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

18255-A-01A

Bridge and Entrance to Plot 1 Junction

Lighting Class - C5

Requirements:
Eav = 7.50
Emin/Eav = 0.40

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
No. in Project	2

Layout

No.	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	397992.47	338907.35	8.00	98.00	0.00	0.00	0.30			
2	A	397984.96	338925.60	8.00	40.00	0.00	0.00	0.30			

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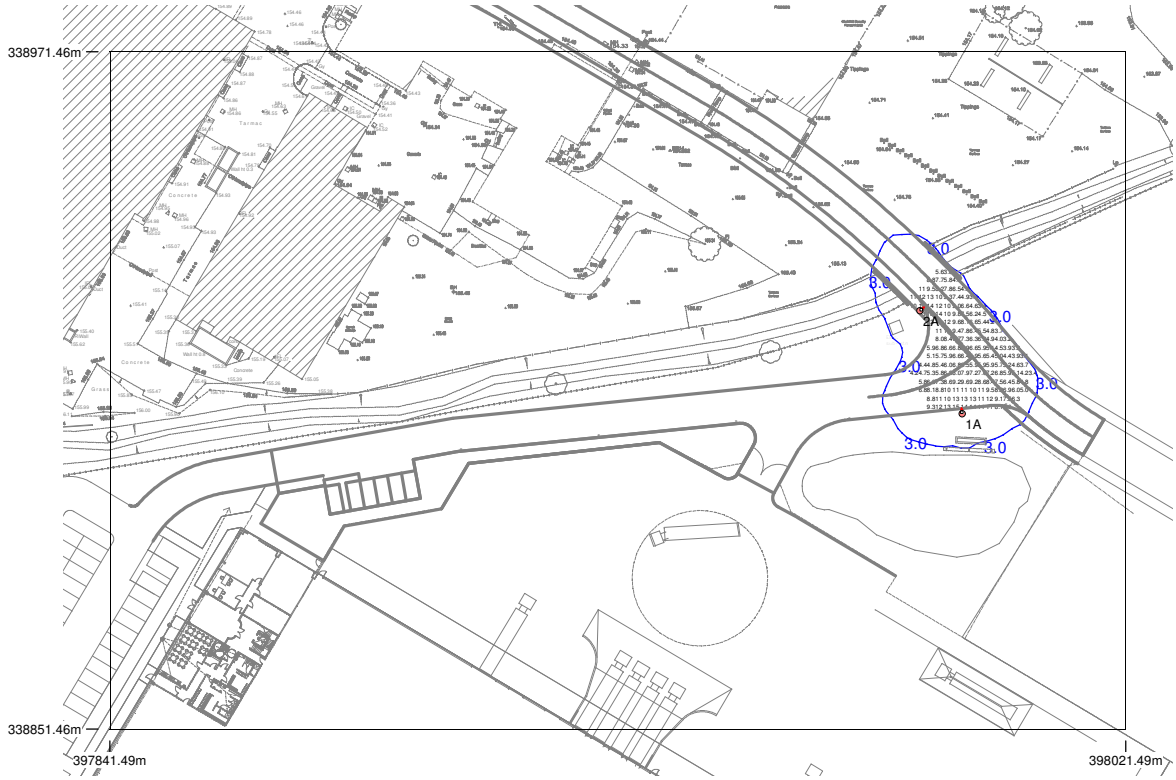
Horizontal Illuminance (lux)

Grid 1



Results

Eav	7.65
Emin	3.10
Emax	14.87
Emin/Emax	0.21
Emin/Eav	0.41

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