DATE:	**11 October 2017**
DESIGNER:	**Jordan Holmes**
PROJECT No:	**18255**
PROJECT NAME:	**Blythe Business Park**

18255-A-05

Lighting Class - Business Parks and Commercial Zones - Road and Pathway*

Requirements:
Eav = 5.00

*Refer to CIBSE Lighting Guide - The Outdoor Environment LG6:1992'

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 397812.5m x 338738.5m
Area 240.0m x 150.0m
Sample Spacing 1.50m x 1.50m

Luminaires

Luminaire C Data

Supplier	
Type	AL22501
Lamp(s)	112 SAMSUNG 561B LEDs
Lamp Flux (klm)	4.44
File Name	AL22501 - Carico.ies
Maintenance Factor	0.82
Imax70,80,90(cd/klm)	143.7, 116.7, 87.1
Lamp S/P Ratio	0.00
No. in Project	8

Layout

No.	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	C	397841.62	338827.14	5.00	241.00	0.00	0.00	0.00			
3	C	397872.13	338809.02	5.00	241.00	0.00	0.00	0.00			
4	C	397902.86	338790.66	5.00	241.00	0.00	0.00	0.00			
5	C	397933.76	338772.22	5.00	241.00	0.00	0.00	0.00			
6	C	397964.79	338753.76	5.00	239.00	0.00	0.00	0.00			
7	C	397981.76	338773.54	5.00	329.00	0.00	0.00	0.00			
8	C	398022.25	338711.43	5.00	240.00	0.00	0.00	0.00			
9	C	397999.56	338803.27	5.00	325.00	0.00	0.00	0.00			

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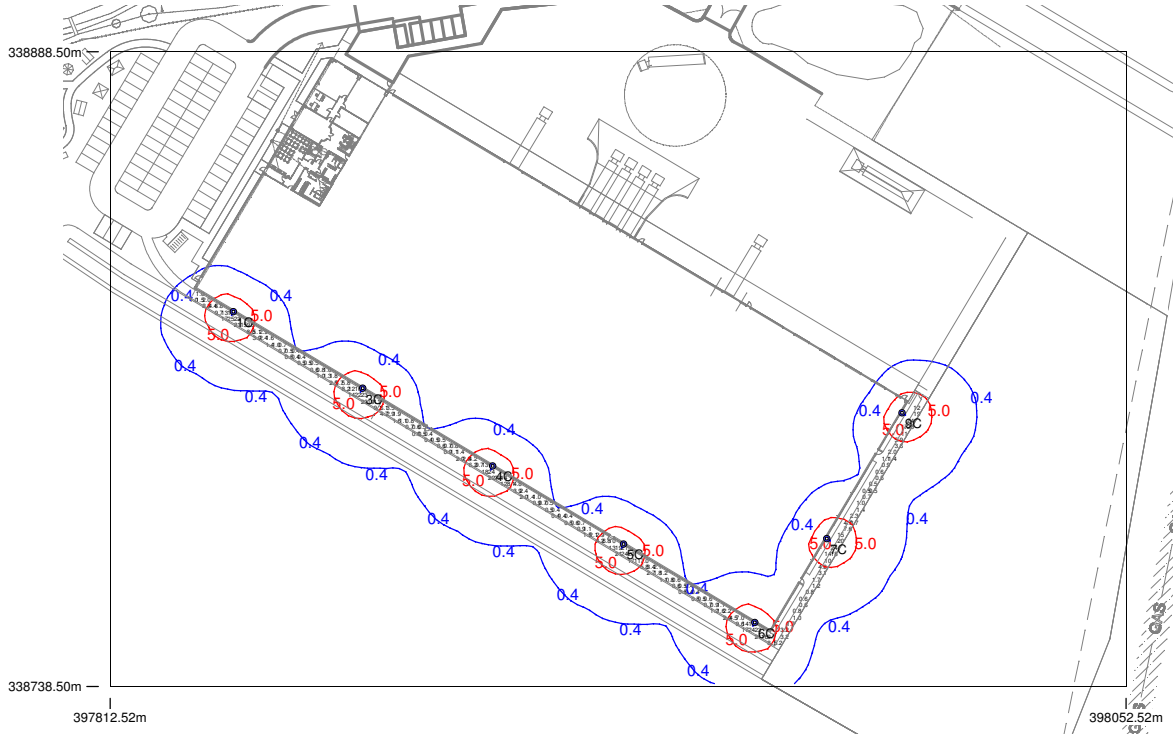
Horizontal Illuminance (lux)

Grid 1



Results

Eav	6.15
Emin	0.41
Emax	24.56
Emin/Emax	0.02
Emin/Eav	0.07

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