

DATE: 3 December 2020
DESIGNER: Tom Lynch
PROJECT No: 22050
PROJECT NAME: Vine street, Abbey Hay



22050-D-01
Lighting Class - P4
S/P 1.61

Outdoor Lighting Report

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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin -353.4m x -53618.8m
Area 195.0m x 120.0m
Sample Spacing 1.50m x 1.50m

Luminaires

Luminaire A Data

Supplier	
Type	BGP615_DW50_2800_10LED_5.1S_CLO_L90_NW
Lamp(s)	LED-HB 5.1S NW
Lamp Flux (klm)	2.80
File Name	Luma Micro_BGP615_DW50_2800_10LED_5.1S_CLO_L90_NW.ies
Maintenance Factor	0.76
Imax70,80,90(cd/klm)	616.7, 39.5, 0.0
Lamp S/P Ratio	1.61
No. in Project	4

Luminaire B Data

Supplier	
Type	BGP615_DW50_4000_20LED_5.1S_CLO_L90_NW
Lamp(s)	LED-HB 5.1S NW
Lamp Flux (klm)	4.00
File Name	Luma Micro_BGP615_DW50_4000_20LED_5.1S_CLO_L90_NW.ies
Maintenance Factor	0.76
Imax70,80,90(cd/klm)	616.7, 39.5, 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	A	-193.67	-53559.13	6.00	129.00	0.00	0.00	0.30			
2	A	-217.95	-53578.20	6.00	104.00	0.00	0.00	0.30			
3	A	-255.32	-53591.74	6.00	103.00	0.00	0.00	0.30			
4	A	-287.17	-53581.49	6.00	243.00	0.00	0.00	0.30			
5	B	-187.56	-53528.19	6.00	4.00	0.00	0.00	0.30			
6	B	-175.93	-53546.52	6.00	155.00	0.00	0.00	0.30			
7	B	-182.62	-53570.92	6.00	22.00	0.00	0.00	0.30			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	3.72
Emin	0.84
Emax	8.11
Emin/Emax	0.10
Emin/Eav	0.23