

DATE: 25 October 2023
DESIGNER: Brian Smith
PROJECT No: ASD-SL-WT-2023-24-010 LR R1
PROJECT NAME: Sulby Street Moston



BS5489-1:2020
Lighting Class P4
Eav = 5.00 to 7.50
Emin MIN - 1.00

Outdoor Lighting Report

PREPARED BY: ASD Lighting PLC
Mangham Road
Barbot Hall Industrial Estate
Rotherham
S61 4RJ
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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	-25.58	-23.10	60.00	60.00	1.50	1.50
2	Grid 2	-14.00	5.69	15.00	21.00	1.50	1.50

Luminaires

Luminaire A Data

Supplier	
Type	HWD2-#4K08 500-M2-CLO Gen7
Lamp(s)	LED
LampFlux(klm)/Colour	1.37 4000/72
File Name	HWD2-#4K08 500-M2-CLO (13W).ldt
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	1008.0, 275.2, 0.6
No. in Project	4

Luminaire B Data

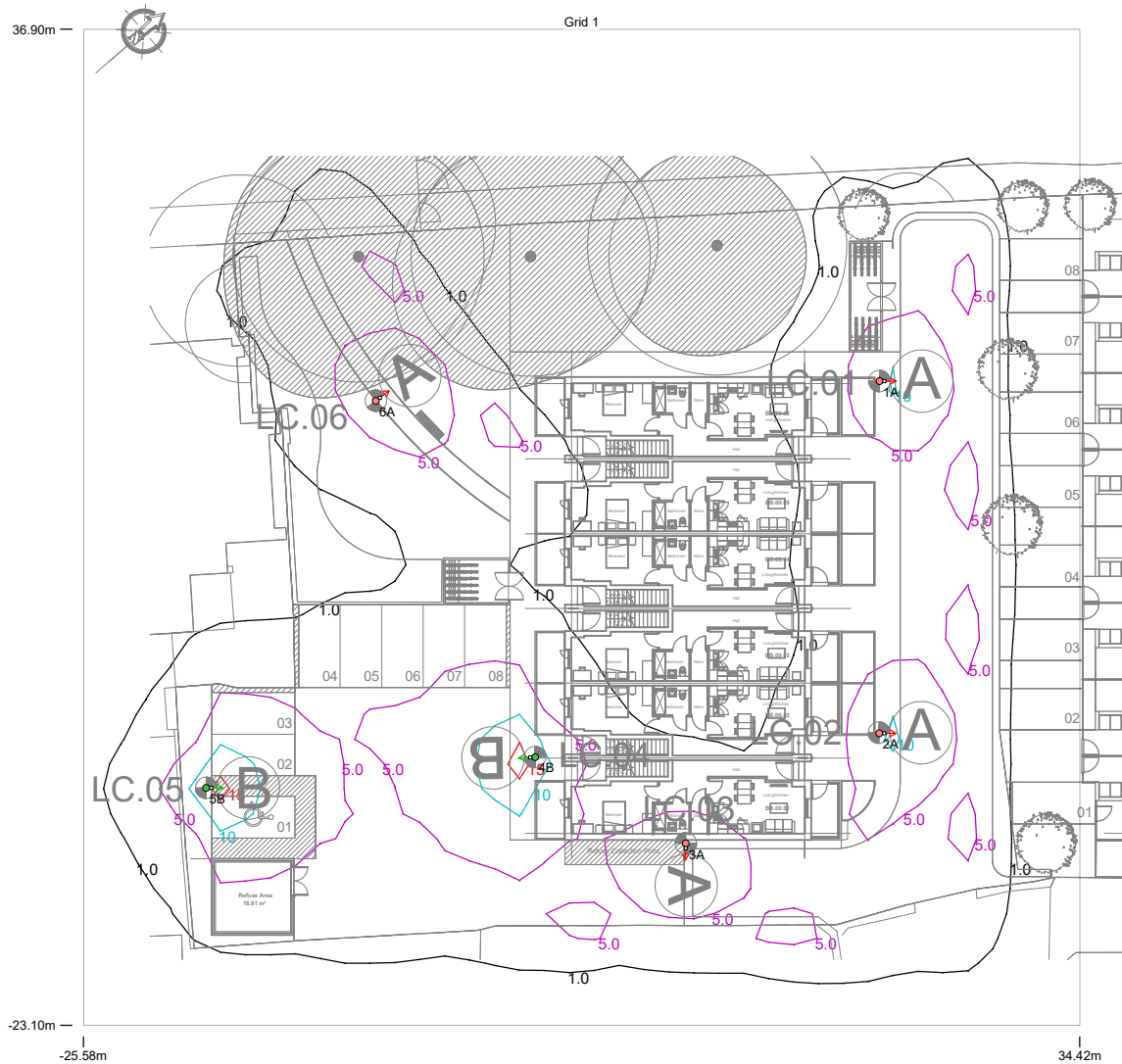
Supplier	
Type	HWD2-#4K08 500-F0-CLO Gen7
Lamp(s)	LED
LampFlux(klm)/Colour	1.58 4000/72
File Name	HWD2-#4K08 500-F0-CLO (13W).ldt
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	849.3, 64.8, 0.8
No. in Project	2

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	22.34	15.71	4.00	0.00	0.00	0.00	0.30			
2	A	22.34	-5.50	4.00	0.00	0.00	0.00	0.30			
3	A	10.69	-12.12	4.00	269.00	0.00	0.00	0.30			
4	B	1.61	-6.93	4.00	183.00	0.00	0.00	0.30			
5	B	-18.19	-8.78	4.00	0.00	0.00	0.00	0.30			
6	A	-7.98	14.53	4.00	37.00	0.00	0.00	0.30			

Horizontal Illuminance (lux)

Grid 1

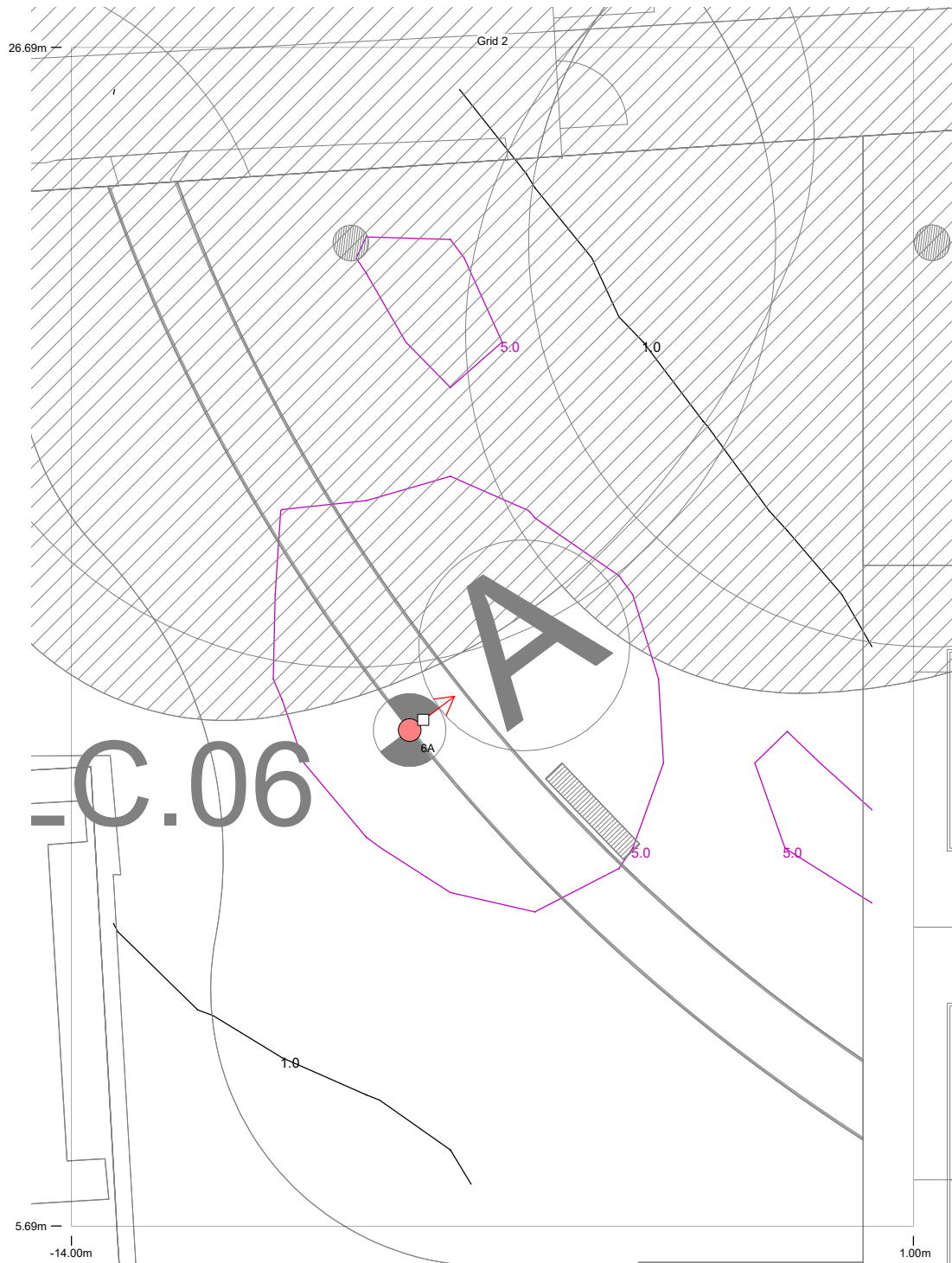


Results

Eav	5.04
Emin	1.48
Emax	12.28
Emin/Emax	0.12
Emin/Eav	0.29

Horizontal Illuminance (lux)

Grid 2



Results

Eav	5.02
Emin	1.88
Emax	9.82
Emin/Emax	0.19
Emin/Eav	0.38