

DATE: 12 November 2025
DESIGNER: JL
PROJECT No: 26330
PROJECT NAME: South Heywood



26330-A-01A

Lighting Classification: P4

Outdoor Lighting Report

PREPARED BY: HDSLighting Ltd
First Avenue
Poynton Industrial estate
Poynton
Cheshire
SK12 1YP

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	385143.70	409276.94	30.00	51.00	1.50	1.50
2	Grid 2	385160.22	409366.97	57.00	30.00	1.50	1.50
3	Grid 3	385344.90	409101.93	57.00	27.00	1.50	1.50
4	Grid 4	385216.87	409239.91	75.00	39.00	1.50	1.50
5	Grid 5	384941.66	409219.45	54.00	54.00	1.50	1.50

Luminaires

Luminaire A Data

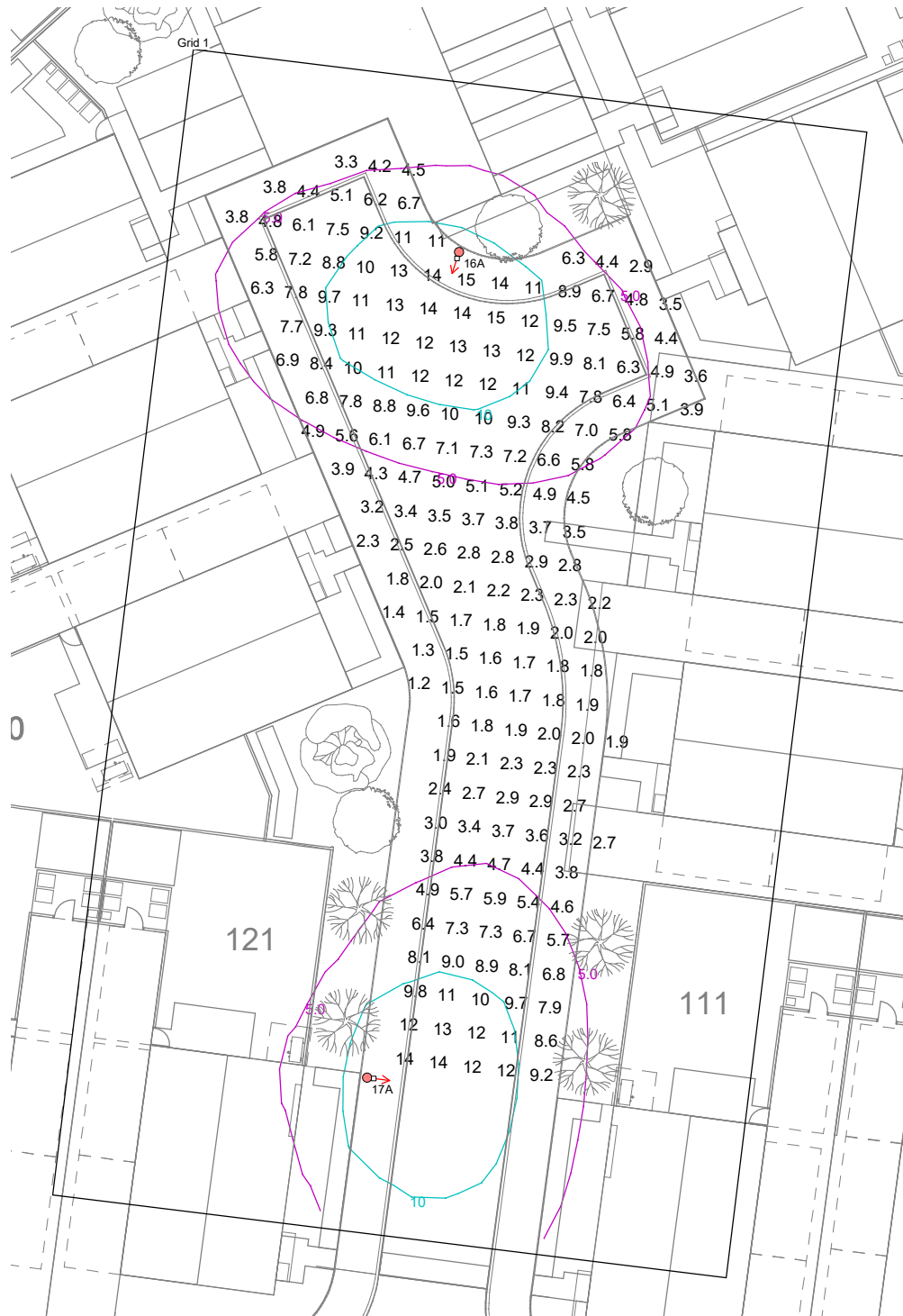
Supplier	
Type	VMXII.1.LA043.V1.F4Q1.W033.D1433
Lamp(s)	LED C.4000 Lumens
Lamp Flux (klm)	4.40
File Name	VMXII.1.LA043.V1.F4Q1.W033.D1433.IES
Maintenance Factor	0.81
Imax70,80,90(cd/klm)	466.3, 69.9, 0.0
No. in Project	13

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
16	A	385161.67	409318.61	6.00	252.00	5.00	0.00	0.30			
17	A	385157.60	409282.12	6.00	353.00	5.00	0.00	0.30			
3	A	385197.70	409393.16	6.00	159.00	5.00	0.00	0.30			
19	A	385212.19	409262.42	6.00	114.00	5.00	0.00	0.30			
20	A	385247.18	409254.02	6.00	22.00	5.00	0.00	0.30			
21	A	385241.82	409285.02	6.00	289.00	5.00	0.00	0.30			
27	A	384961.43	409227.11	6.00	306.00	5.00	0.00	0.30			
28	A	384989.06	409208.69	6.00	249.00	5.00	0.00	0.30			
29	A	384982.44	409255.44	6.00	314.00	5.00	0.00	0.30			
42	A	385385.94	409082.65	6.00	86.00	5.00	0.00	0.30			
43	A	385361.81	409111.16	6.00	231.00	5.00	0.00	0.30			
33	A	385160.51	409387.15	6.00	312.00	5.00	0.00	0.30			
34	A	385270.09	409296.62	6.00	291.00	5.00	0.00	0.30			

Horizontal Illuminance (lux)

Grid 1

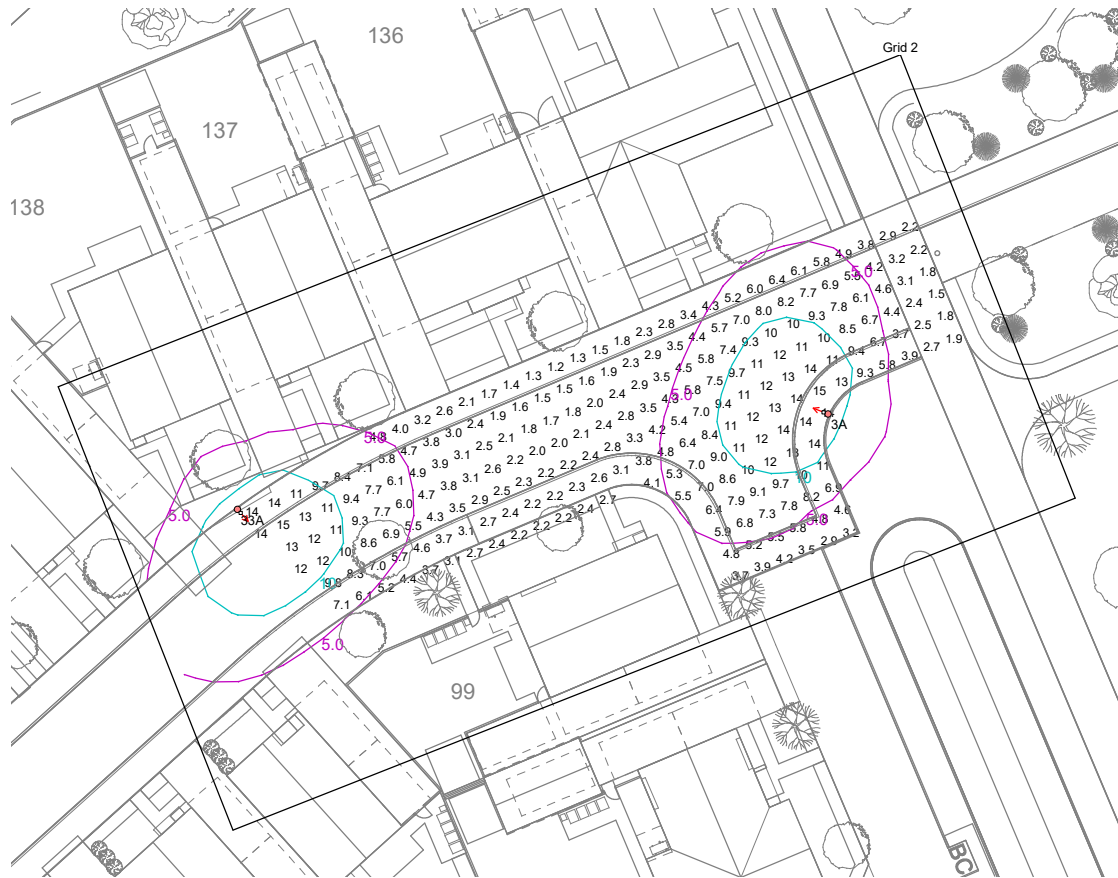


Results

Eav	6.22
Emin	1.25
Emax	14.91
Emin/Emax	0.08
Emin/Eav	0.20

Horizontal Illuminance (lux)

Grid 2



Results

Eav	5.93
Emin	1.20
Emax	14.68
Emin/Emax	0.08
Emin/Eav	0.20

Horizontal Illuminance (lux)

Grid 3



Results

Eav	6.59
Emin	1.31
Emax	14.71
Emin/Emax	0.09
Emin/Eav	0.20

Horizontal Illuminance (lux)

Grid 4



Results

Eav	5.82
Emin	1.55
Emax	14.98
Emin/Emax	0.10
Emin/Eav	0.27

Horizontal Illuminance (lux)

Grid 5



Results

Eav	6.01
Emin	1.26
Emax	14.55
Emin/Emax	0.09
Emin/Eav	0.21