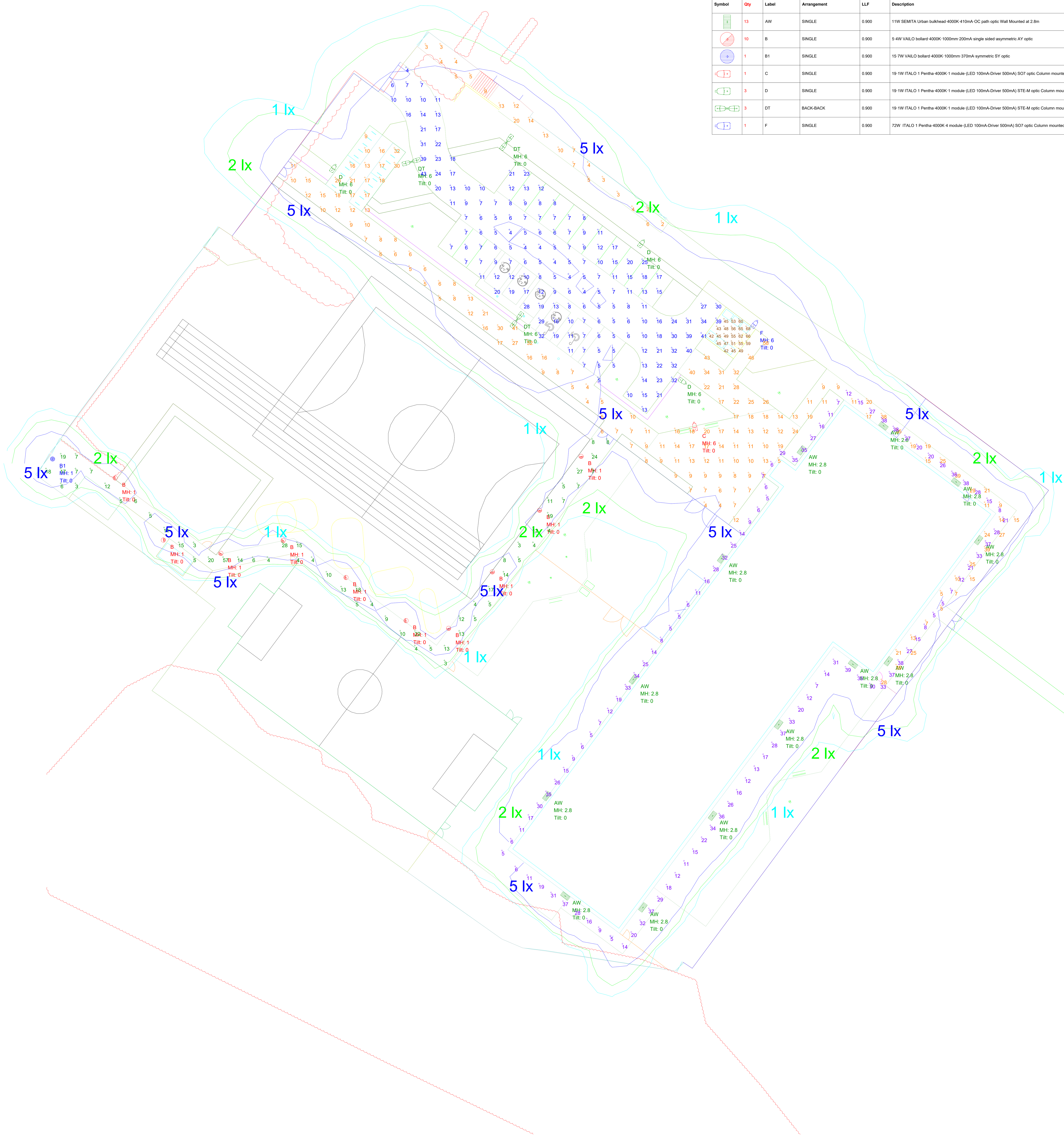
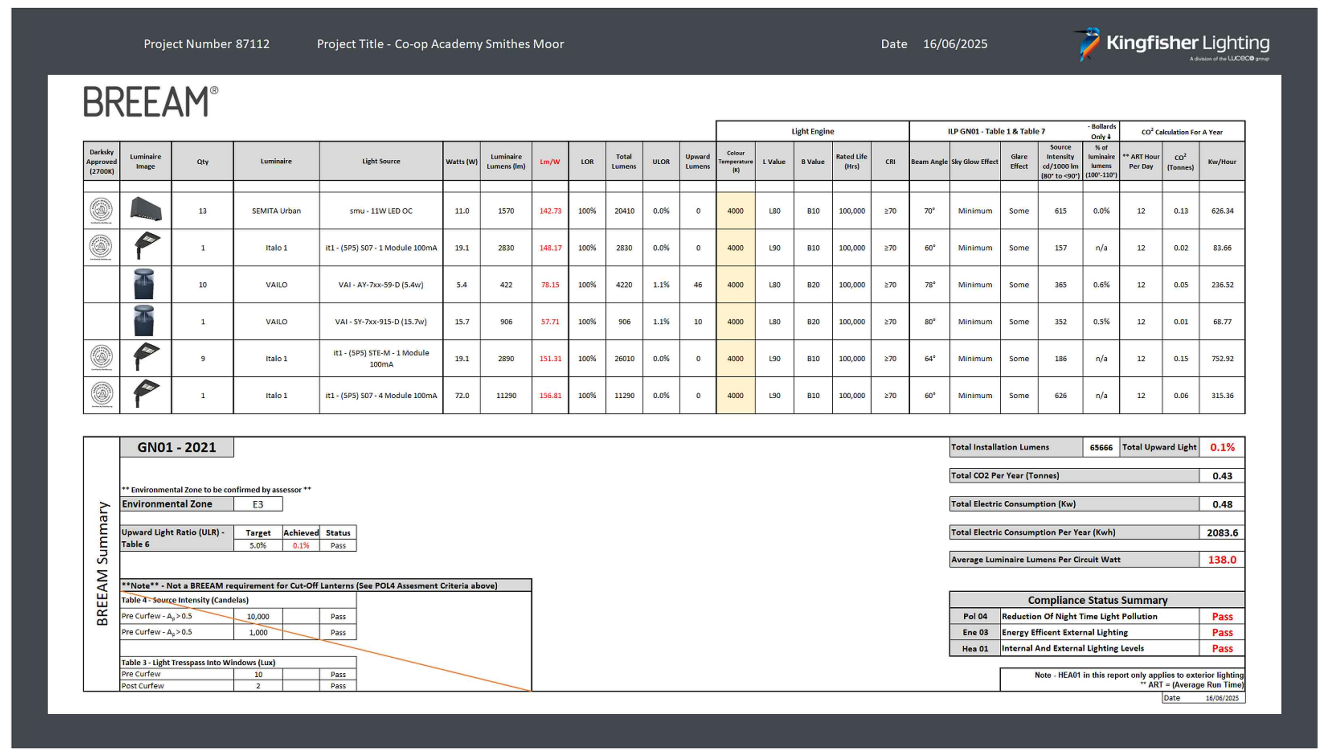
Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Uniformity (Min/Avg)	Diversity (Min/Max)	Meter Type	Description
Bin store	Illuminance	Lux	52.27	68	42	0.80	0.62	Horizontal	
Carpark	Illuminance	Lux	13.01	43	4	0.31	0.09	Horizontal	
Pathway	Illuminance	Lux	15.43	58	4	0.26	0.07	Horizontal	
Pathway-2	Illuminance	Lux	10.72	57	3	0.28	0.05	Horizontal	
Pathway_1	Illuminance	Lux	6.87	20	2	0.29	0.10	Horizontal	
Periemeter	Illuminance	Lux	20.05	39	5	0.25	0.13	Horizontal	

Luminaire Schedule

Symbol	Qty	Label	Arrangement	LLF	Description	Luminaire L/W	UWLR	TM65 & TM66 Information
	13	AW	SINGLE	0.900	11W SEMITA Urban bulkhead·4000K·410mA·OC path optic Wall Mounted at 2.8m	145	0.00	
	10	B	SINGLE	0.900	5·4W VAILO bollard·4000K·1000mm·200mA·single sided·asymmetric AY optic	77	0.01	
	1	B1	SINGLE	0.900	15·7W VAILO bollard·4000K·1000mm·370mA·symmetric SY optic	58	0.01	
	1	C	SINGLE	0.900	19·1W ITALO 1 Pentha·4000K·1 module·(LED 100mA-Driver 500mA) SO7 optic Column mounted at 6m	148	0.00	TM65 Embodied Carbon = 210kg CO²e - TM66 Circular Economy Score = -- (2.5-4.0 Excellent Circularity)
	3	D	SINGLE	0.900	19·1W ITALO 1 Pentha·4000K·1 module·(LED 100mA-Driver 500mA) STE-M optic Column mounted at 6m	151	0.00	TM65 Embodied Carbon = 210kg CO²e - TM66 Circular Economy Score = -- (2.5-4.0 Excellent Circularity)
	3	DT	BACK-BACK	0.900	19·1W ITALO 1 Pentha·4000K·1 module·(LED 100mA-Driver 500mA) STE-M optic Column mounted at 6m	151	0.00	TM65 Embodied Carbon = 210kg CO²e - TM66 Circular Economy Score = -- (2.5-4.0 Excellent Circularity)
	1	F	SINGLE	0.900	72W ITALO 1 Pentha·4000K·4 module·(LED 100mA-Driver 500mA) SO7 optic Column mounted at 6m	157	0.00	TM65 Embodied Carbon = 210kg CO²e - TM66 Circular Economy Score = -- (2.5-4.0 Excellent Circularity)





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Notes

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REV	DATE	DESCRIPTION
P01	JUNE 2025	ISSUED FOR PLANNING

CLIENT

Department for Education

CONTRACTOR

BOWMER + KIRKLAND

CONSULTANT

rps MAKING COMPLEX EASY

PROJECT

CO OP ACADEMY SMITHIES MOOR

DRAWING TITLE

EXTERNAL LIGHTING LAYOUT

DRAWING PURPOSE

FOR PLANNING

DRAWN BY	DATE	CHK'D BY	SCALE	MEDIA
SK	JUNE 2025	IT	1:100	A1

CONTRACT DRAWING REFERENCE (AS REQUIRED)

PROJECT - ORIGINATOR - ZONE - LEVEL - TYPE - ROLE - NUMBER	REVISION
SRP1128-RPS-ZZ-ZZ-D-E-6322	P01