

DATE: 23 May 2018
DESIGNER: I. Thompson
PROJECT No: OP0106415 - LD010450
PROJECT NAME: Bakers Lane, Chartham



Outdoor Lighting Report

The design has been prepared in accordance with the HEA-HEMSA Guidance Note - CDM2015 Regulations, Issue 1.1, dated 09/04/15 Procedure 2 for an outline design.

The information in this report does not account for installation considerations, site conditions, or provide any form of risk assessment. Urbis' design service is advisory only and it is the responsibility of the recipient of this information to verify that the design is suitable for the intended application.

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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	2740.00	-135.00	270.00	210.00	1.50	1.50
2	Grid 2	2825.00	-95.00	75.00	60.00	1.50	1.50

Luminaires



Luminaire A Data

Supplier	Urbis
Type	AMPERA MINI 5112 - 16 LEDs 500mA NW Flat, Glass Extra Clear,
Lamp(s)	16 LEDs
Lamp Flux (klm)	2.62
File Name	AMPERA MINI 5112 16 LEDs 500mA NW 3 56392 Flat Glass Extra Clear Smooth - TF....
Maintenance Factor	0.76
Imax70,80,90(cd/klm)	456.8, 262.3, 0.0
No. in Project	6



Luminaire B Data

Supplier	Urbis
Type	PHAROS 5119 Asymmetrical 8 LEDs 350 mA NW Cylindrical, PC, Sm
Lamp(s)	8 LEDs
Lamp Flux (klm)	0.84
File Name	PHAROS 5119 8 LEDs 350mA NW 356012 Cylindrical PC Smooth Asymmetrical TF.Idt
Maintenance Factor	0.76
Imax70,80,90(cd/klm)	428.1, 946.1, 43.4
No. in Project	3

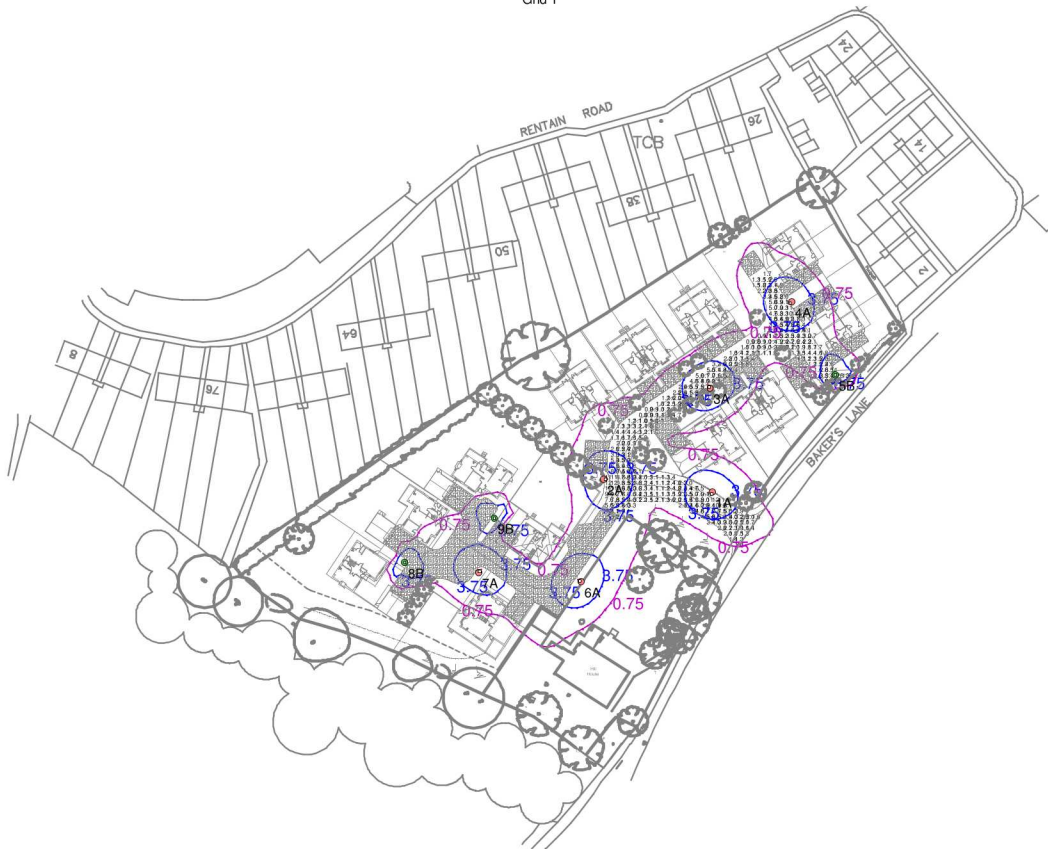
Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	2920.83	-41.79	6.00	239.00	0.00	0.00	0.45			
2	A	2891.98	-38.39	6.00	7.00	0.00	0.00	0.45			
3	A	2920.16	-14.13	6.00	124.00	0.00	0.00	0.45			
4	A	2941.85	8.76	6.00	213.00	0.00	0.00	0.45			
5	B	2953.57	-10.65	1.00	106.00	0.00	0.00	0.00			
6	A	2885.94	-65.58	6.00	148.00	0.00	0.00	0.45			
7	A	2858.73	-63.10	6.00	56.00	0.00	0.00	0.45			
8	B	2839.10	-60.44	1.00	325.00	0.00	0.00	0.00			
9	B	2862.92	-48.66	1.00	146.00	0.00	0.00	0.00			

Horizontal Illuminance (lux)

Grid 1

Grid 1



Results

Eav	3.97
Emin	0.85
E _{max}	25.96
Emin/E _{max}	0.03
Emin/Eav	0.21

Horizontal Illuminance (lux)

Grid 2



Results

Eav	3.89
Emin	1.06
Emax	26.22
Emin/Emax	0.04
Emin/Eav	0.27