

DATE: 25 November 2019
DESIGNER: SS
PROJECT No: 21085
PROJECT NAME: Wrexham Road, Holt



21085-A-01
Lighting Class P5
S/P Ratio 1.5

Outdoor Lighting Report

PREPARED BY: Harttron Ltd
Units 3-3a
Second Avenue
Poynton Industrial estate
Poynton
Cheshire
Sk12 1ND

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Layout Report

General Data

Dimensions in Metres Angles in Degrees

Calculation Grids

ID	Grid Name	X	Y	X' Length	Y' Length	X' Spacing	Y' Spacing
1	Grid 1	340688.24	353389.91	60.00	120.00	1.50	1.50

Luminaires

Luminaire A Data

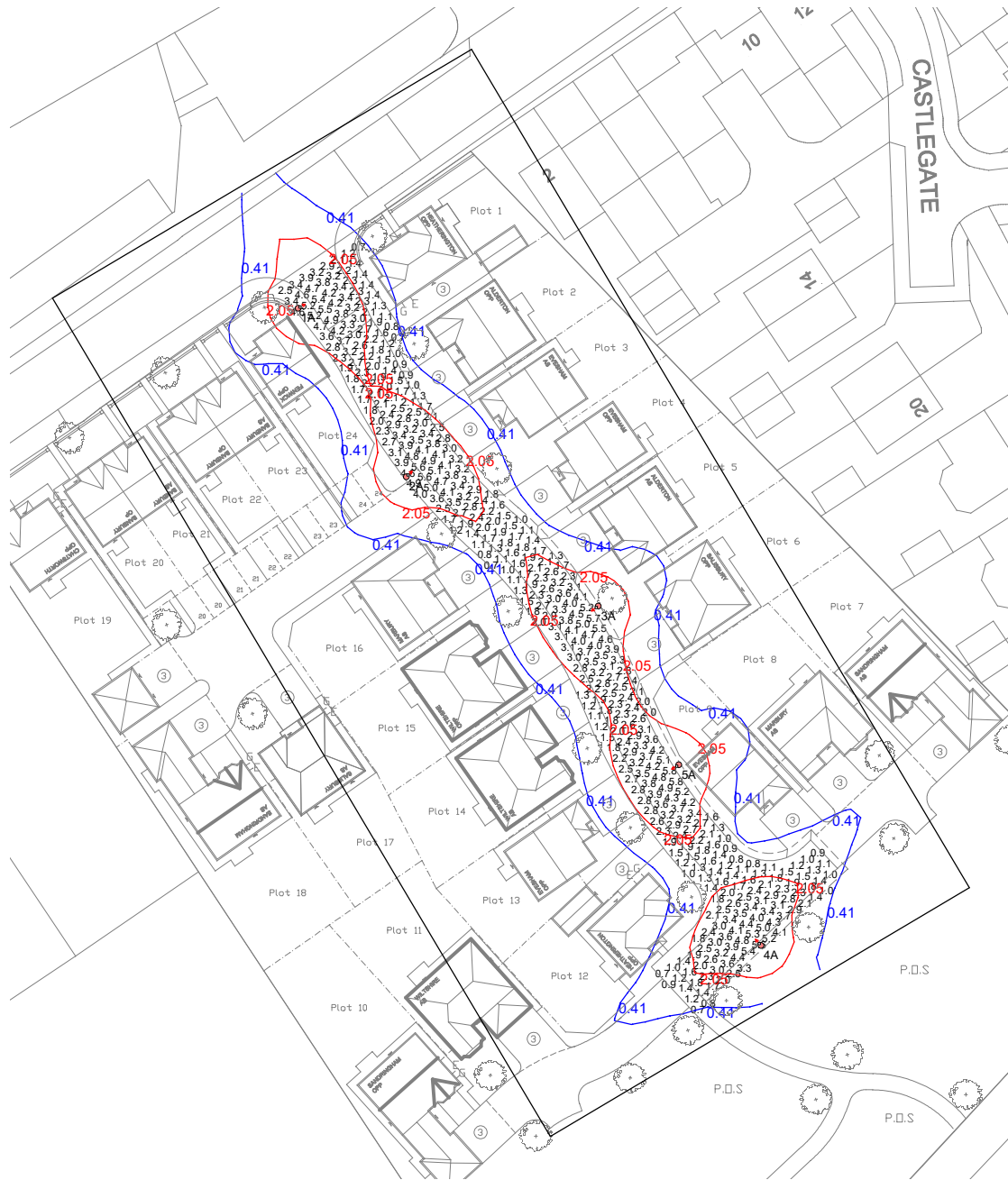
Supplier	
Type	AMPERA MINI 5096 8 OSLO SQUARE GI ANT@350mA WW830 230V
Lamp(s)	8 OSLO SQUARE GIANT@350mA WW8 30 230V
Lamp Flux (klm)	1.19
File Name	AMPERA MINI 5096 8 OSLO SQUARE GI ANT 350mA WW830 10.3W 7x7 II-Medium...
Maintenance Factor	0.82
Imax70,80,90(cd/klm)	658.3, 60.4, 0.0
Lamp S/P Ratio	0.00
No. in Project	5

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out- reach	Target X	Target Y	Target Z
1	A	340657.21	353491.85	6.00	32.00	5.00	0.00	0.30			
2	A	340670.51	353471.12	6.00	43.00	5.00	0.00	0.30			
3	A	340694.14	353455.19	6.00	217.00	5.00	0.00	0.30			
4	A	340714.17	353413.42	6.00	131.00	5.00	0.00	0.30			
5	A	340704.06	353435.65	6.00	211.00	5.00	0.00	0.30			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	2.64
Emin	0.65
Emax	5.82
Emin/Emax	0.11
Emin/Eav	0.25