DATE:	**26 October 2017**
DESIGNER:	**Jordan Holmes**
PROJECT No:	**18255**
PROJECT NAME:	**Blythe Business Park**

18255-A-02A

Lighting Class - P3

S/P Ratio - 1.64

Requirements:
Eav_Min = 5.86
Eav_Max = 8.79
Emin = 1.17

Outdoor Lighting Report

PREPARED BY: Prepared by: Jordan Holmes e-mail: jholmes@harttron.com

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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 397841.5m x 338851.5m
Area 180.0m x 120.0m
Sample Spacing 1.50m x 1.50m

Luminaires



Luminaire A Data

Supplier	C U Phosco
Type	P851-12-M-STD-G6-NW-D0250-38W
Lamp(s)	740P NW
Lamp Flux (klm)	3.99
File Name	P851-12-M-STD-G6-NW-D0250-38W.ies
Maintenance Factor	0.82
Imax70,80,90(cd/klm)	253.5, 20.7, 0.0
Lamp S/P Ratio	1.64
No. in Project	6

Layout

No.	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	397992.47	338906.78	7.00	98.00	0.00	0.00	0.30			
2	A	397984.96	338925.60	7.00	40.00	0.00	0.00	0.30			
3	A	397960.51	338913.28	7.00	277.00	0.00	0.00	0.30			
4	A	397929.00	338901.68	7.00	98.00	0.00	0.00	0.30			
5	A	397897.53	338896.18	7.00	99.00	0.00	0.00	0.30			
6	A	397863.08	338889.87	7.00	100.00	0.00	0.00	0.30			

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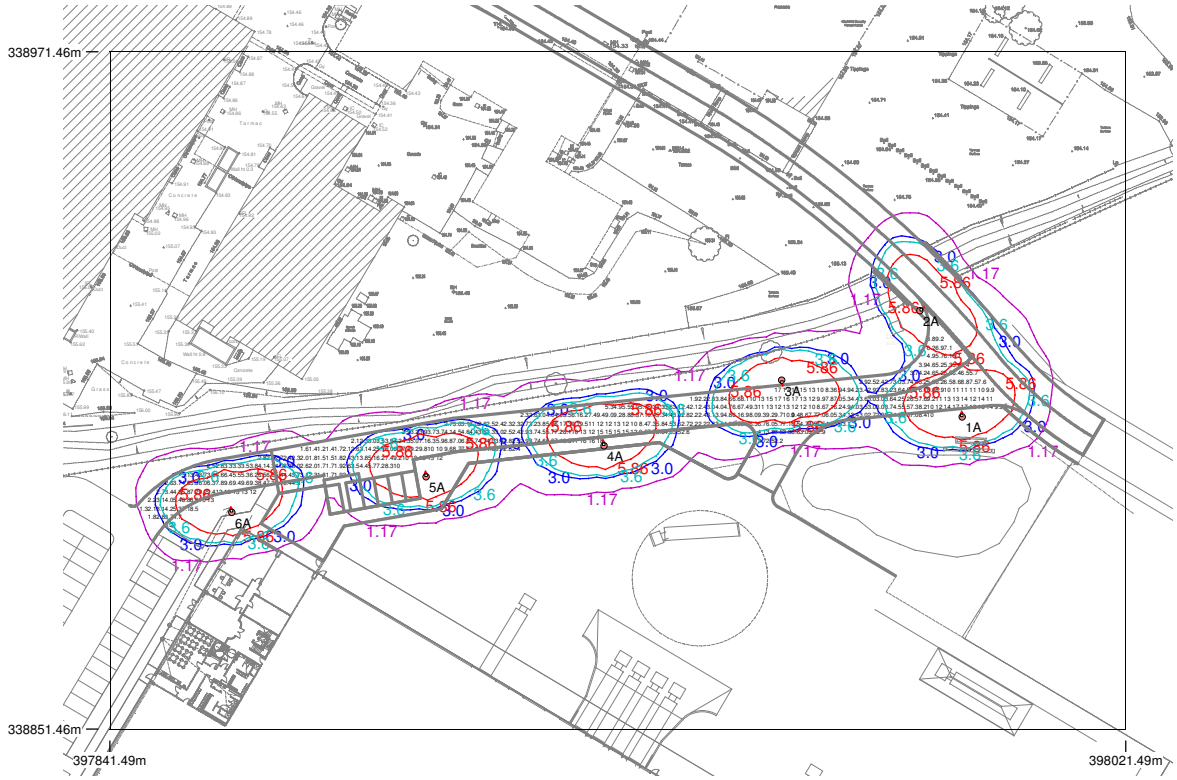
Horizontal Illuminance (lux)

Grid 1



Results

Eav	6.22
Emin	1.25
Emax	18.32
Emin/Emax	0.07
Emin/Eav	0.20

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