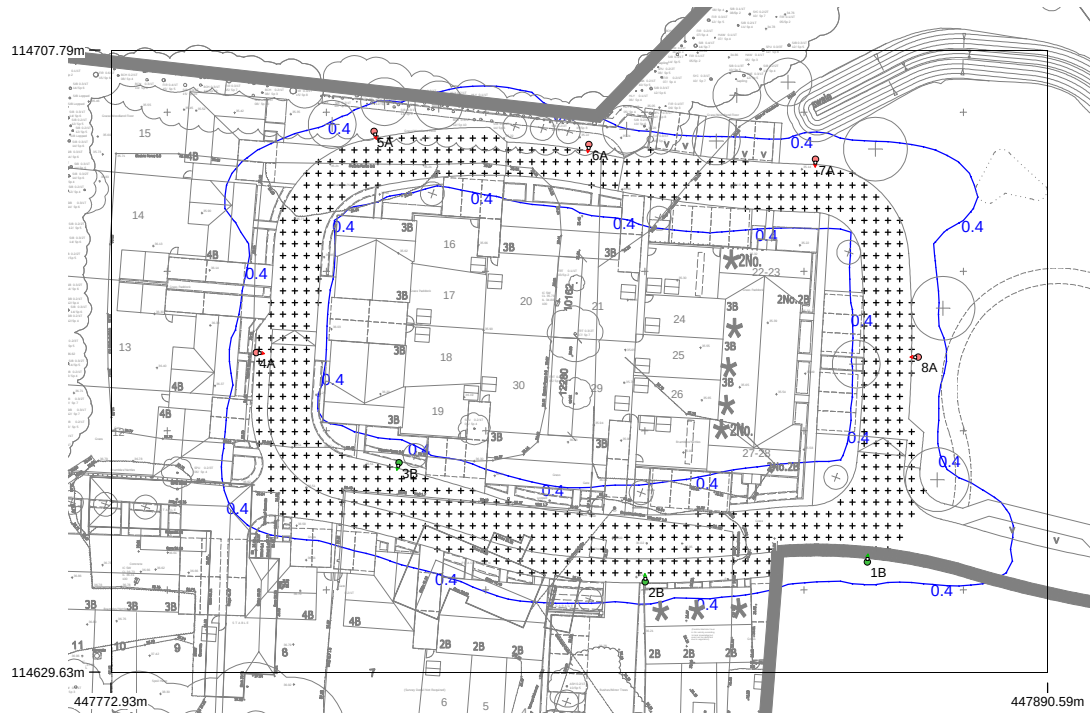
Supplier	
Type	BGP702 DW50 BL1
Lamp(s)	LED-HB 5.2S 740
Lamp Flux (klm)	1.00
File Name	Luma Gen2 Micro_BGP702_DW50 BL1 1000_6LED_5.2S_CLO_L90_740.ies
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	581.9, 40.5, 0.0
Lamp S/P Ratio	1.61
No. in Project	3

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	B	447867.91	114643.50	6.00	86.00	0.00	0.00	0.40			
2	B	447840.03	114641.02	6.00	92.00	0.00	0.00	0.40			
3	B	447809.11	114655.99	6.00	254.00	0.00	0.00	0.40			
4	A	447791.20	114669.81	6.00	354.00	0.00	0.00	0.40			
5	A	447805.98	114697.59	6.00	286.00	0.00	0.00	0.40			
6	A	447832.96	114695.93	6.00	260.00	0.00	0.00	0.40			
7	A	447861.39	114694.10	6.00	268.00	0.00	0.00	0.40			
8	A	447874.32	114669.24	6.00	180.00	0.00	0.00	0.40			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	1.52
Emin	0.77
E _{max}	2.51
Emin/E _{max}	0.31
Emin/Eav	0.50