

DATE: 16 March 2021
DESIGNER: Loveday Lighting Limited
PROJECT No: LL1249-001
PROJECT NAME: Saltersford Lane, Alton



Private Lighting Design

6m Columns with post top mounted
TRT Lighting Aspect Eco 2700k WW LED Luminaires

Lighting Class: P5 from BS 5489-1:2020
Eav: 3.00 - 4.50 Lux
Emin: 0.60 Lux

Outdoor Lighting Report

PREPARED BY: Loveday Lighting Limited
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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 407382.0m x 341840.0m
Area 250.0m x 102.0m
Sample Spacing 1.50m x 1.50m

Luminaires



Luminaire A Data

Supplier	TRT Lighting
Type	ASE12 LED 10W GR1 2700K EXP
Lamp(s)	42 0010 0000 100
Lamp Flux (klm)	1.20
File Name	ASE12_LED_10W_GR1_2.7K_EXP.IES
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	607.4, 64.4, 5.7
No. in Project	7



Luminaire B Data

Supplier	TRT Lighting
Type	ASE12 LED 14W GR1 2700K EXP
Lamp(s)	42 0014 0000 100
Lamp Flux (klm)	1.79
File Name	ASE12_LED_14W_GR1_2.7K_EXP.IES
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	605.7, 64.2, 5.7
No. in Project	1

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	407403.74	341870.56	6.00	268.00	0.00	0.00	0.40			
2	A	407432.39	341867.58	6.00	268.00	0.00	0.00	0.40			
3	A	407464.42	341866.95	6.00	116.00	0.00	0.00	0.40			
4	A	407493.38	341882.07	6.00	107.00	0.00	0.00	0.40			
5	A	407521.92	341887.41	6.00	111.00	0.00	0.00	0.40			
6	A	407552.12	341896.52	6.00	93.00	0.00	0.00	0.40			
7	A	407584.91	341895.98	6.00	90.00	0.00	0.00	0.40			
8	B	407610.15	341899.11	6.00	170.00	0.00	0.00	0.40			



Horizontal Illuminance (lux)

Grid 1



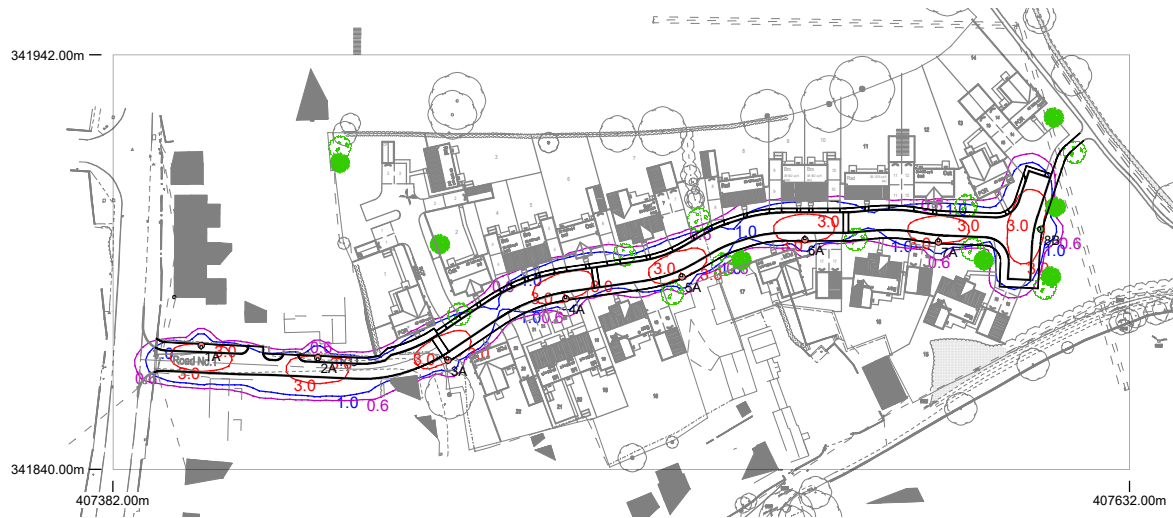
Results

Eav	3.12
Emin	0.67
E _{max}	13.75
Emin/E _{max}	0.05
Emin/Eav	0.21



Horizontal Illuminance (lux)

Grid 1



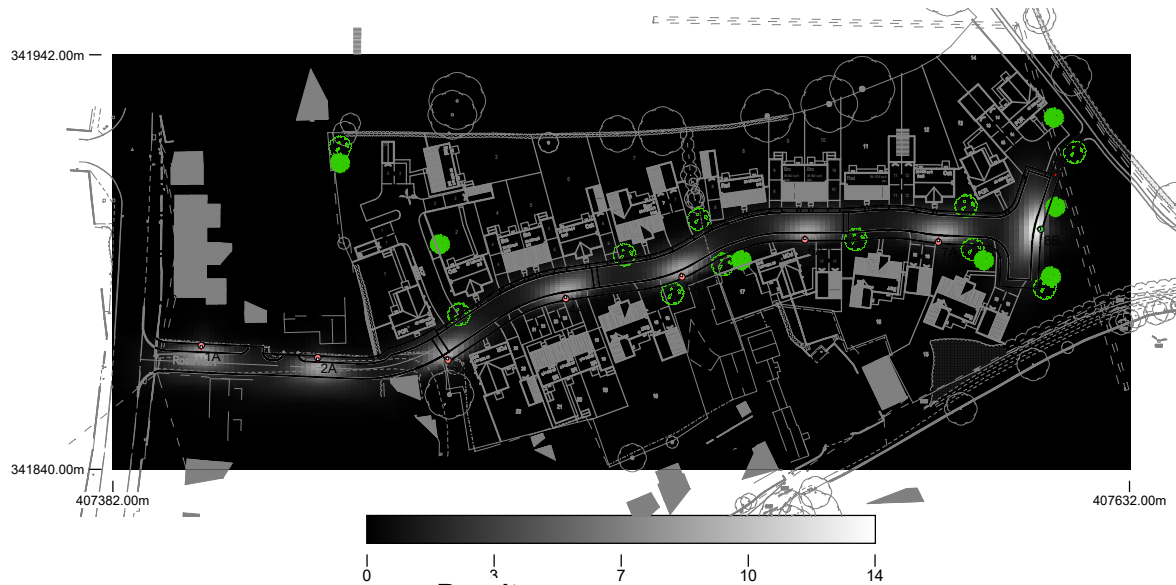
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