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

18255-A-03A

*Lighting Class - Medium Traffic Outdoor Car Park**

Requirements:
Eav = 10.00
Emin/Eav = 0.25

**Refer to BS5489-1:2013 Table 5 'Maintained lighting levels for outdoor car parks'*

Outdoor Lighting Report

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

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Cheshire,
SK12 1ND

website: www.harttron.com tel: 01625 850 855

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 397773.6m x 338817.0m
Area 93.0m 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	1

Luminaire B Data

Supplier	
Type	AL4504
Lamp(s)	N/A - 117.00 W
Lamp Flux (klm)	12.72
File Name	AL4504 - Orion LED.ies
Maintenance Factor	0.82
Imax70,80,90(cd/klm)	309.4, 140.7, 8.7
No. in Project	2

Layout

No.	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	B	397818.67	338855.06	7.00	61.00	0.00	0.00	0.00			
2	B	397837.14	338886.11	7.00	245.00	0.00	0.00	0.00			
3	A	397863.08	338889.87	7.00	100.00	0.00	0.00	0.30			

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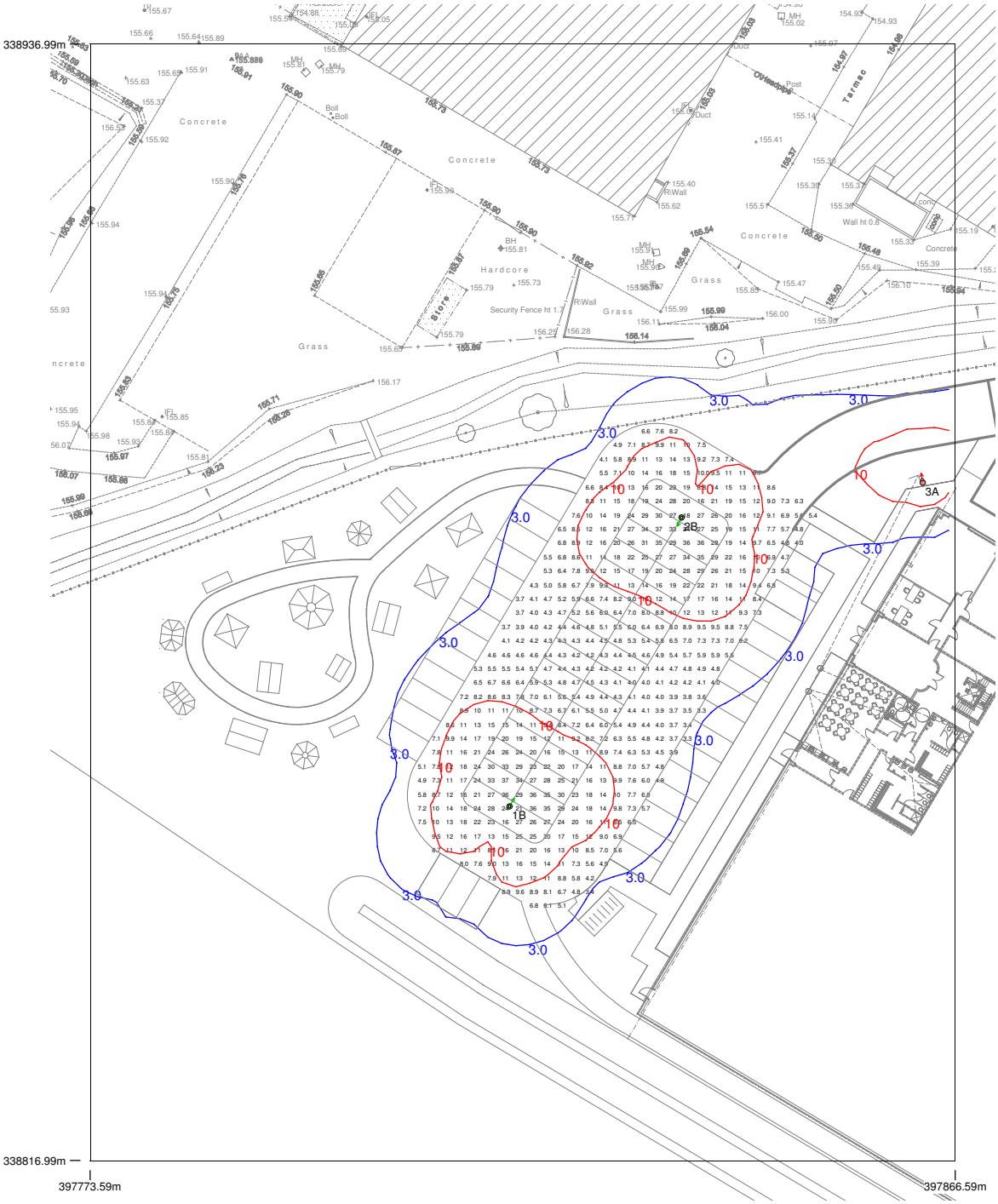
Horizontal Illuminance (lux)

Grid 1



Results

Eav	11.94
Emin	3.30
Emax	37.09
Emin/Emax	0.09
Emin/Eav	0.28

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