DATE:	**13 October 2025**
DESIGNER:	**M.Makda**
PROJECT No:	**AC-MSL-6533**
PROJECT NAME:	**White Moss Road**

Grid 1 - P2(BS5489:2020)
Grid 2 - P4(BS5489:2020)
Grid 3 - P4(BS5489:2020)

Outdoor Lighting Report

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	386363.10	403434.13	130.13	28.89	1.50	1.44
2	Grid 2	386410.38	403387.63	73.21	87.85	1.49	1.49
3	Grid 3	386448.21	403328.78	44.72	79.62	1.49	1.47

Luminaires

Luminaire A Data

Supplier	
Type	MiniLuma R5
Lamp(s)	12-30 DS-NW 1 CW LED
LampFlux(klm)/Colour	10.00 CW/70
File Name	Mini Luma 1B R5 DS-CW 1 10000 CW LED 100%.ldt
Maintenance Factor	0.83
Lum. Int. Class	G4
No. in Project	4

Luminaire D Data

Supplier	
Type	BGP615 DW50
Lamp(s)	LED-HB 4S/740
Lamp Flux (klm)	6.20
File Name	Luma Micro DW50 6.2klm @ 100% (6200 lm).ies
Maintenance Factor	0.76
Lum. Int. Class	G3
No. in Project	7

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Dimmed to	Target X	Target Y	Target Z
1	A	386360.80	403457.95	8.00	282.00	0.00	0.00	0.50	100%			
2	A	386392.22	403455.67	8.00	113.00	0.00	0.00	0.50	100%			
3	A	386429.12	403477.65	8.00	129.00	0.00	0.00	0.50	100%			
4	A	386444.22	403504.90	8.00	309.00	0.00	0.00	0.50	100%			
5	D	386468.48	403315.45	6.00	138.00	0.00	0.00	0.50	75%			
6	D	386488.17	403345.34	6.00	149.00	0.00	0.00	0.50	75%			
7	D	386505.36	403365.58	6.00	67.00	0.00	0.00	0.50	75%			
8	D	386482.16	403380.65	6.00	322.00	0.00	0.00	0.50	75%			
9	D	386431.31	403456.84	6.00	212.00	0.00	0.00	0.50	70%			
10	D	386450.92	403429.40	6.00	212.00	0.00	0.00	0.50	70%			
11	D	386470.83	403405.04	6.00	149.00	0.00	0.00	0.50	70%			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	10.58
Emin	3.66
Emax	24.30
Emin/Emax	0.15
Emin/Eav	0.35

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Horizontal Illuminance (lux)

Grid 2



Results

Eav	5.35
Emin	1.32
Emax	9.62
Emin/Emax	0.14
Emin/Eav	0.25

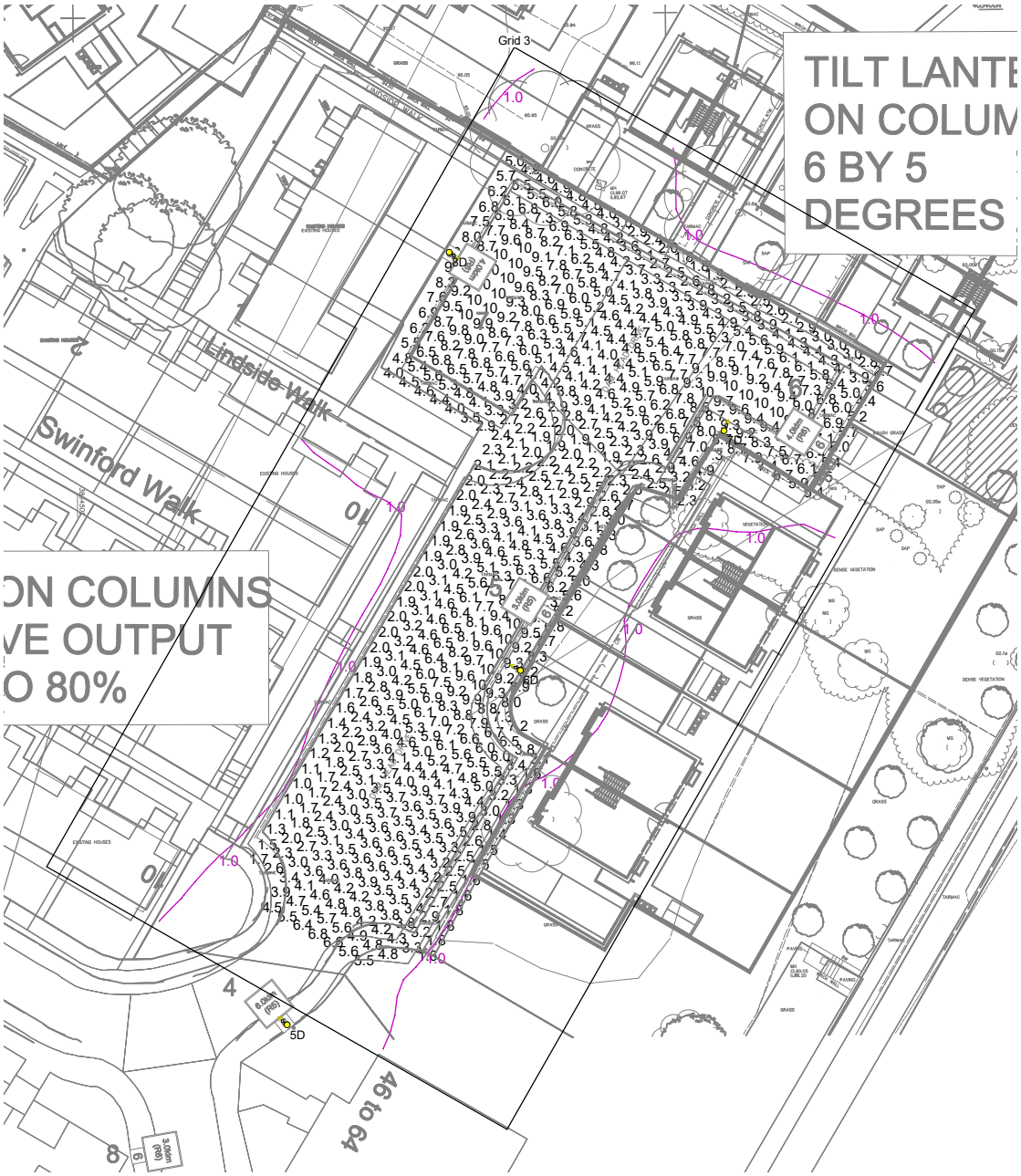
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Horizontal Illuminance (lux)

Grid 3



Results

Eav	5.00
Emin	1.01
Emax	10.47
Emin/Emax	0.10
Emin/Eav	0.20

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