

DATE: 6 May 2020
DESIGNER: Nick Smith
PROJECT No: 2624
PROJECT NAME: Herons Farm, Dappers Lane, Angmering



Nick Smith Associates
01243 810000

Outdoor Lighting Report

PREPARED BY: Nick Smith Associates Ltd
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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 506982.5m x 105064.6m
Area 296.0m x 254.8m
Sample Spacing 1.49m x 1.50m

Luminares

Luminaire A Data

Supplier	
Type	BGP615 DW50
Lamp(s)	LED-HB 5S/830
Lamp Flux (klm)	1.80
File Name	Luma Micro_BGP615_DW50_1800_12LED_304mA_5S_CLO L90_VWV.ies
Maintenance Factor	0.83
Lum. Int. Class	G3
Lamp S/P Ratio	1.20
No. in Project	7

Luminaire B Data

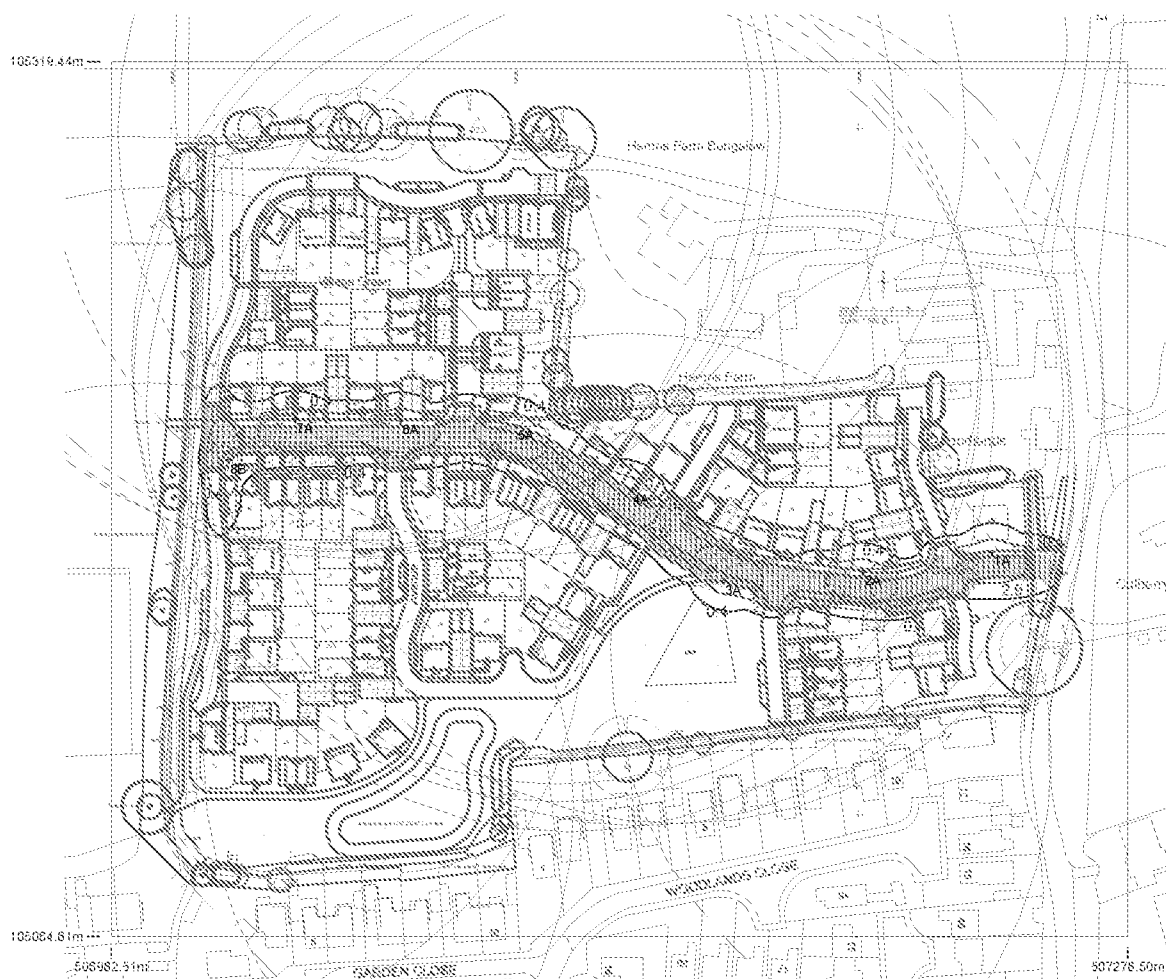
Supplier	
Type	BGP615 DN10
Lamp(s)	LED-HB 5S/830
Lamp Flux (klm)	1.80
File Name	Luma Micro_BGP615_DN10_1800_12LED_304mA_5S_CLO L90_VWV.ies
Maintenance Factor	0.83
Lum. Int. Class	G2
Lamp S/P Ratio	1.20
No. in Project	1

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	507239.03	105176.67	6.00	271.00	0.00	0.00	0.35			
2	A	507201.45	105170.95	6.00	264.00	0.00	0.00	0.35			
3	A	507160.85	105168.15	6.00	66.00	0.00	0.00	0.35			
4	A	507133.94	105194.56	6.00	239.00	0.00	0.00	0.35			
5	A	507100.43	105213.27	6.00	251.00	0.00	0.00	0.35			
6	A	507066.83	105214.84	6.00	268.00	0.00	0.00	0.35			
7	A	507035.97	105215.22	6.00	269.00	0.00	0.00	0.35			
8	B	507016.70	105203.25	6.00	181.00	0.00	0.00	0.35			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	2.26
Emin	0.48
E _{max}	12.71
Emin/E _{max}	0.04
Emin/Eav	0.21