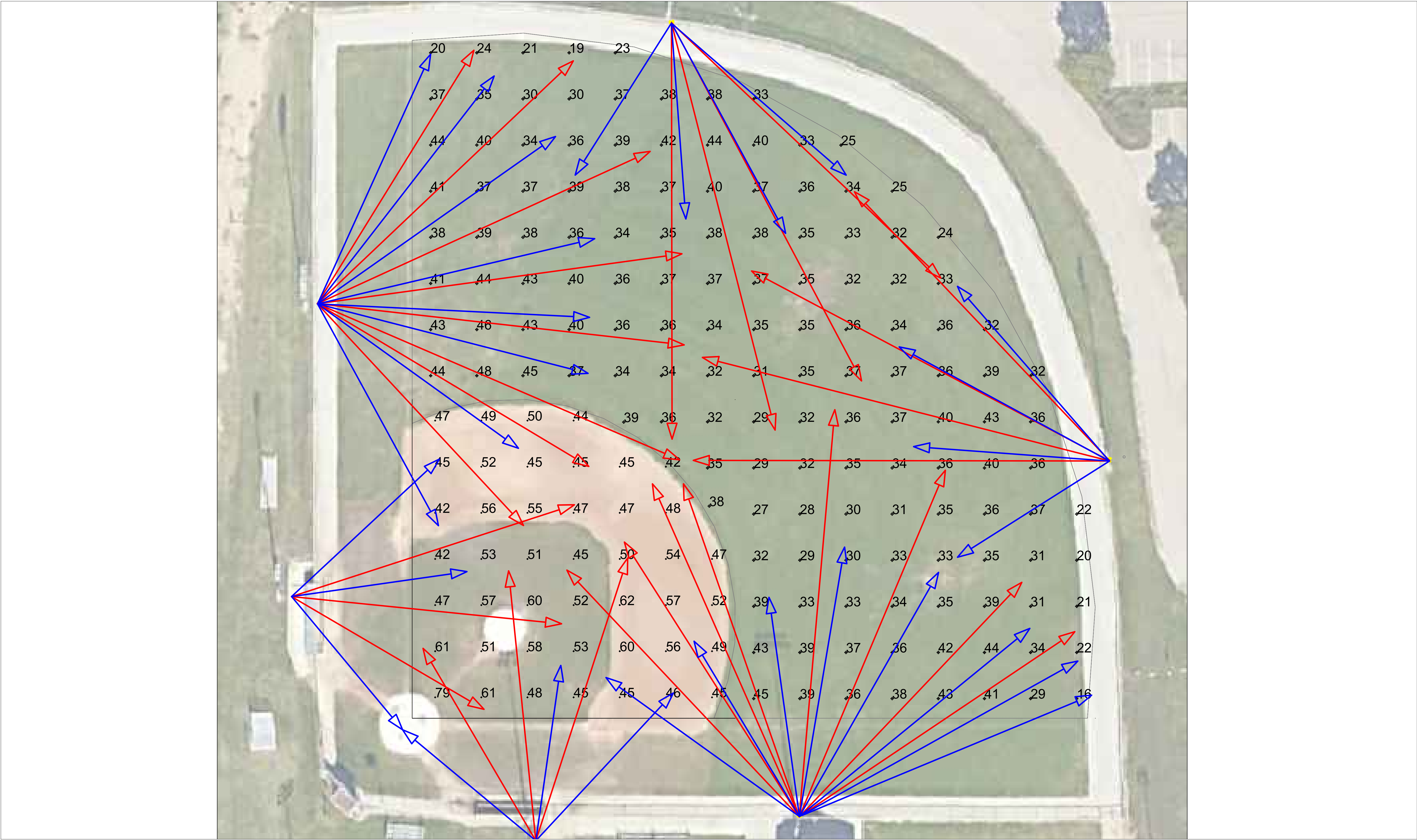




IES Class III – Baseball Field - Lighting Levels				
Page No.	Project Name	Checked By:		Date:
1	IES Class III – Baseball Field	Drawn By:		2-May-25
		Scale:	N.T.S.	



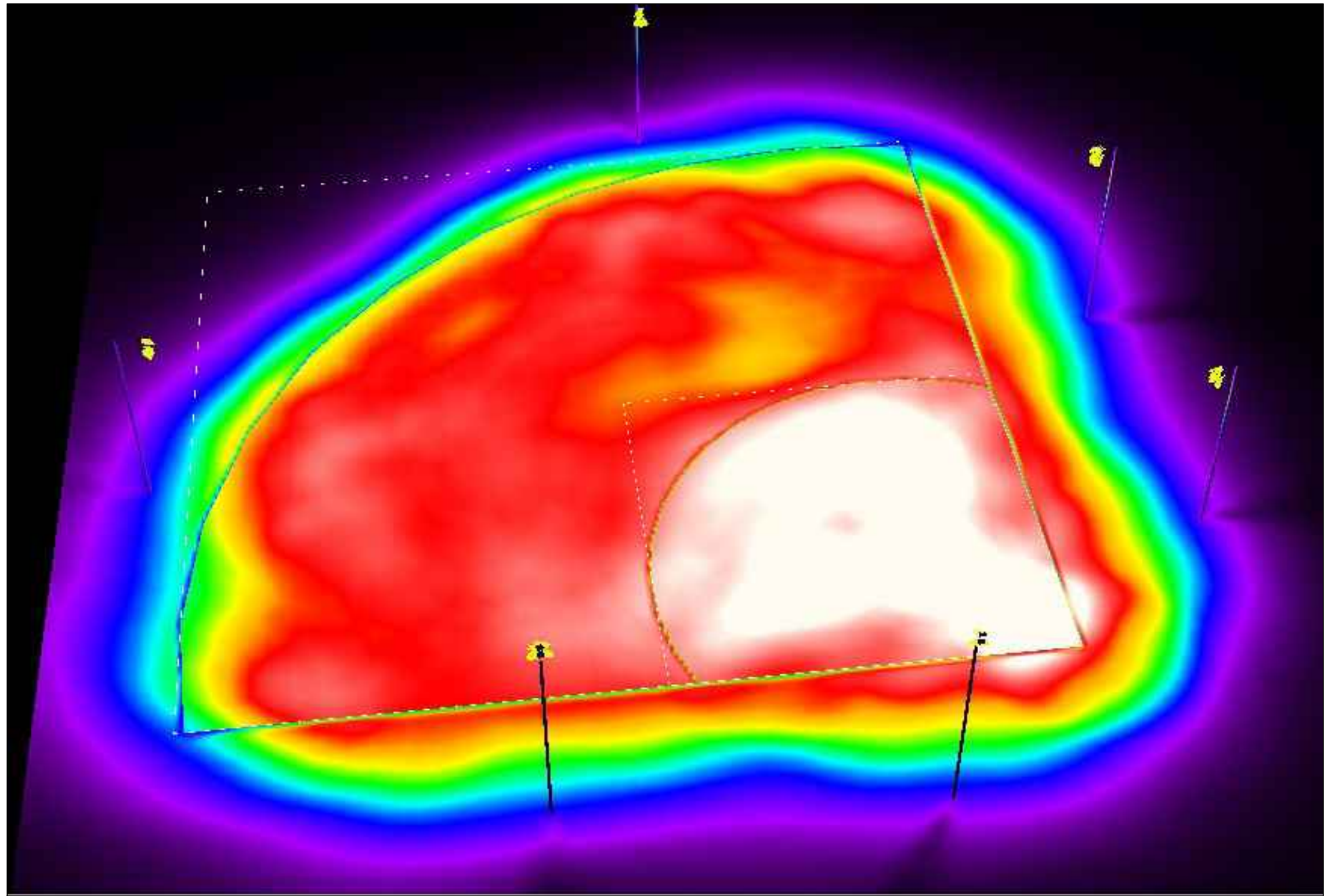
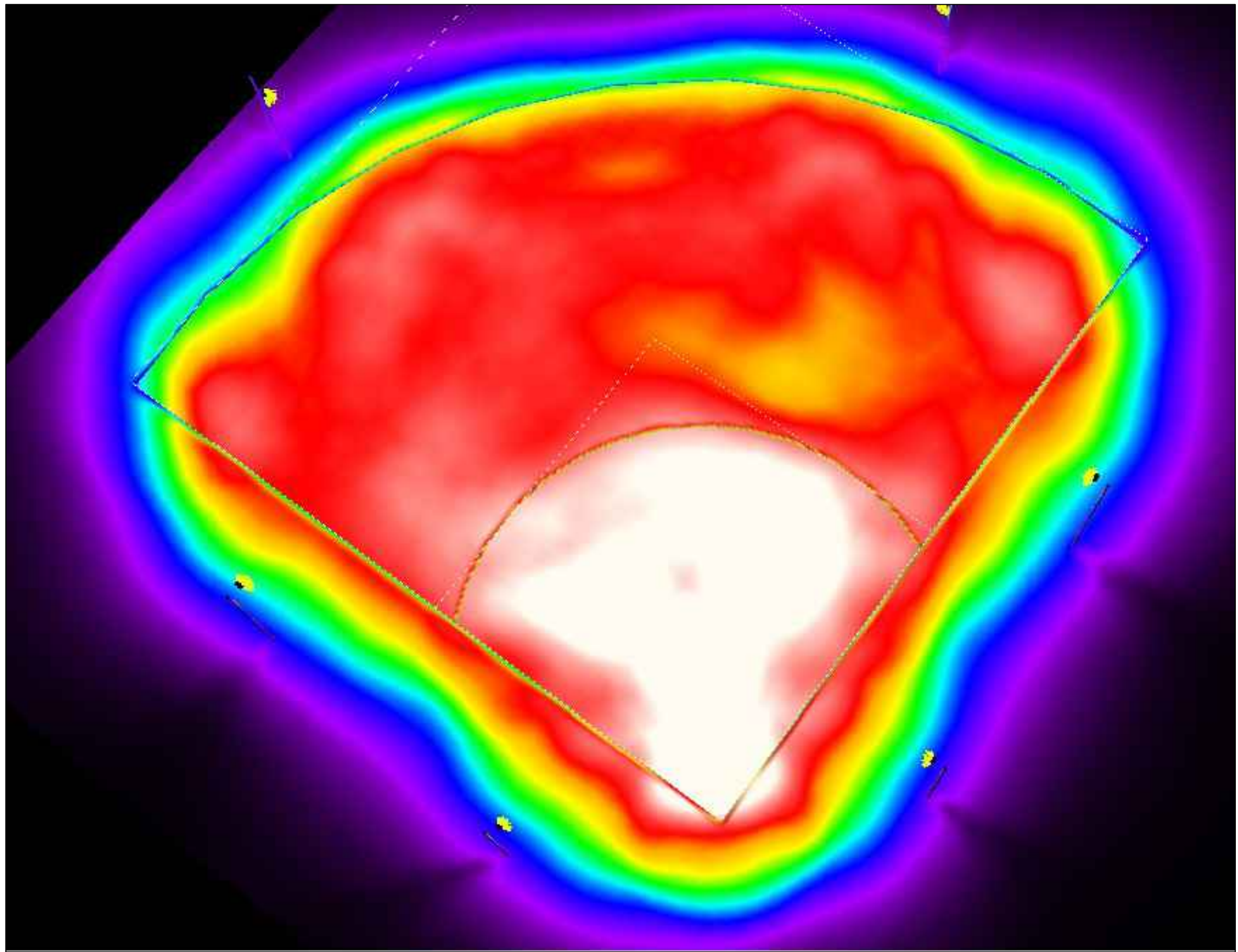
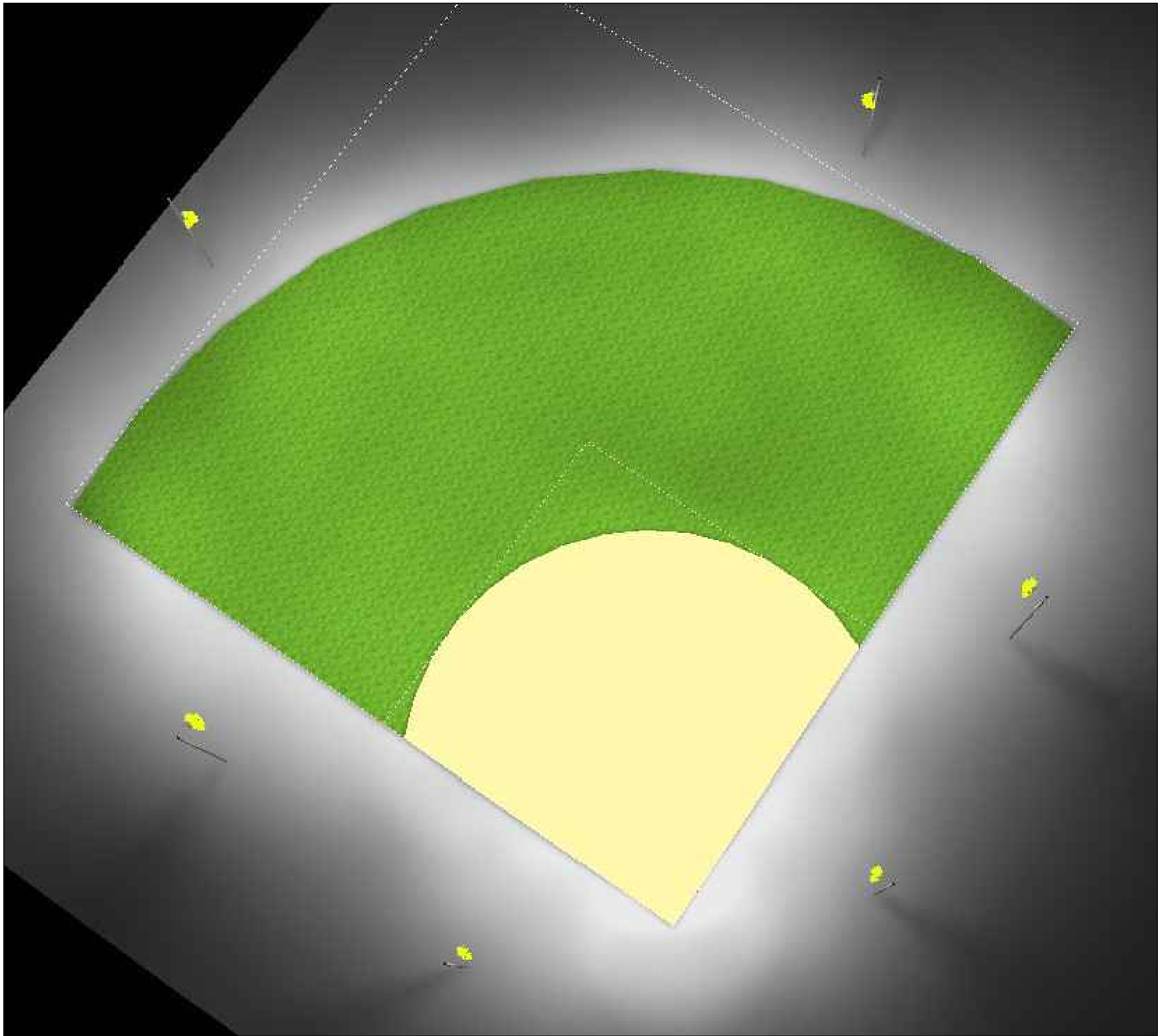
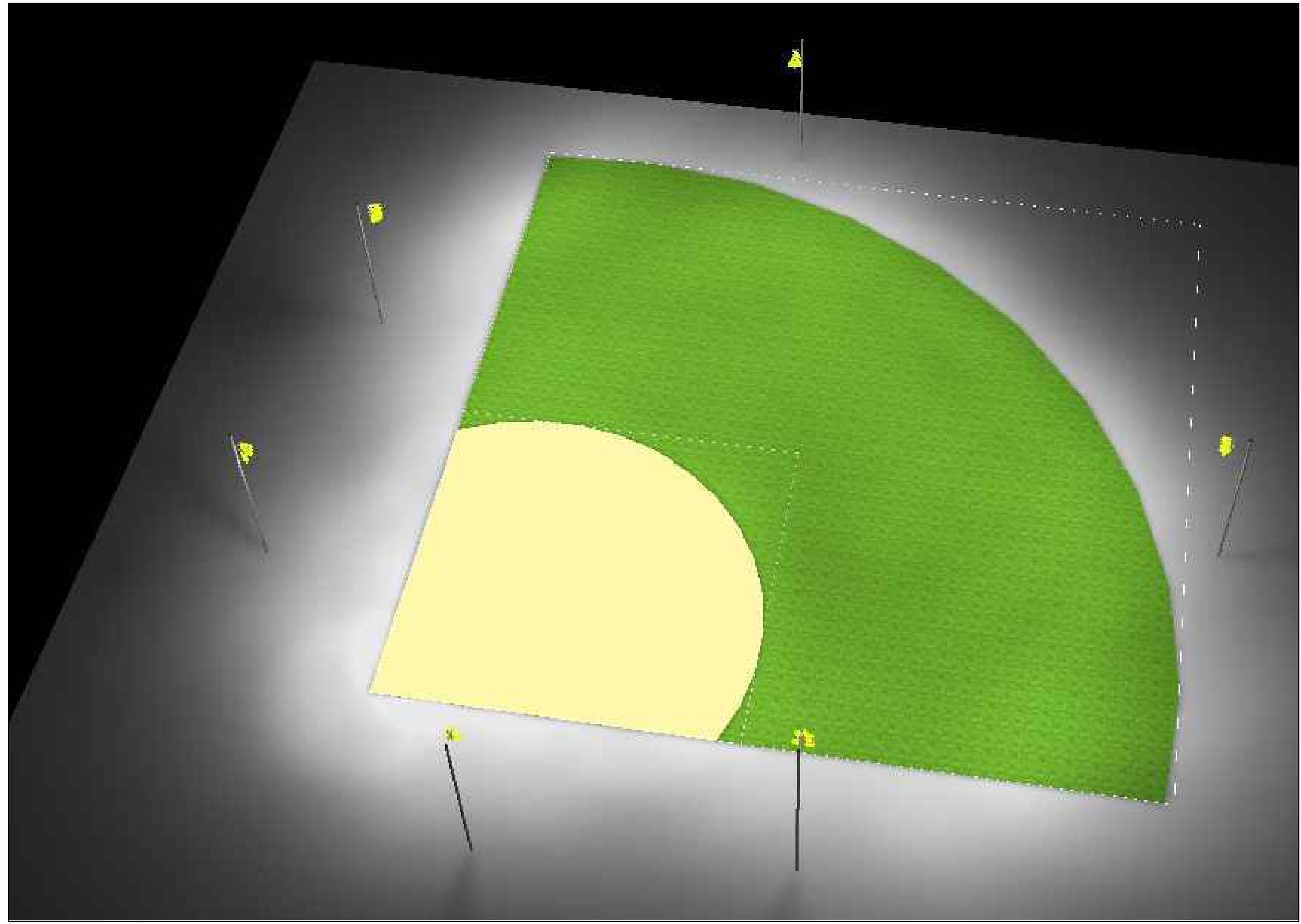
FC LEVELS					
SPORT FIELD	AVG:	MIN:	MAX:	AVG/MIN	MAX/MIN
INFIELD	51	42	79	1.2	1.9
OUTFIELD	35	16	48	2.2	3.0



IES Class III – Baseball Field - Lighting Fixtures				
Page No.	Project Name	Checked By:		Date:
2	IES Class III – Baseball Field	Drawn By:		12-May-25
		Scale:	N.T.S.	

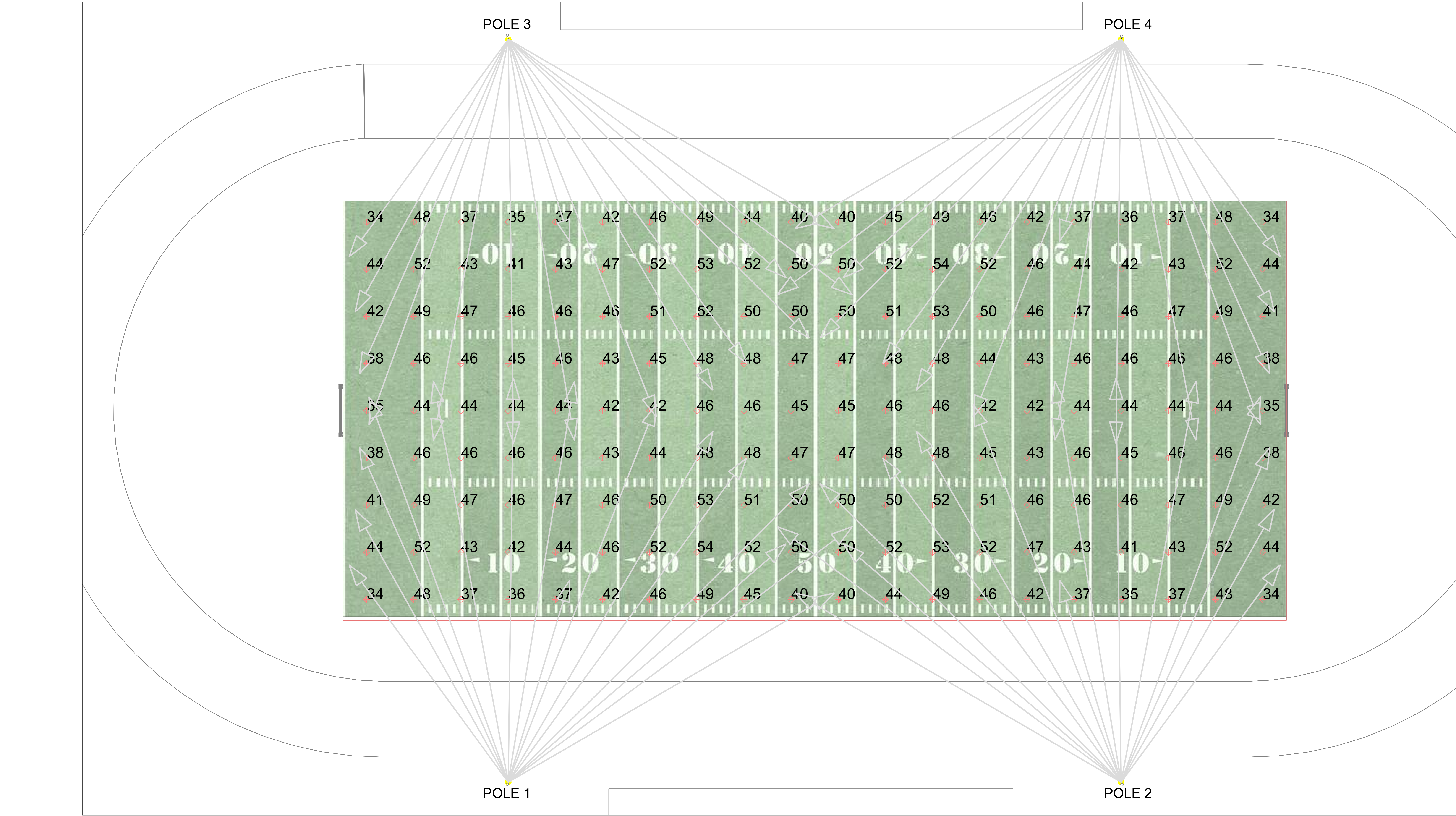


FIXTURE TYPES						
LABEL	QUANTITY	TYPE	WATTAGE	LUMENS	HEIGHT	LLF
●	30	600W - 15deg-symetrical beam	600 W	69010 lm	70 ft	0.9
●	30	600W - 30deg-symetrical beam	600 W	78552 lm	67 ft	0.9



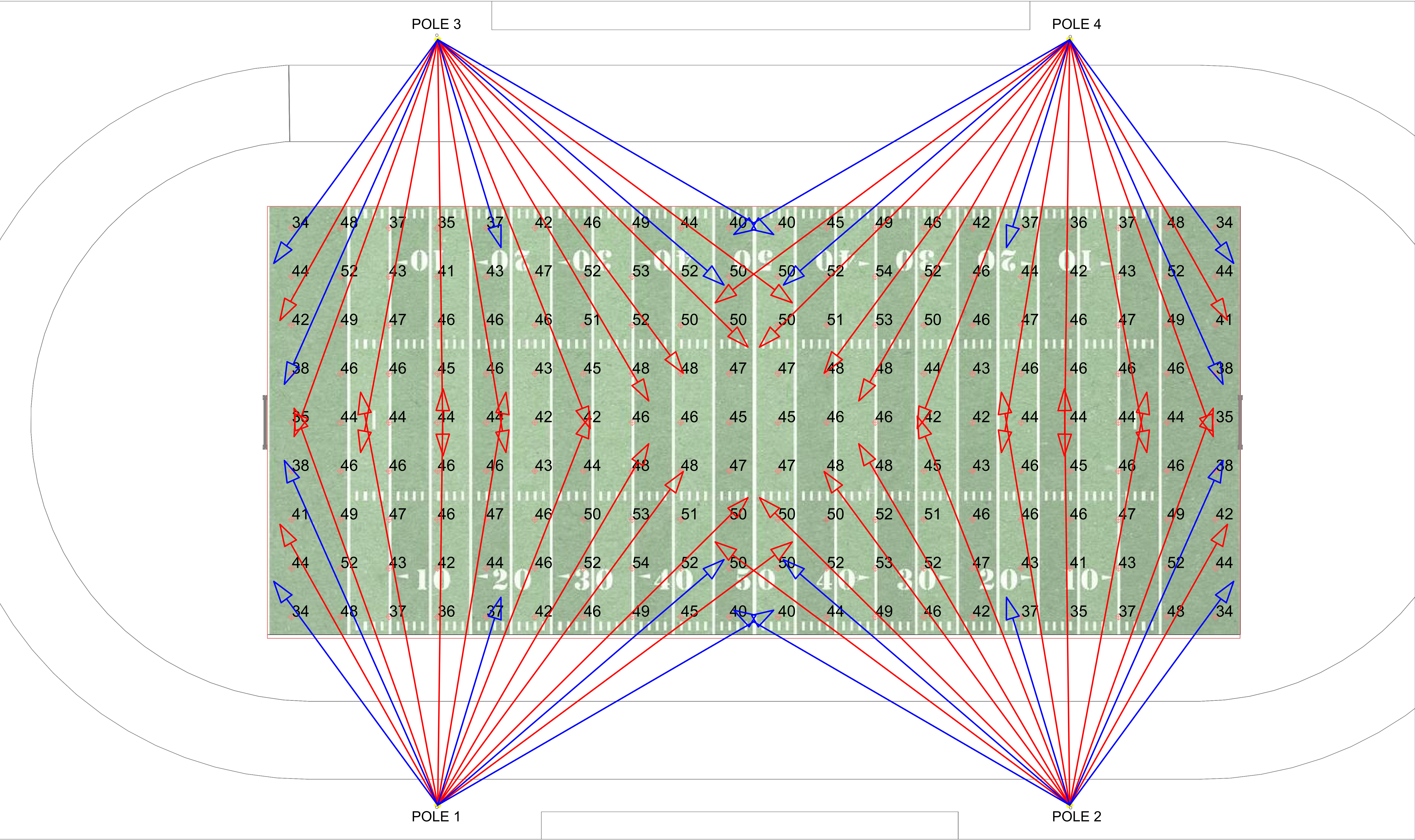
0 5.00 10.00 15.00 20.00 25.00 30.00 35.00 50.00 fc

IES Class III – Baseball Field - 3D Renders				
Page No.	Project Name	Checked By:		Date:
3	IES Class III – Baseball Field	Drawn By:		12-May-25
		Scale:	N.T.S.	



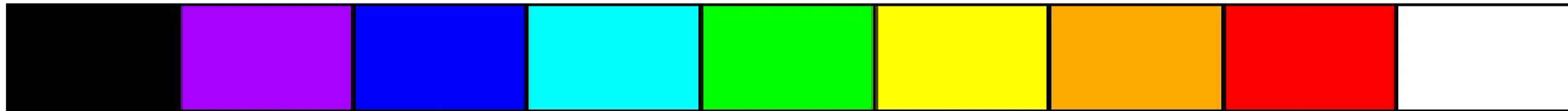
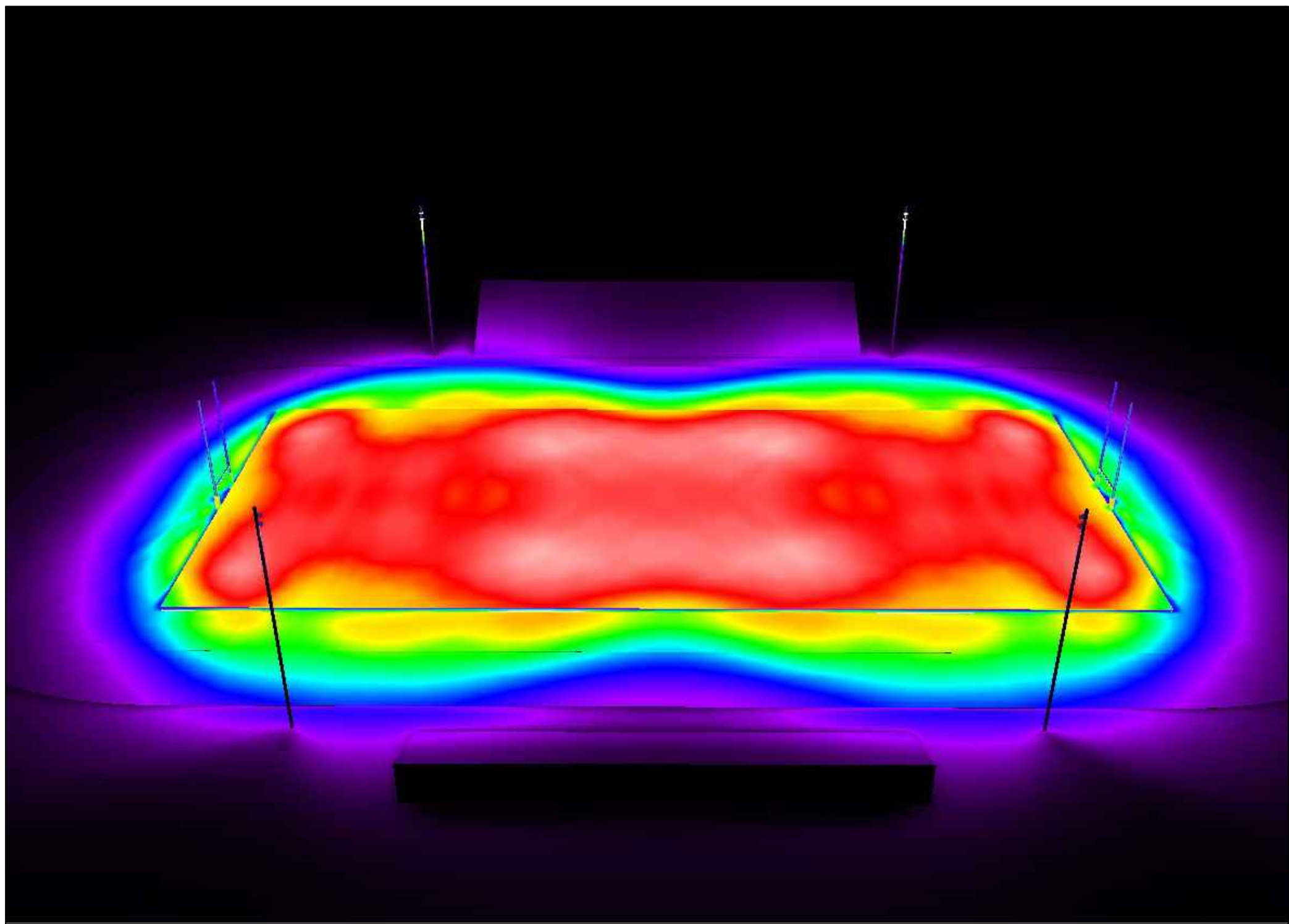
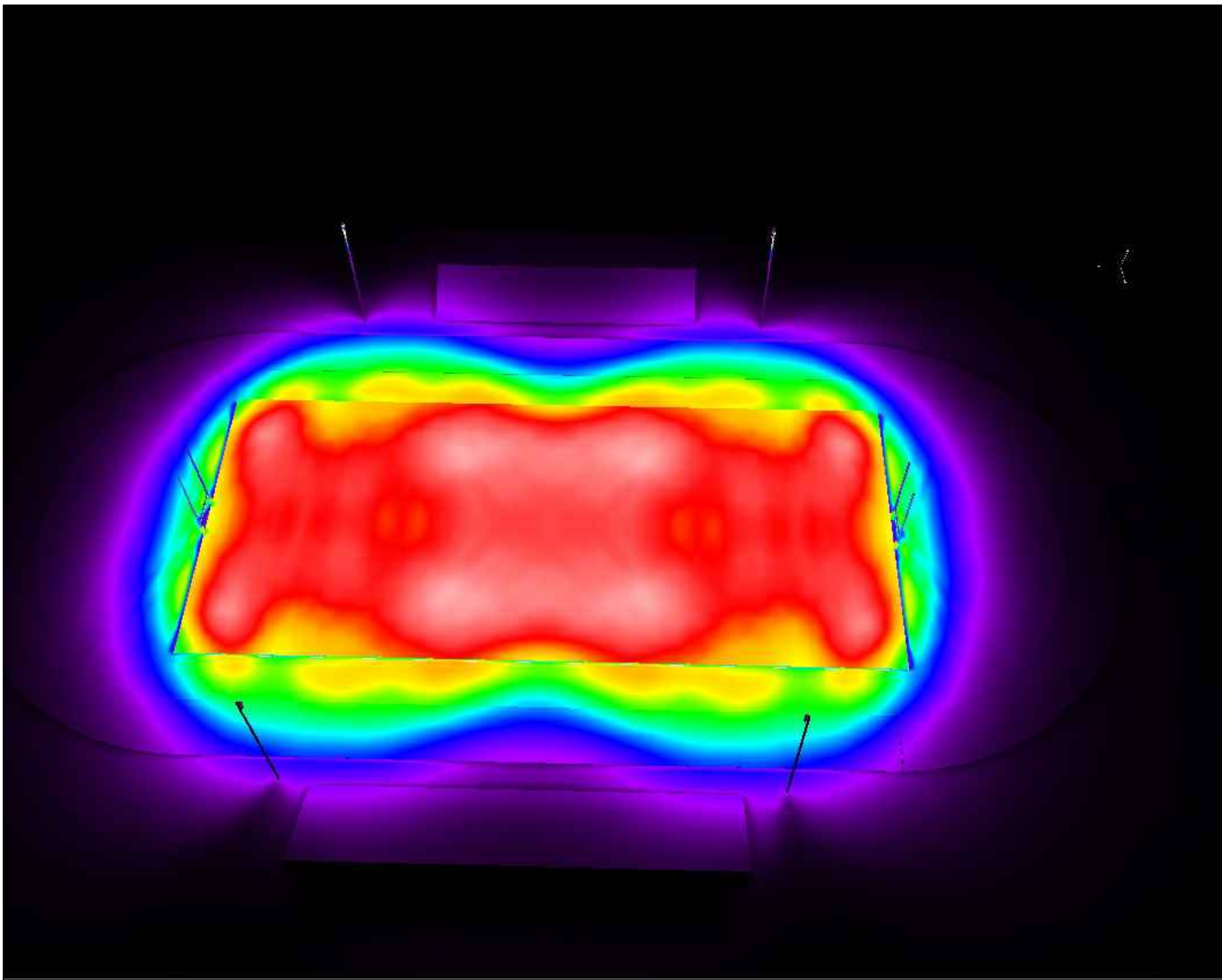
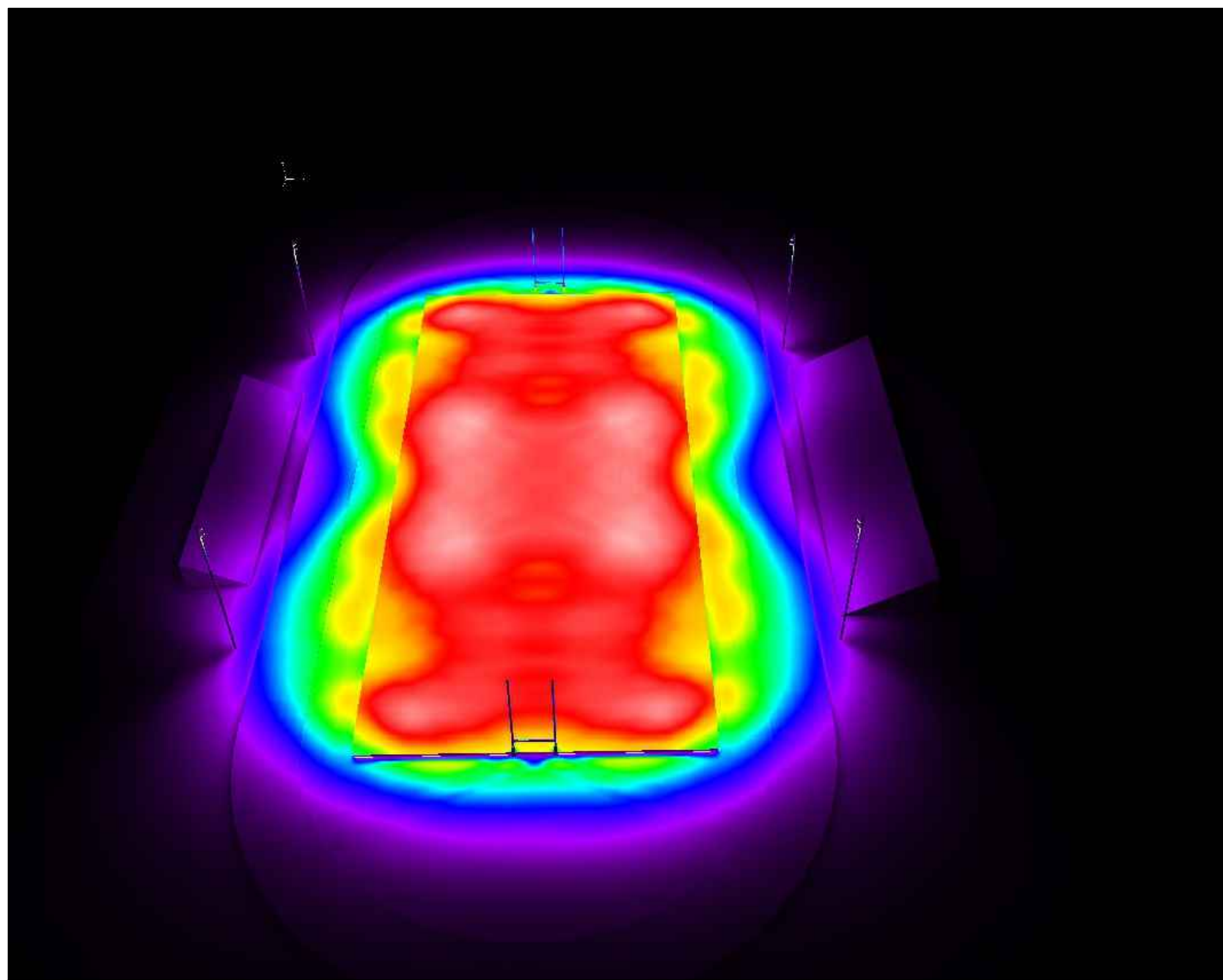
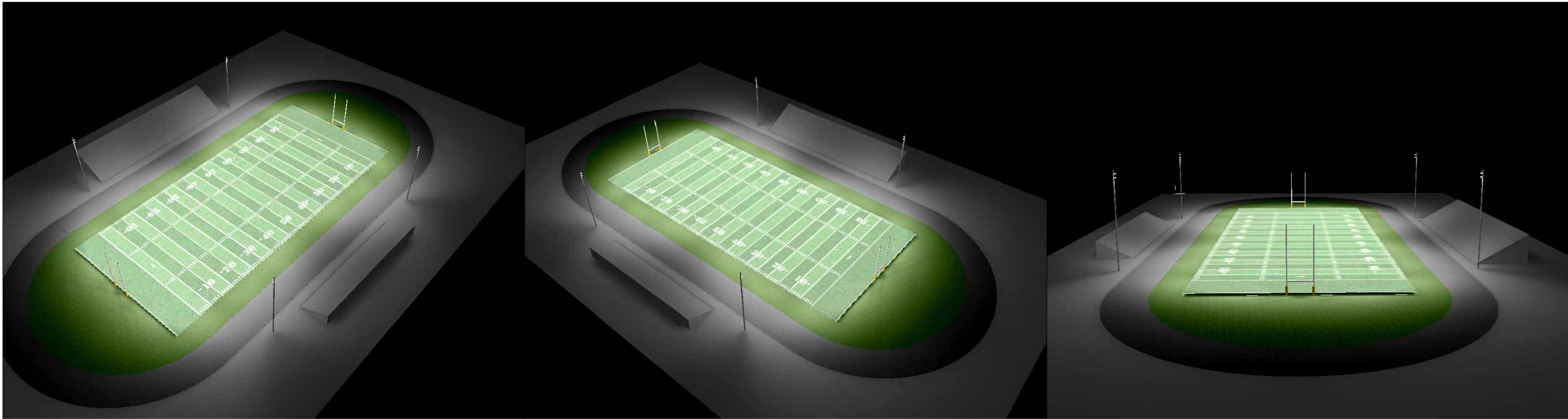
IES Class III – Football Field - Lighting Levels					
Page No.	Project Name	Checked By:		Date:	
1	IES Class III – Football Field	Drawn By:	S.T	2-May-25	
		Scale:	N.T.S.		

FC LEVELS					
SPORT FIELD	AVG:	MIN:	MAX:	AVG/MIN	MAX/MIN
FOOTBALL FIELD	45	34	54	1.3	1.6



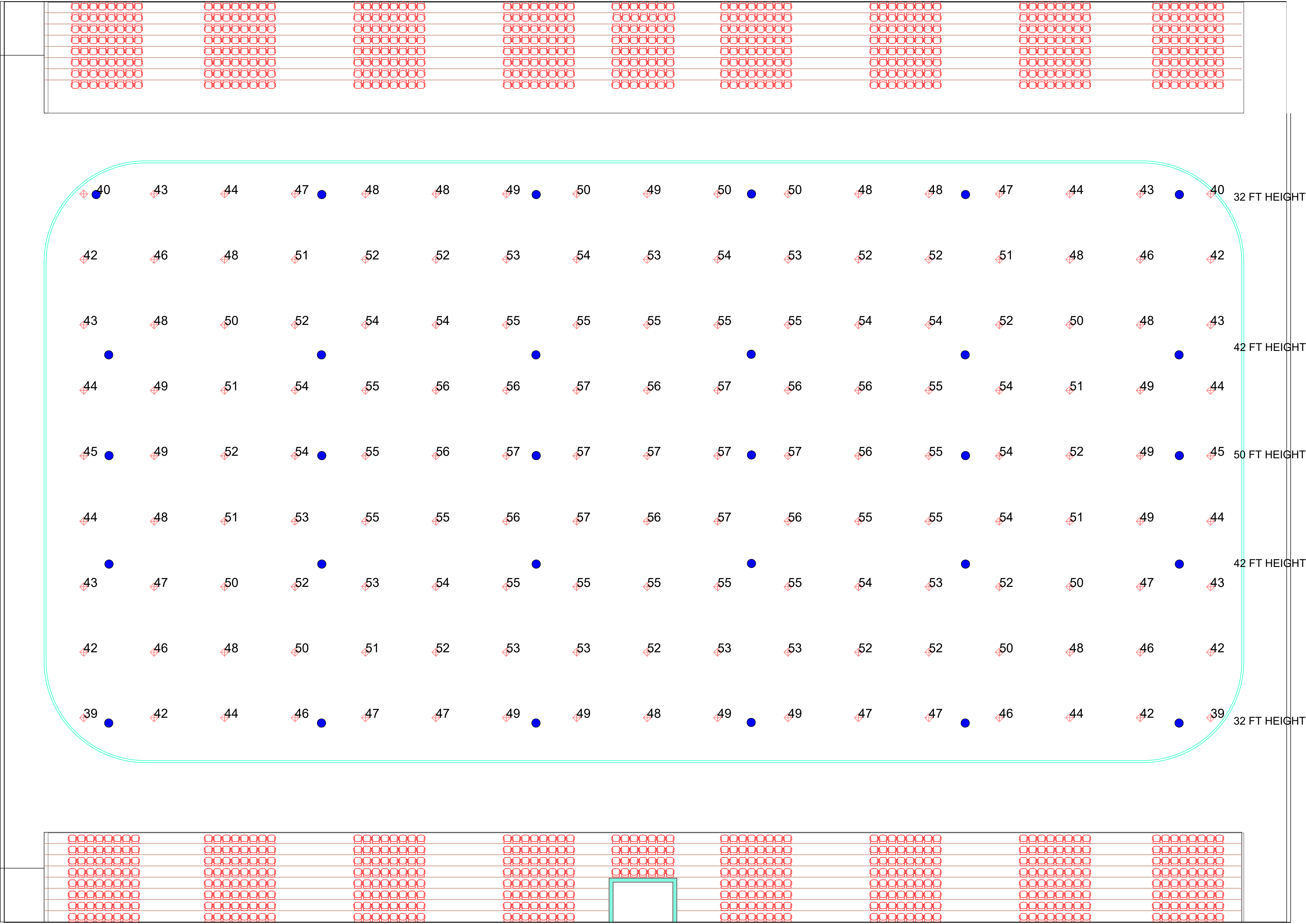
IES Class III – Football Field Fixture Types					
Page No.	Project Name	Checked By:		Date:	
2	IES Class III – Football Field	Drawn By:	S.T	2-May-25	
		Scale:	N.T.S.		

FIXTURE TYPES						
LABEL	QUANTITY	TYPE	WATTAGE	LUMENS	HEIGHT	LLF
	40	600W - 15deg-symmetrical beam	600 W	69010 lm	77 ft	0.9
	20	600W - 30deg-symmetrical beam	600 W	78552 lm	74 ft	0.9



0 6.25 12.50 18.75 25.00 31.25 37.50 43.75 60.00 fc

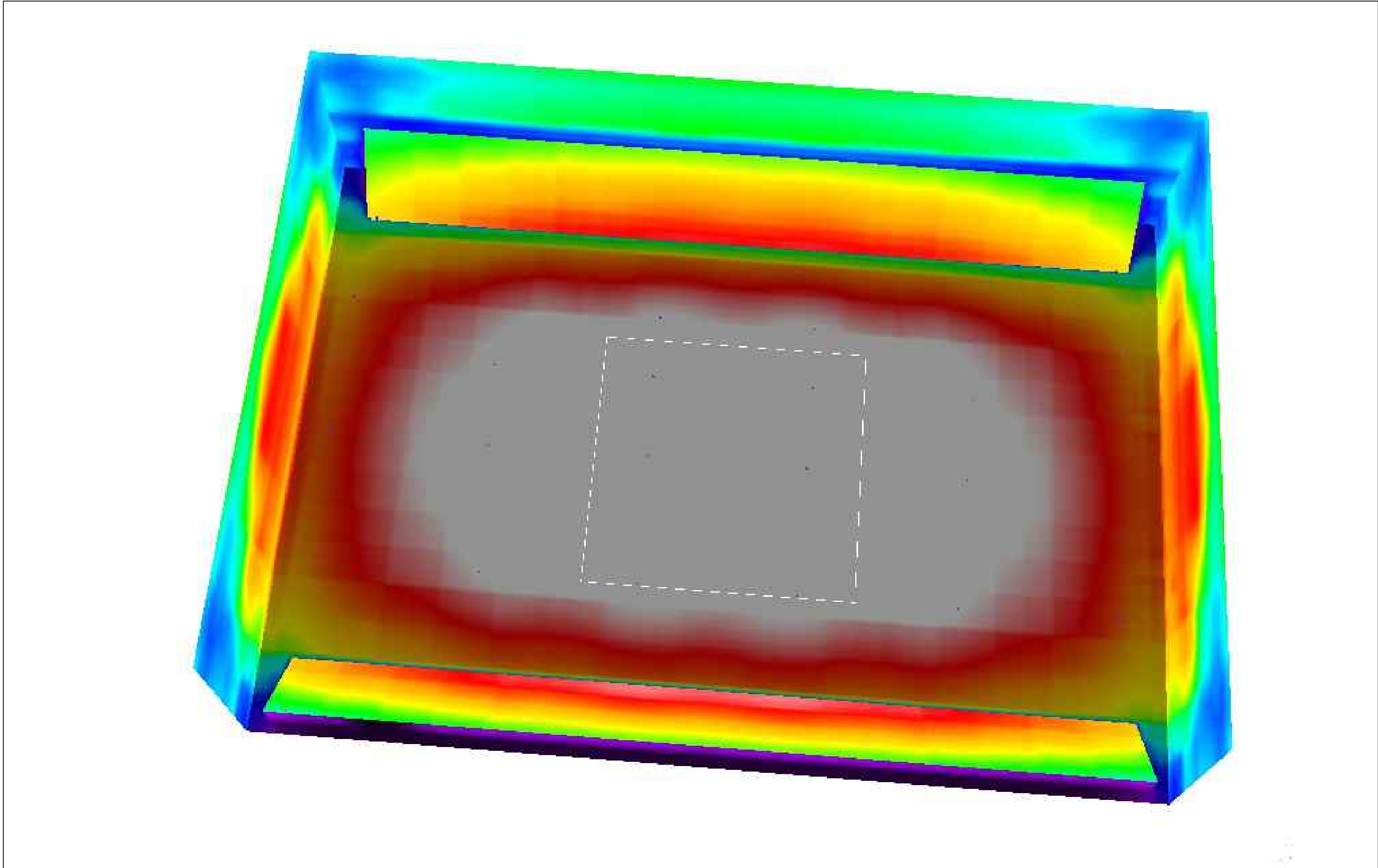
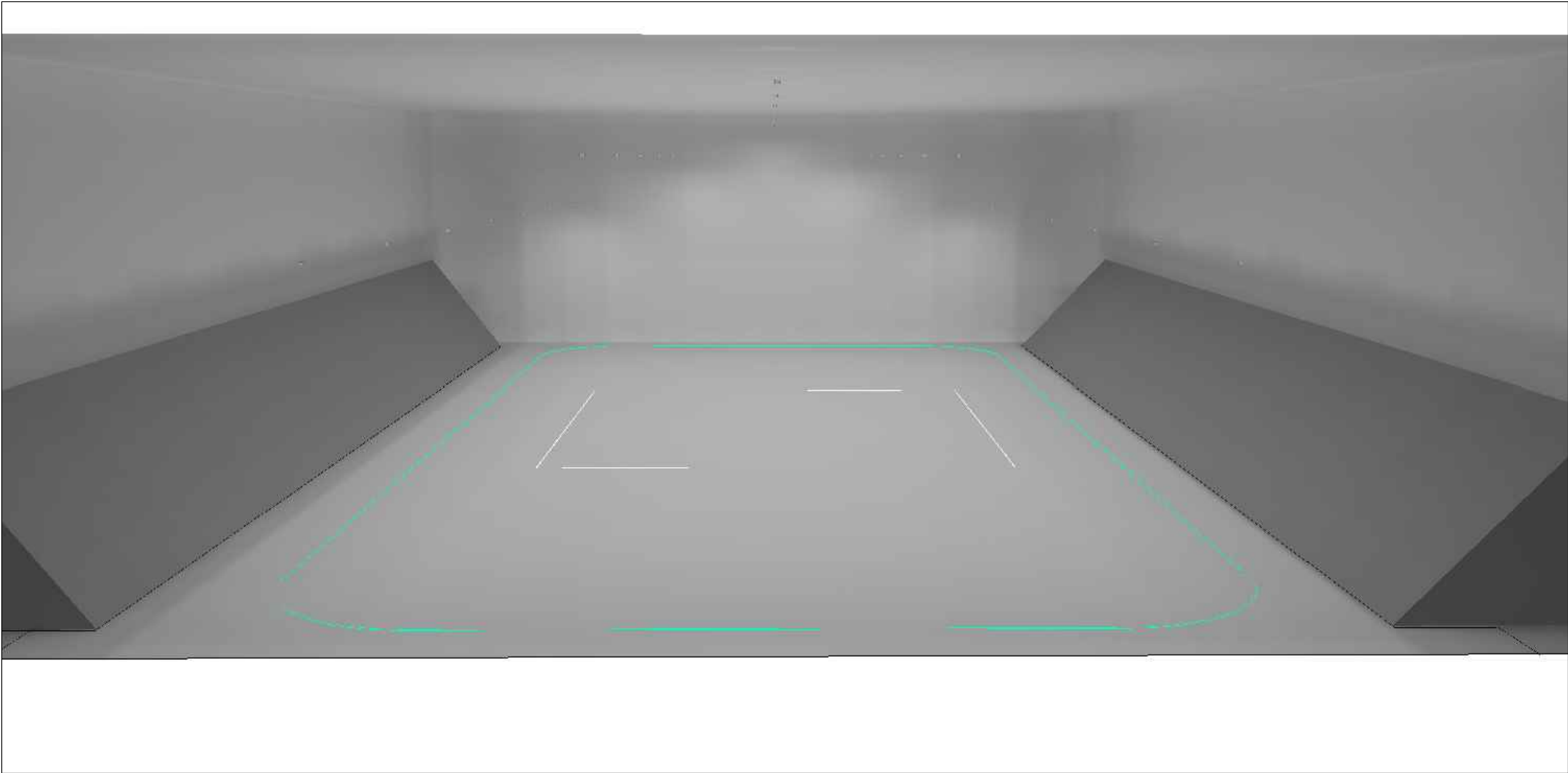
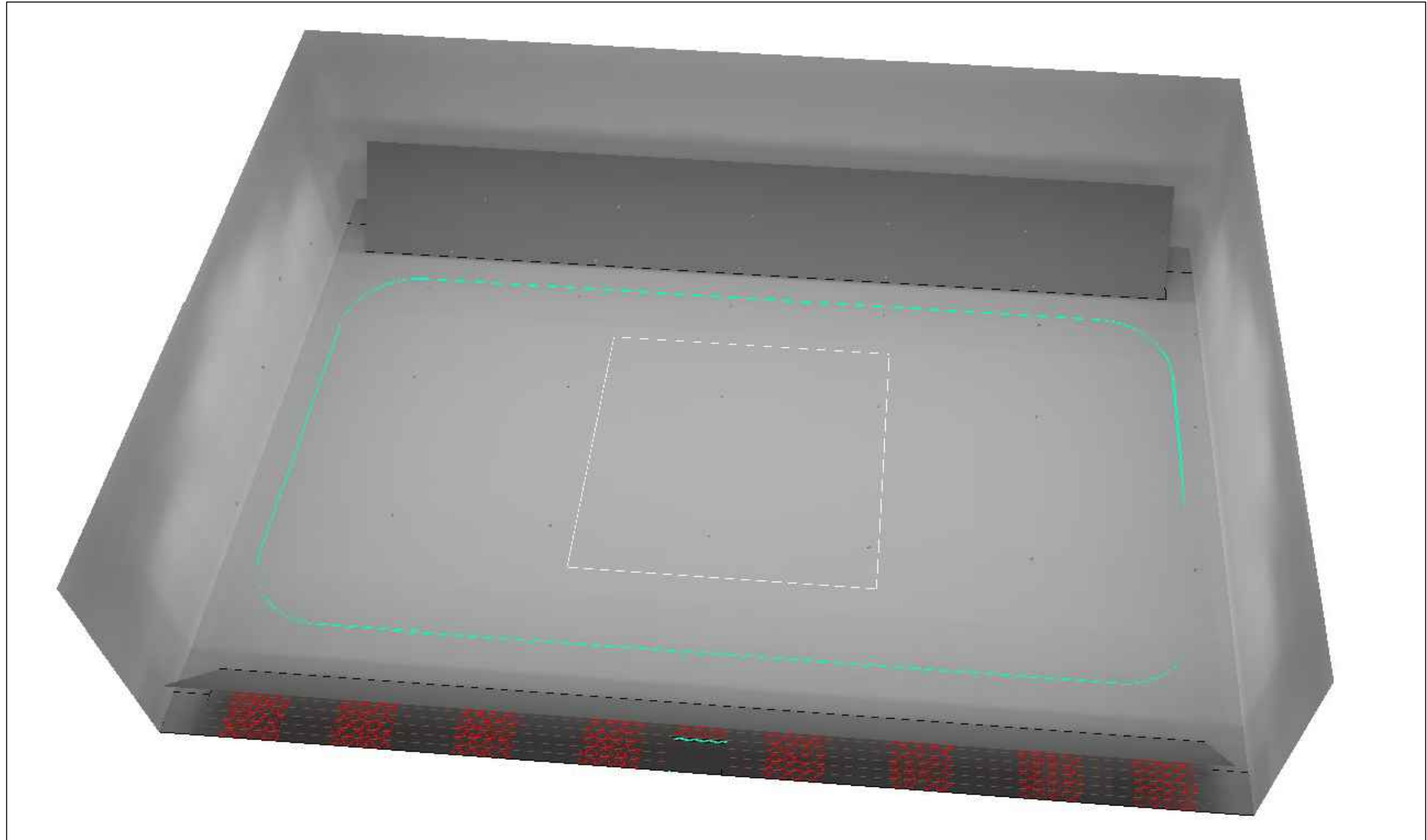
IES Class III – Football Field 3D Renders and False Color Renders					
Page No.	Project Name	Checked By:		Date:	
3	IES Class III – Football Field	Drawn By:	S.T	2-May-25	
		Scale:	N.T.S.		



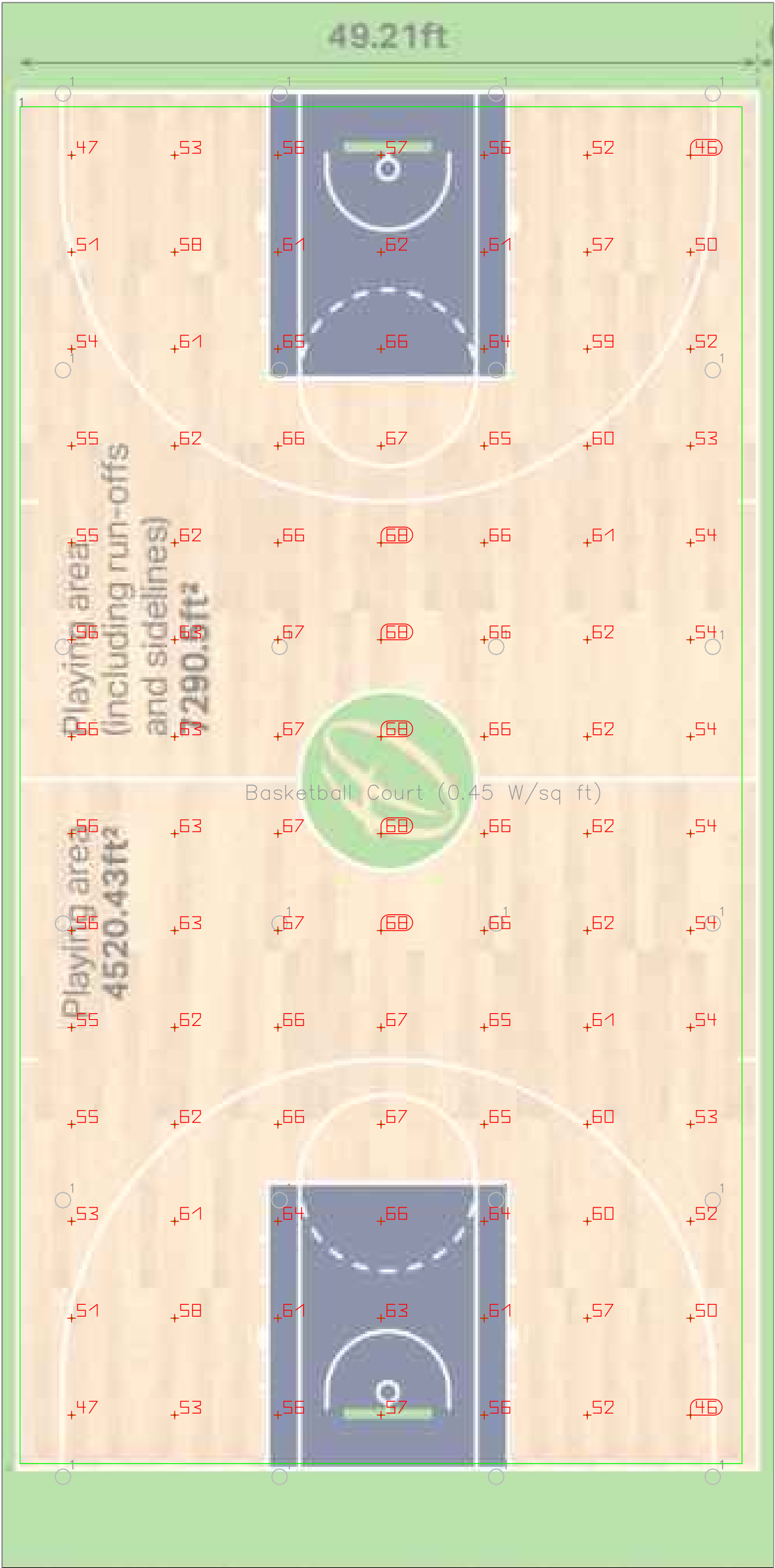
IES Class III – Ice Hockey Arena Lighting Levels			
Page No.	Project Name	Date:	
1	IES Class III – Ice Hockey Arena	7-May-25	
		Scale:	N.T.S.

FC LEVELS					
SPORT FIELD	AVG:	MIN:	MAX:	AVG/MIN	MAX/MIN
Ice Hockey Arena	50	39	57	1.3	1.5

FIXTURE TYPES						
LABEL	QUANTITY	TYPE	WATTAGE	LUMENS	HEIGHT	LLF
	30	300W - 120deg High Bay	450 W	45000 lm	32 ft	0.9



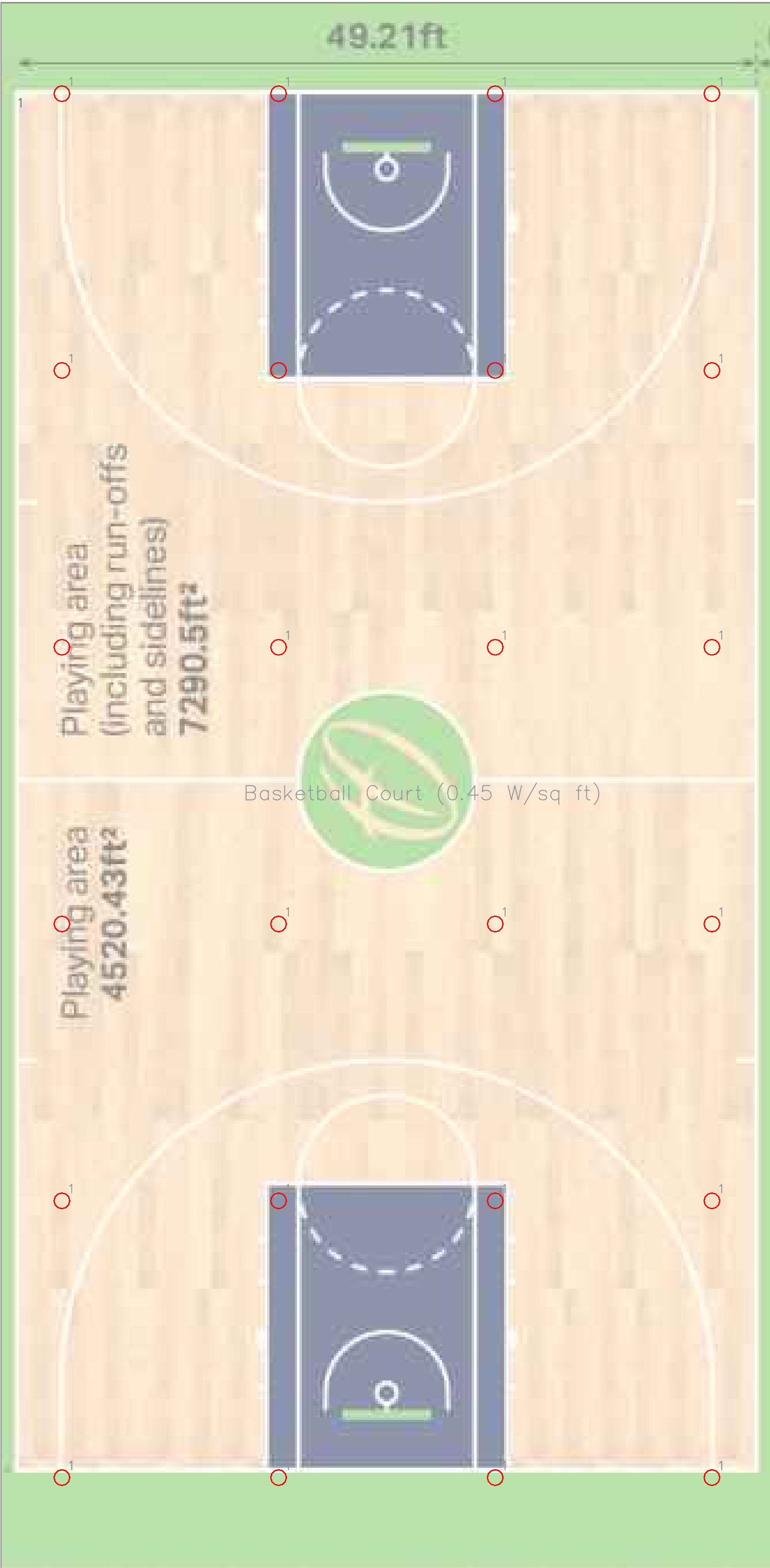
IES Class III – Ice Hockey Arena 3D Renders and False Color Renders			
Page No.	Project Name	Date:	
2	IES Class III – Soccer Field	7-May-25	
		Scale:	N.T.S.



IES Class III – Indoor Basketball Court Lighting Levels			
Page No.	Project Name	Date:	
1	IES Class III – Indoor Basketball	7-May-25	
		Scale:	N.T.S.

FC LEVELS					
SPORT FIELD	AVG:	MIN:	MAX:	AVG/MIN	MAX/MIN
SOCCER FIELD	59.5	45.8	68.2	1.3	1.5

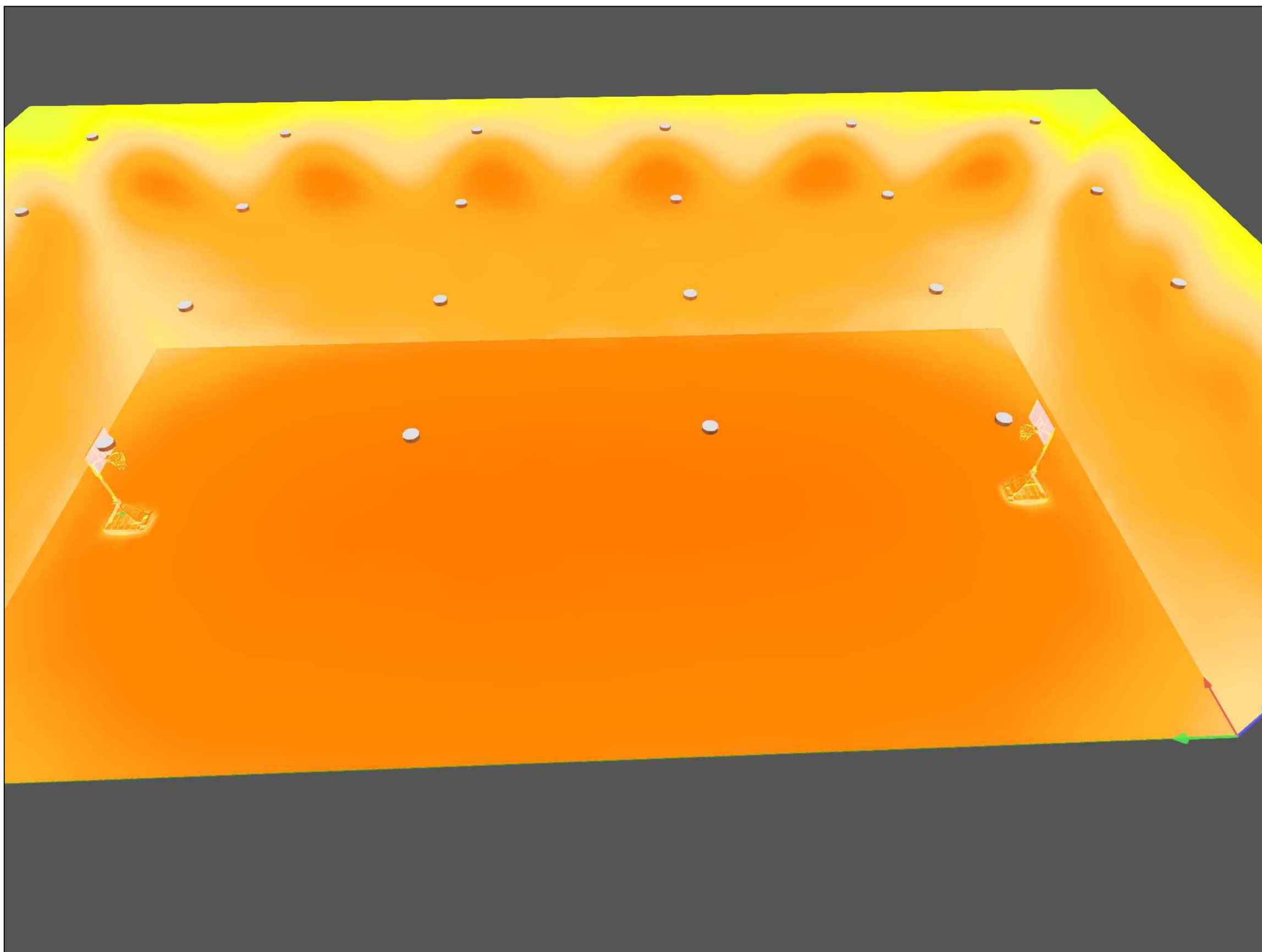




IES Class III – Indoor Basketball Fixtures Types			
Page No.	Project Name	Date:	
2	IES Class III – Indoor Basketball	7-May-25	
		Scale:	N.T.S.

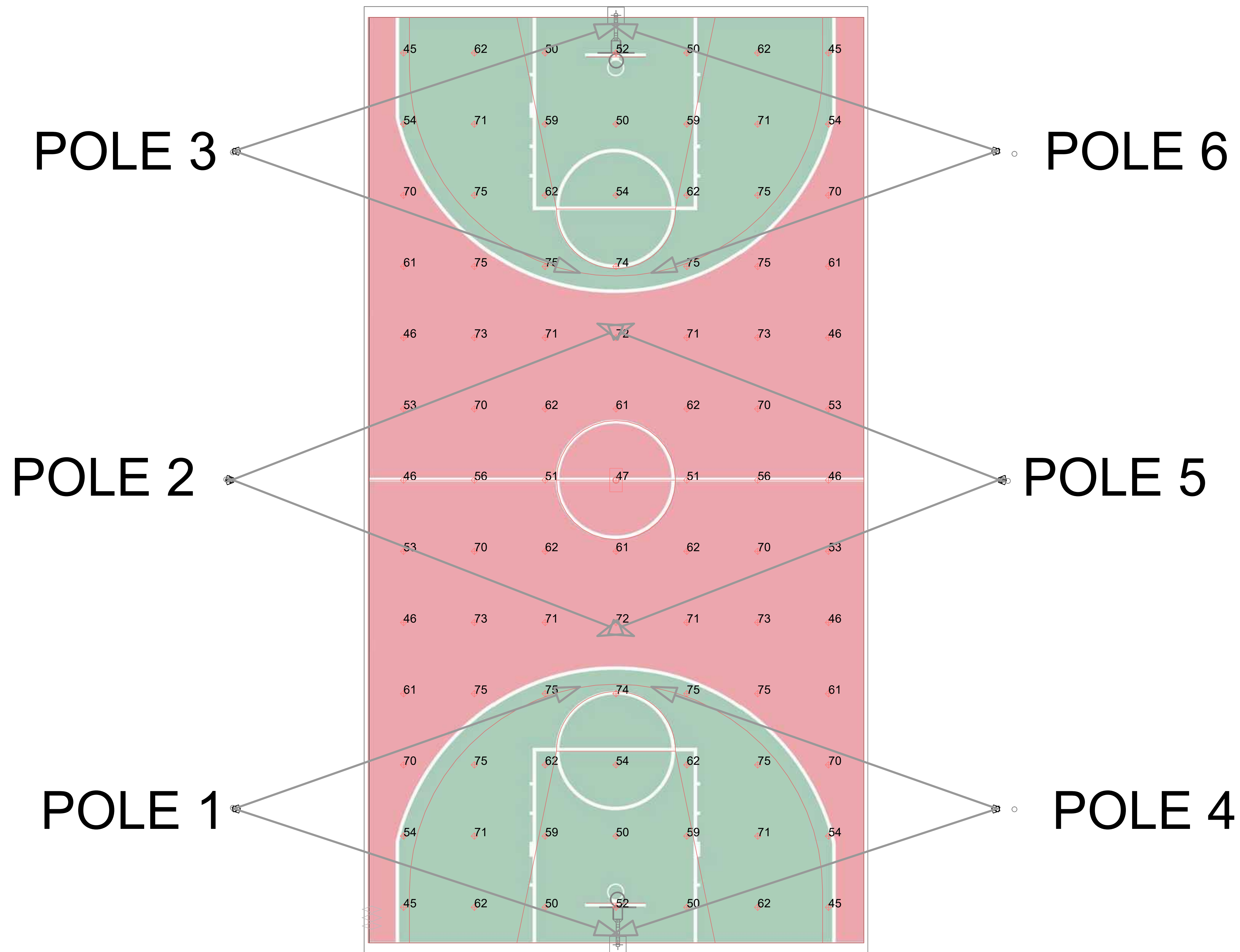


FIXTURE TYPES						
LABEL	QUANTITY	TYPE	WATTAGE	LUMENS	HEIGHT	LLF
 ¹	24	130W - symmetrical beam 70 deg	130 W	19500 lm	32 ft	0.9



IES Class III – 3D Renders and False Color Renders

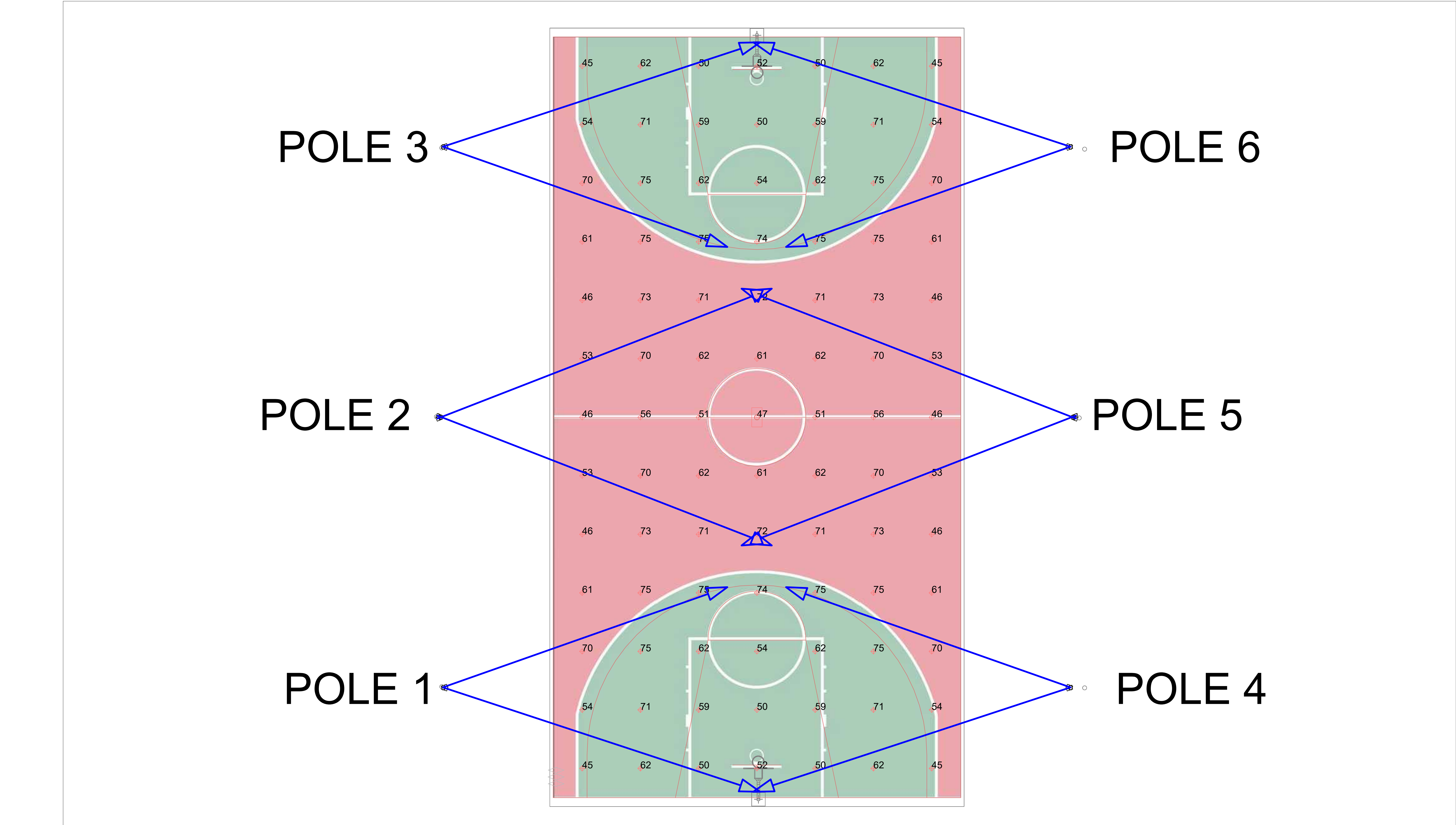
Page No.	Project Name	Date:	
3	IES Class III – Indoor Basketball	7-May-25	
		Scale:	N.T.S.



IES Class III – Outdoor Basketball Court Lighting Levels			
Page No.	Project Name	Date:	
1	IES Class III – Outdoor Basketball	7-May-25	
		Scale:	N.T.S.

FC LEVELS					
SPORT FIELD	AVG:	MIN:	MAX:	AVG/MIN	MAX/MIN
Outdoor Basketball	62	45	75	1.4	1.7

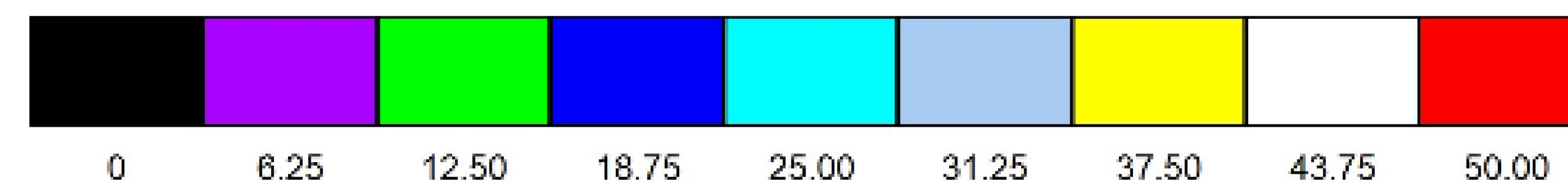
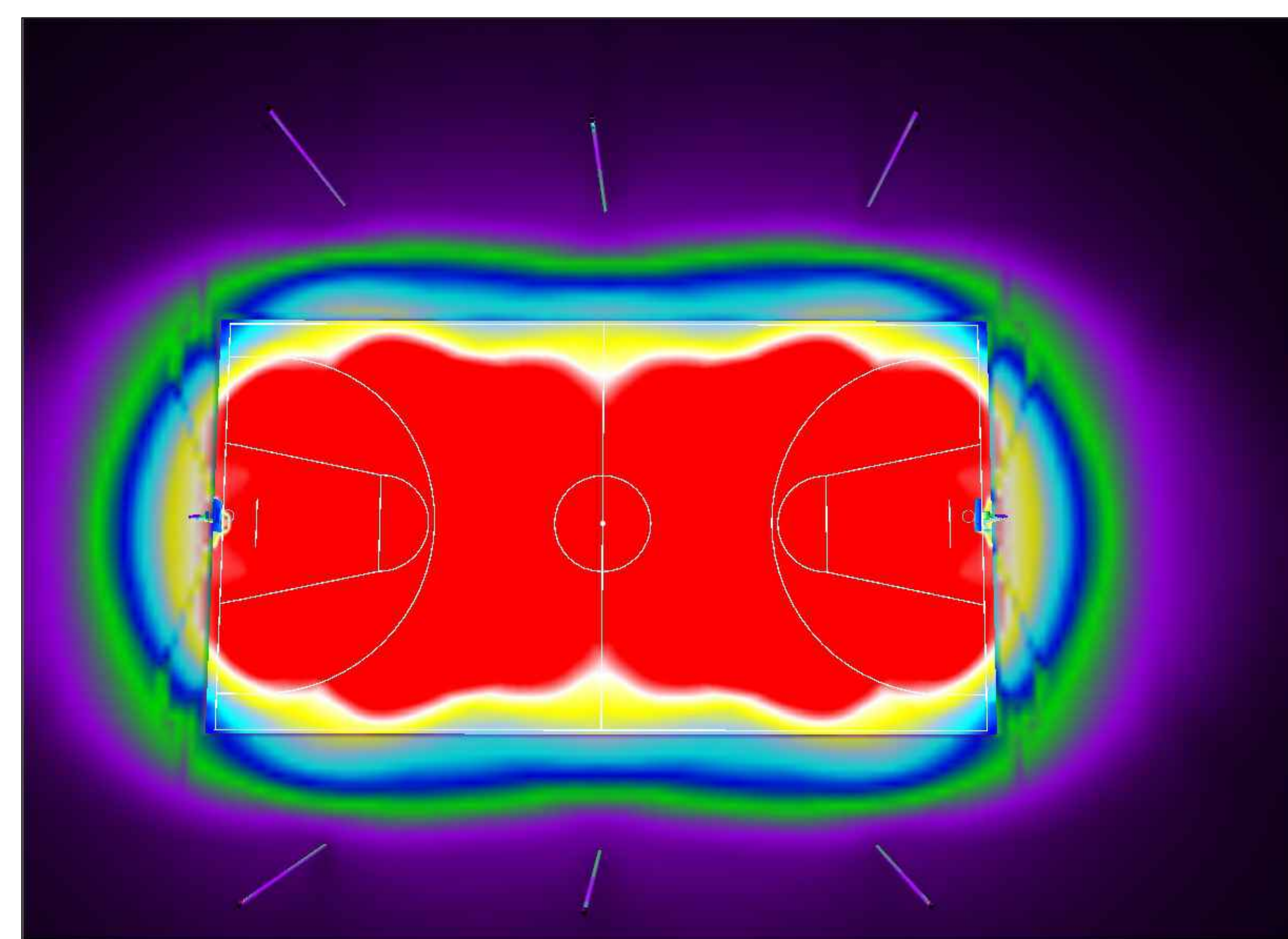
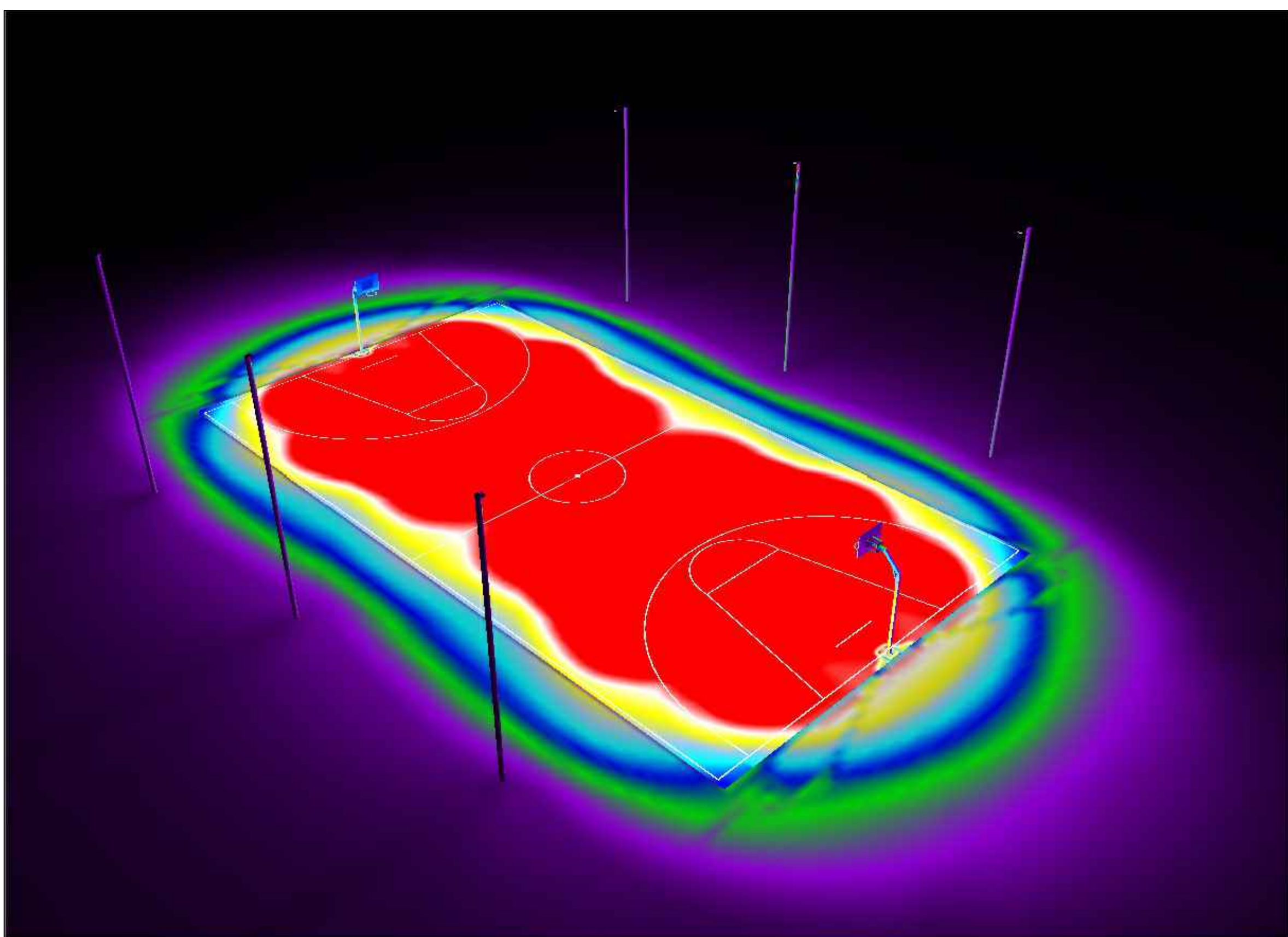
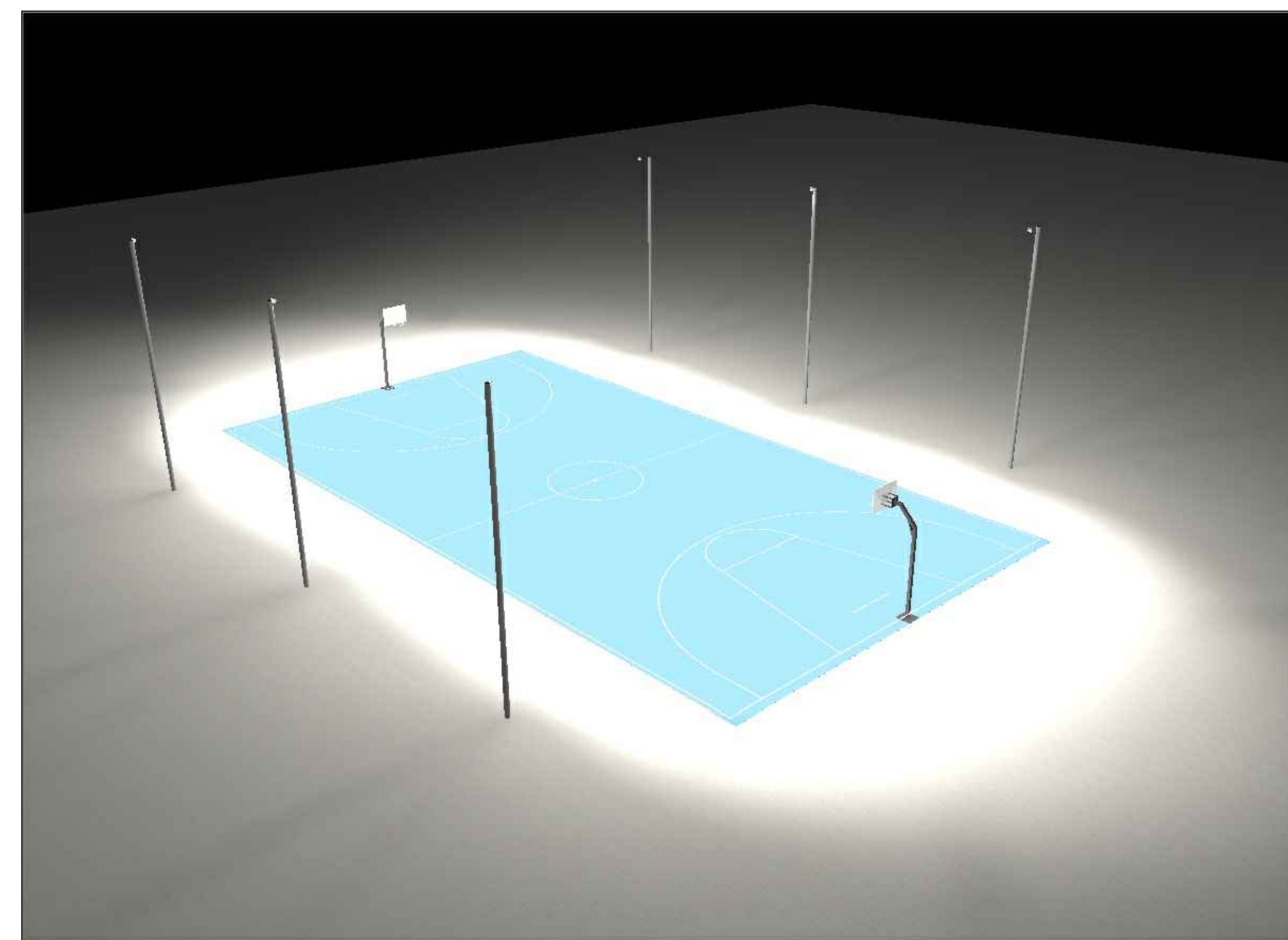
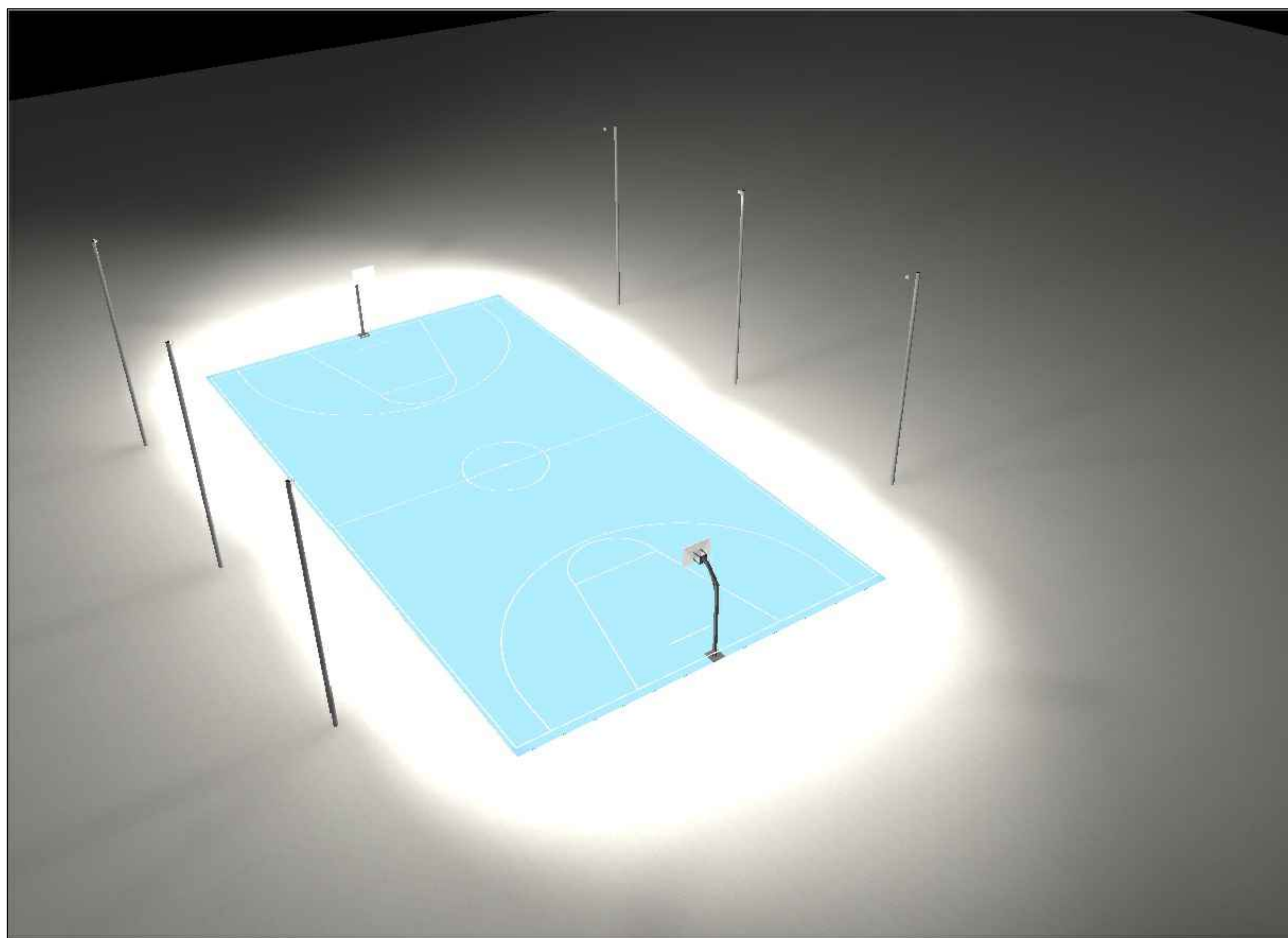




IES Class III – Indoor Basketball Fixtures Types			
Page No.	Project Name	Date:	
2	IES Class III – Outdoor Basketball	7-May-25	
		Scale:	N.T.S.



FIXTURE TYPES						
LABEL	QUANTITY	TYPE	WATTAGE	LUMENS	HEIGHT	LLF
	12	250W - symmetrical narrow beam 10-15 deg	250 W	37000 lm	30 ft	0.9



fc

IES Class III – 3D Renders and False Color Renders

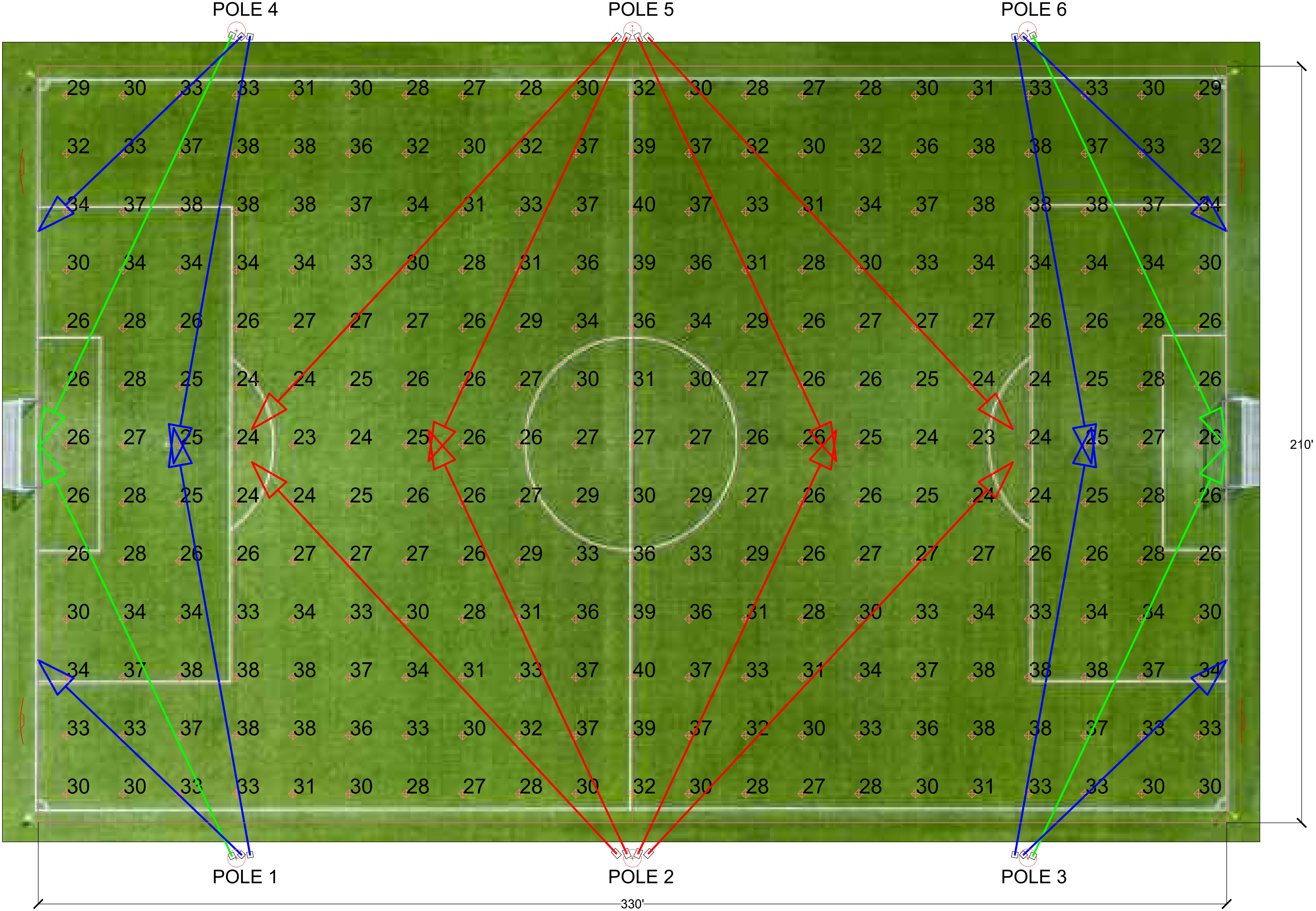
Page No.	Project Name	Date:	
3	IES Class III – Outdoor Basketball	7-May-25	
		Scale:	N.T.S.



IES Class III – Soccer Field Lighting Levels			
Page No.	Project Name	Date:	
1	IES Class III – Soccer Field	7-May-25	
		Scale:	N.T.S.

FC LEVELS					
SPORT FIELD	AVG:	MIN:	MAX:	AVG/MIN	MAX/MIN
SOCCER FIELD	31	23	40	1.3	1.7

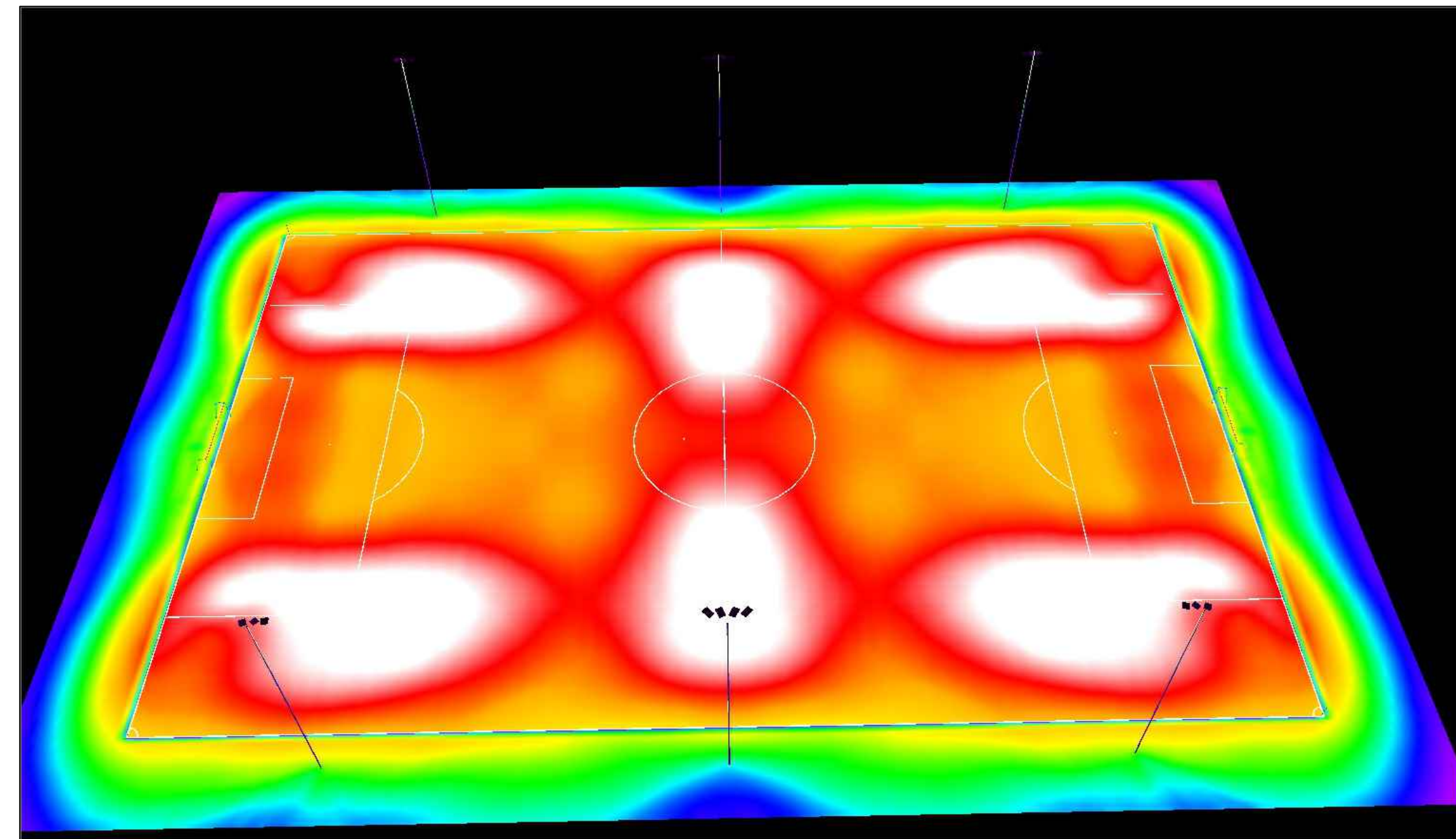
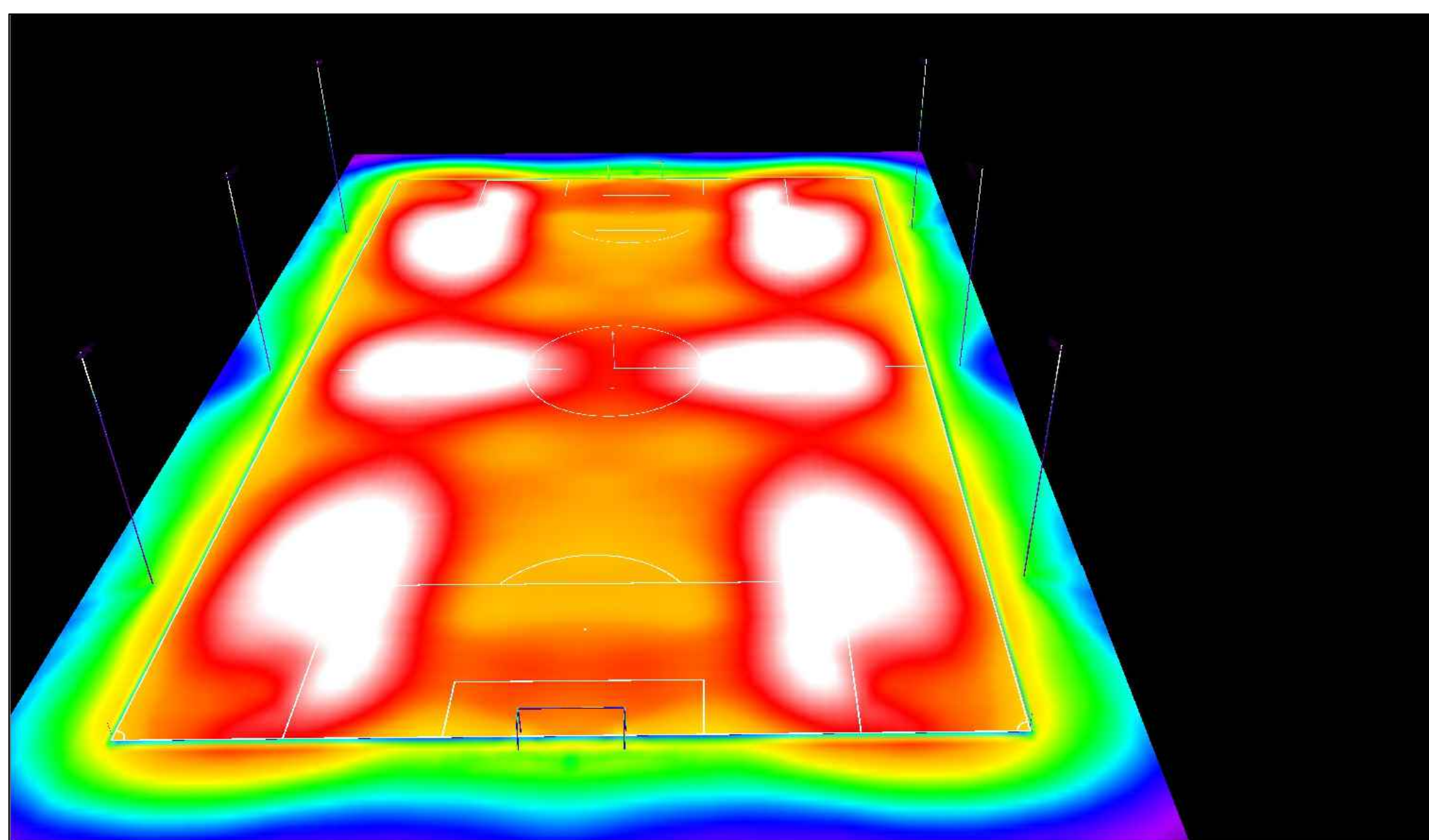
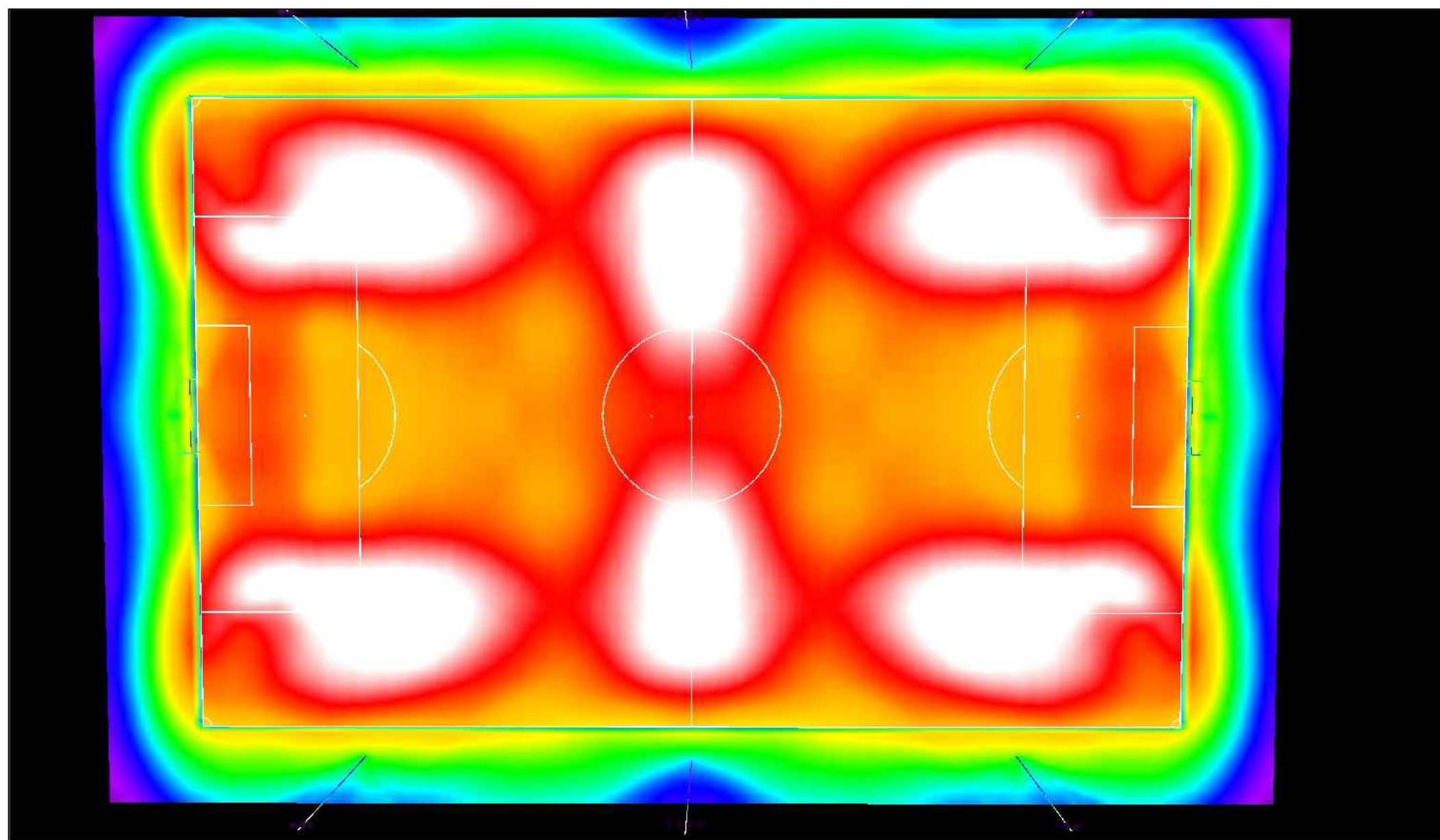
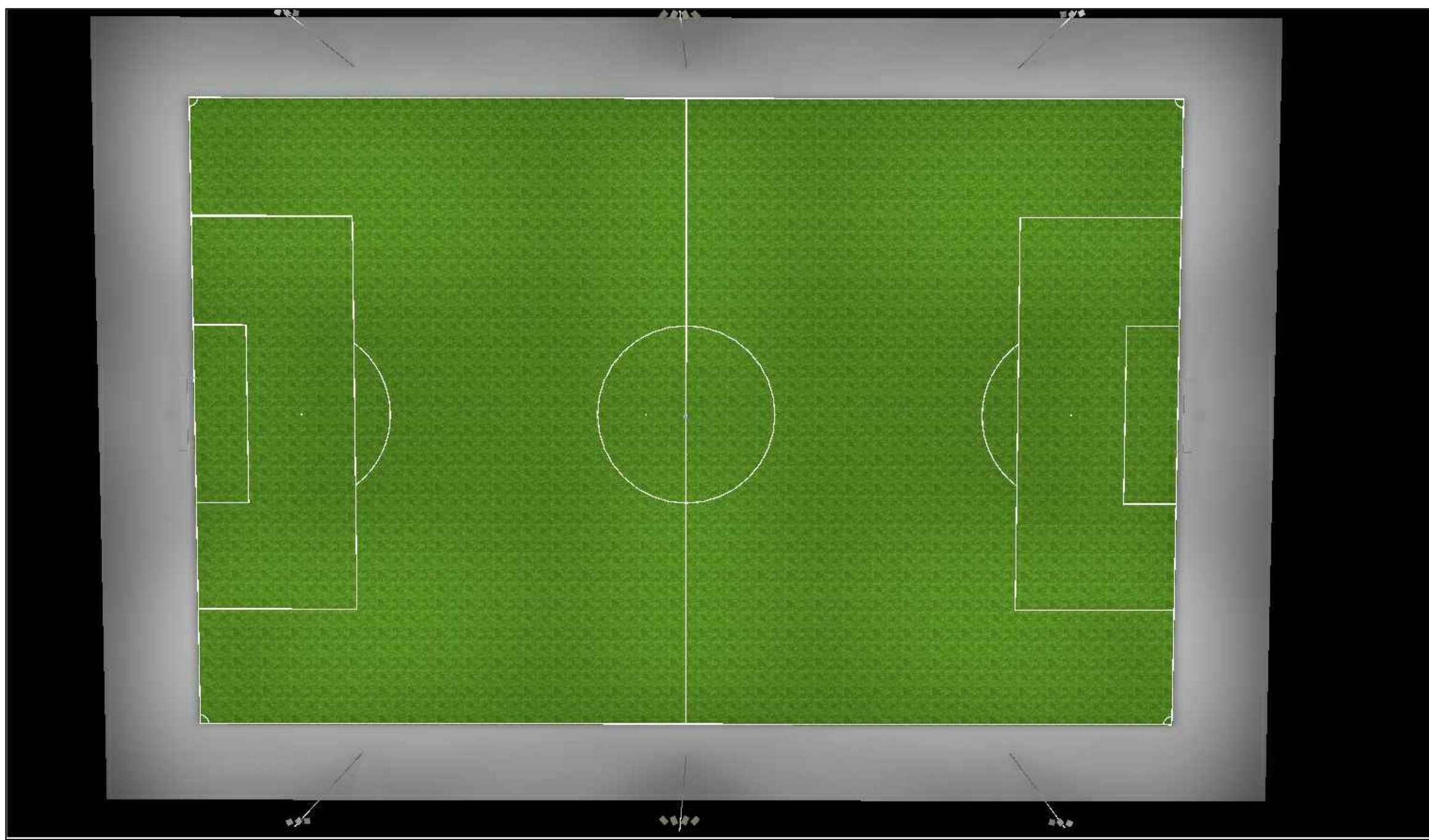
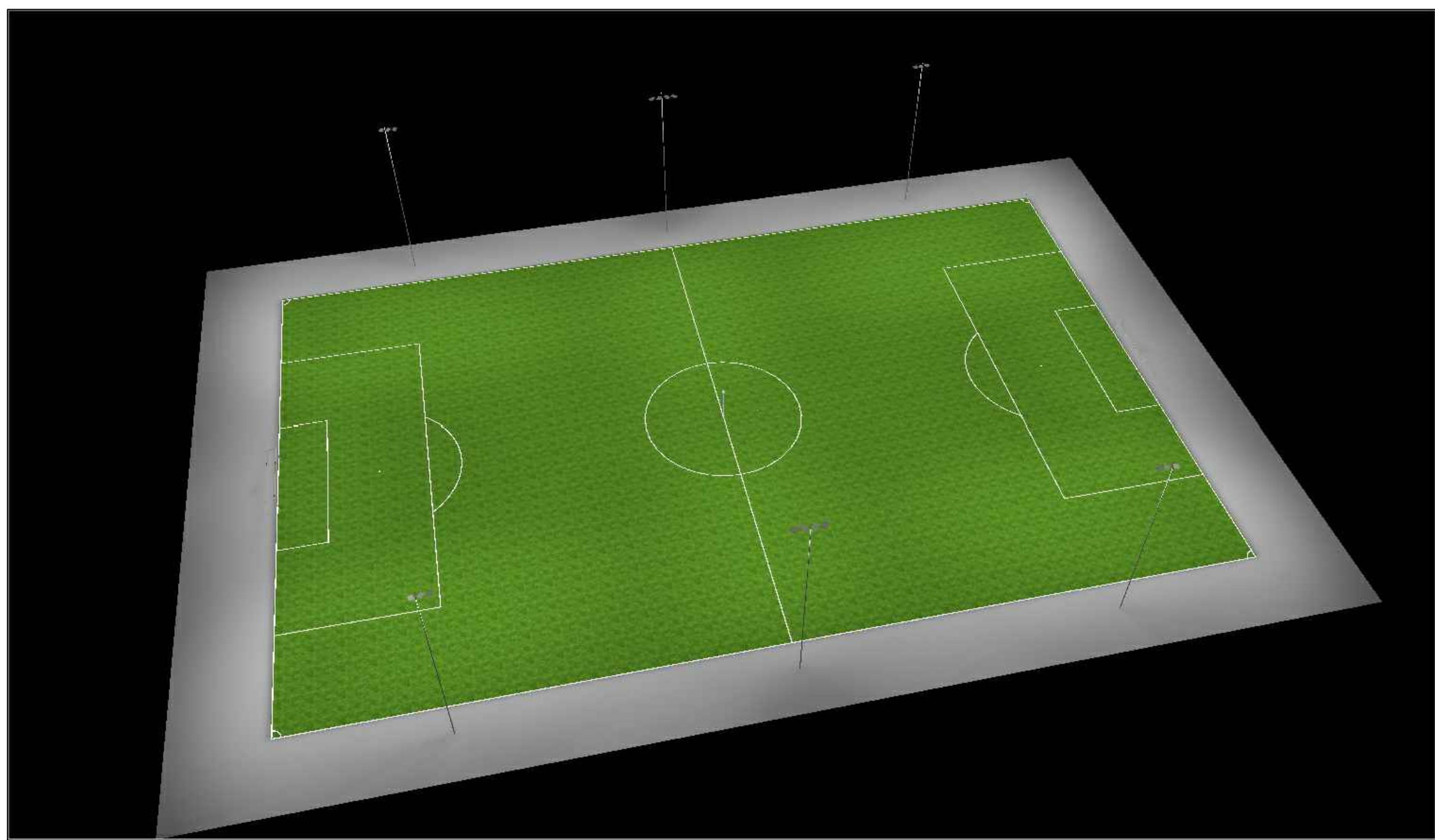




IES Class III – Soccer Field Fixtures Types			
Page No.	Project Name	Date:	
2	IES Class III – Soccer Field	7-May-25	
		Scale:	N.T.S.

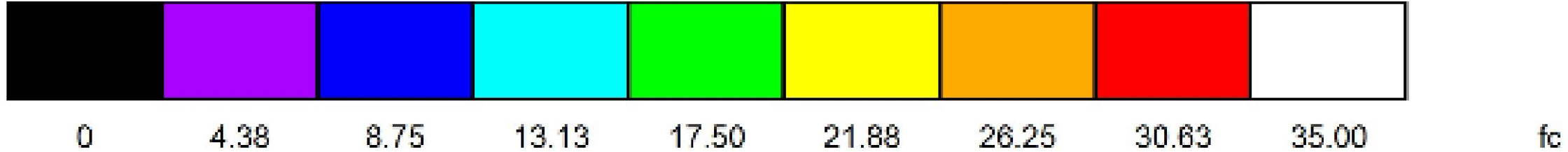


FIXTURE TYPES						
LABEL	QUANTITY	TYPE	WATTAGE	LUMENS	HEIGHT	LLF
●	8	1350W - 100x17deg asymmetrical beam	1350 W	202308 lm	70 ft	0.9
●	8	1250W - 100x17deg asymmetrical beam	1250W	171149 lm	70 ft	0.9
●	4	1000W - 40x15deg asymmetrical beam	1000W	142672 lm	70 ft	0.9



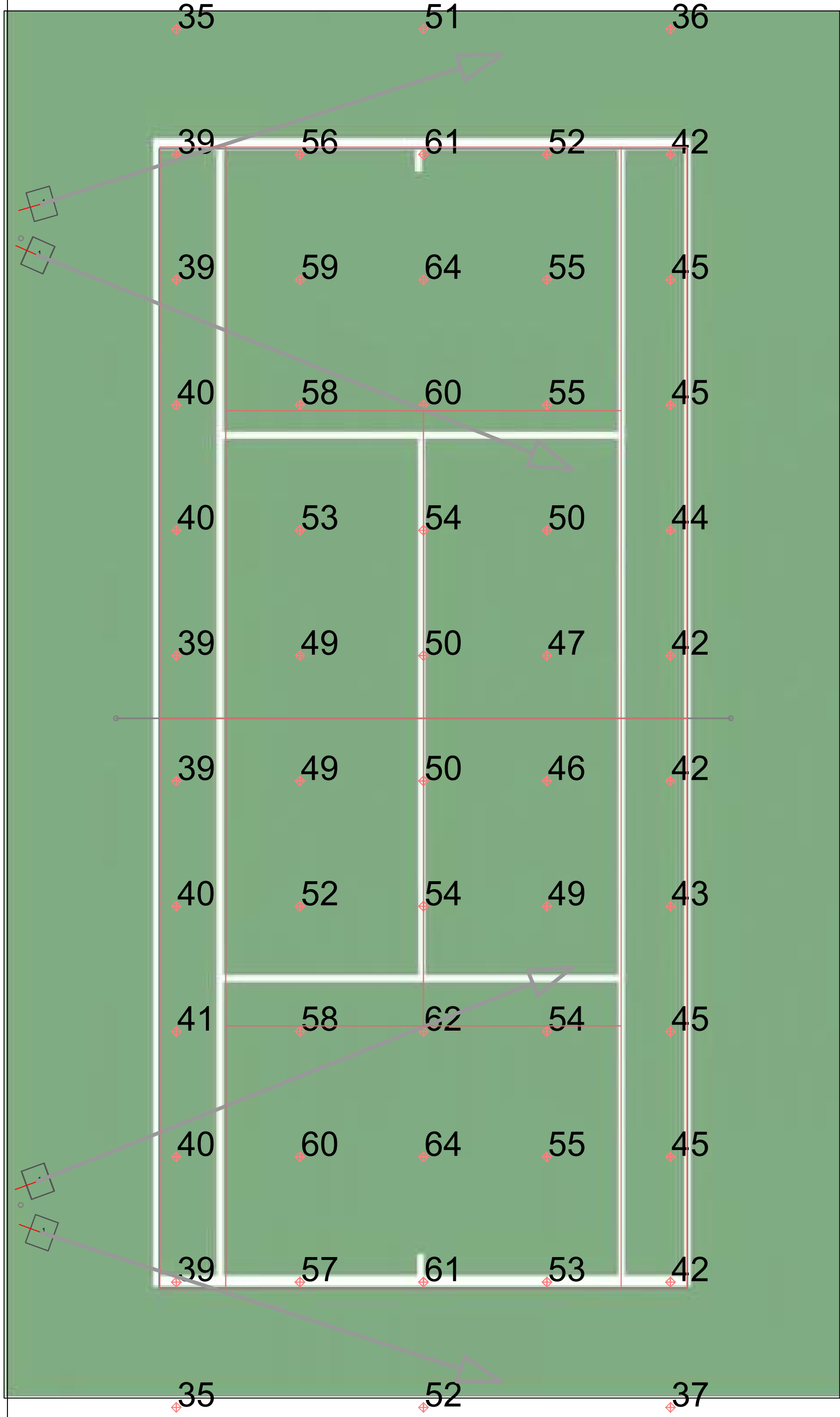
IES Class III – Soccer Field 3D Renders and False Color Renders

Page No.	Project Name	Date:	
3	IES Class III – Soccer Field	7-May-25	
		Scale:	N.T.S.



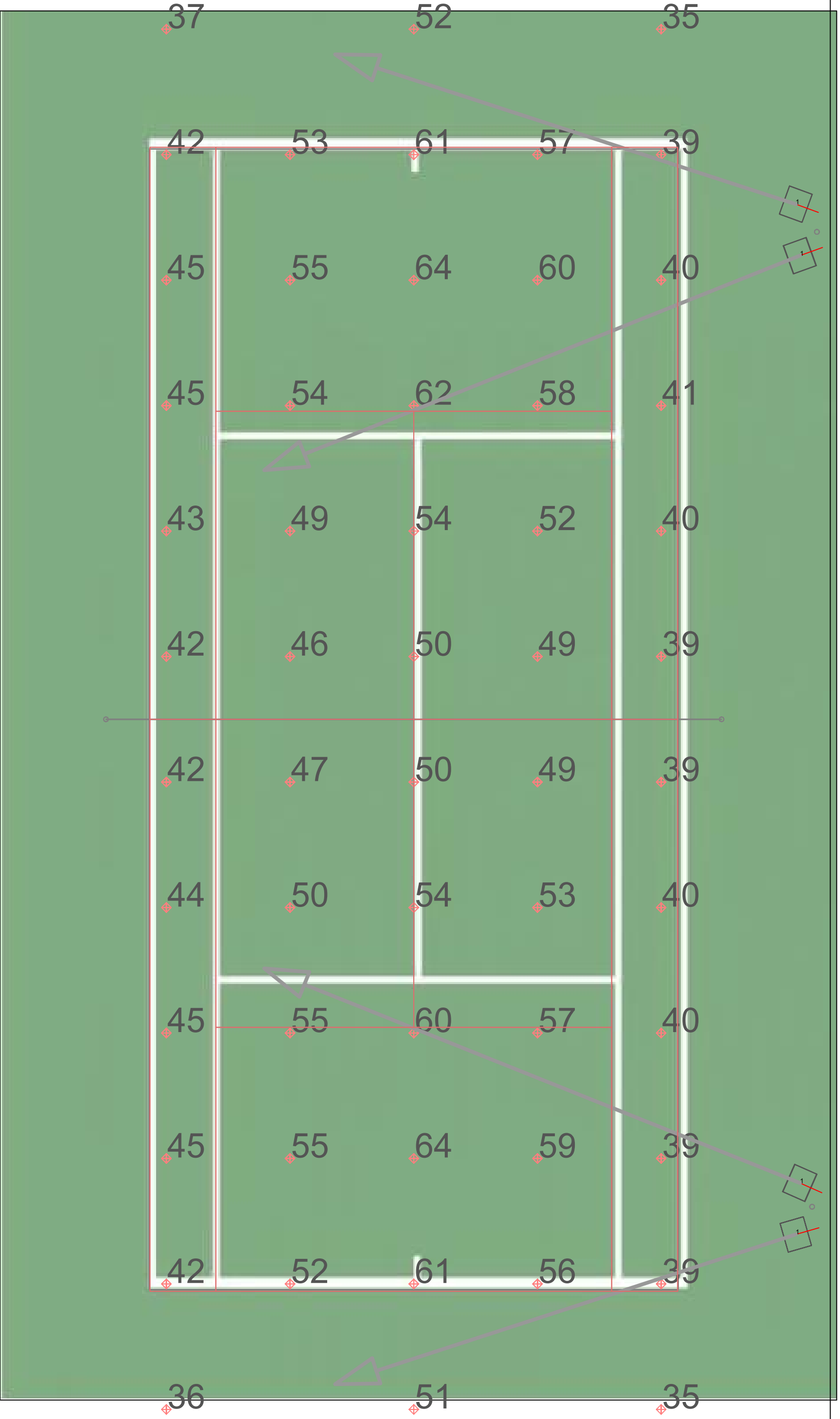
POLE 2

POLE 1



POLE 3

POLE 4



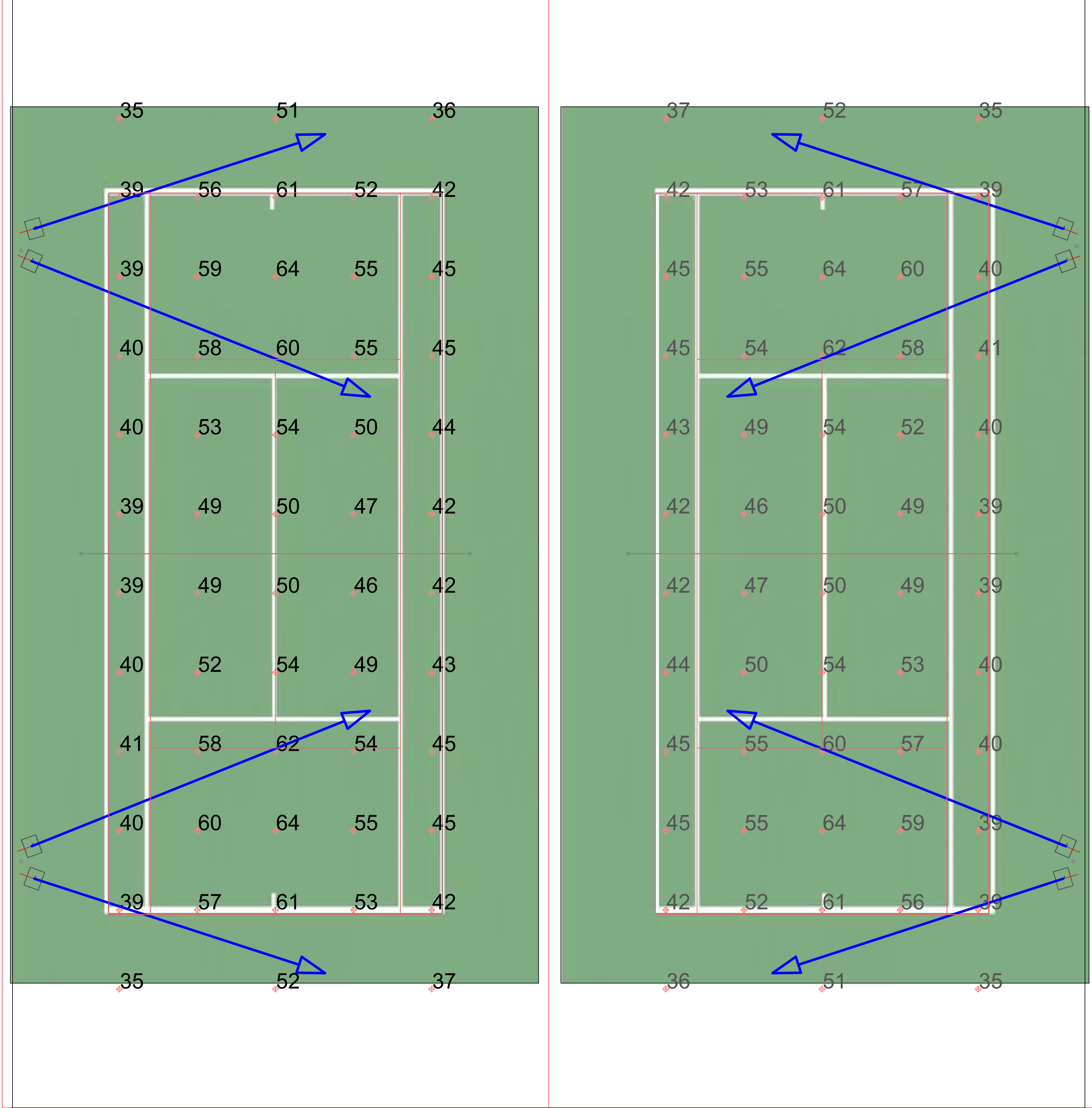
IES Class III – Tennis Field Lighting Levels			
Page No.	Project Name	Date:	
1	IES Class III – Tennis Field	7-May-25	
		Scale:	N.T.S.

FC LEVELS					
SPORT FIELD	AVG:	MIN:	MAX:	AVG/MIN	MAX/MIN
TENNIS FIELDS	50	39	64	1.3	1.6



POLE 2

POLE 1



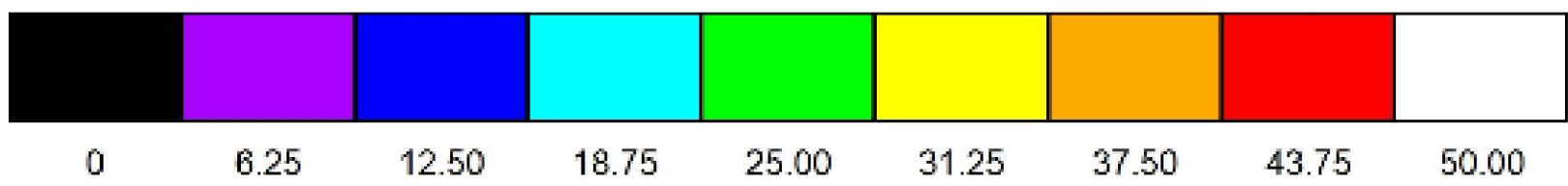
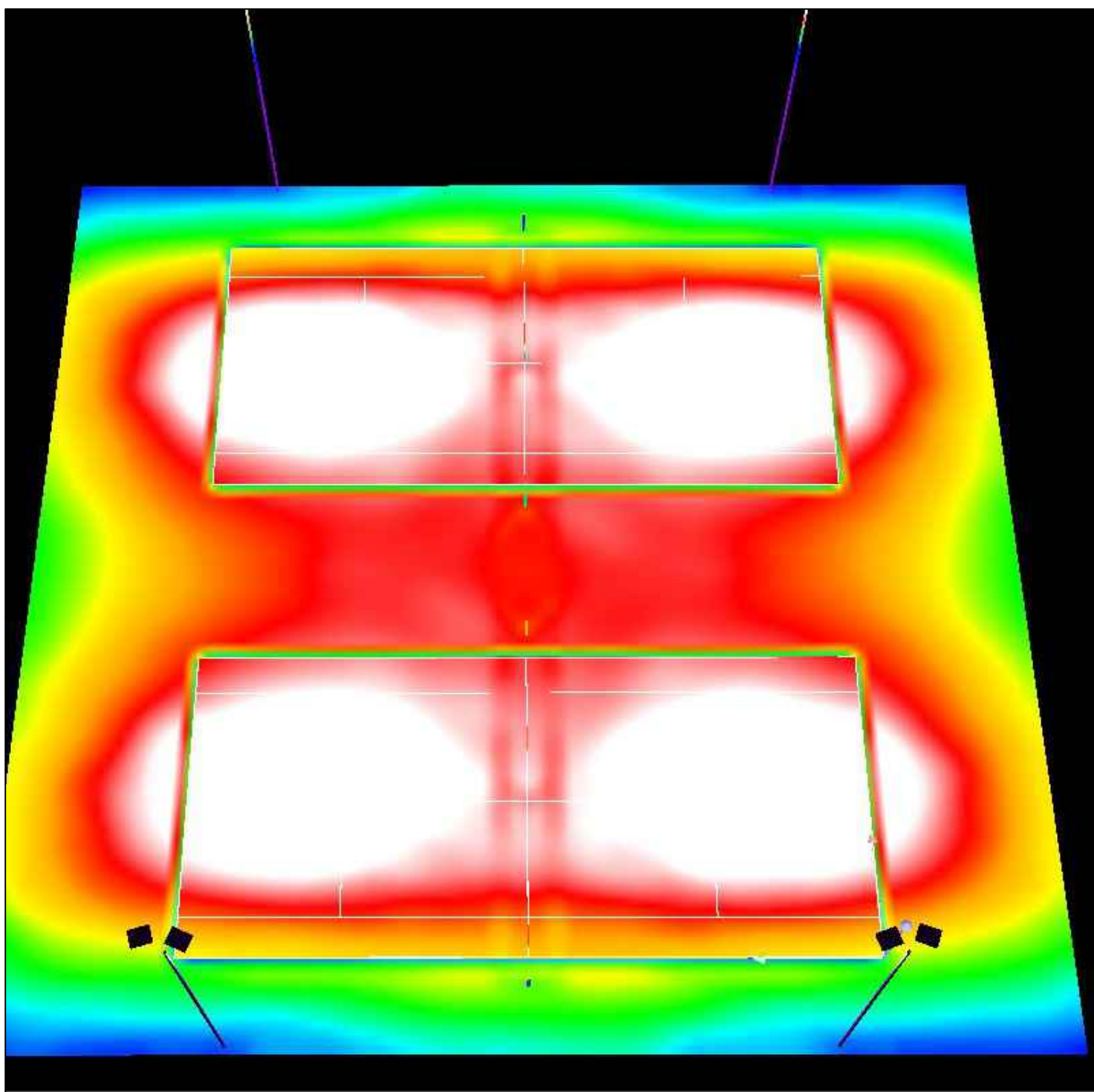
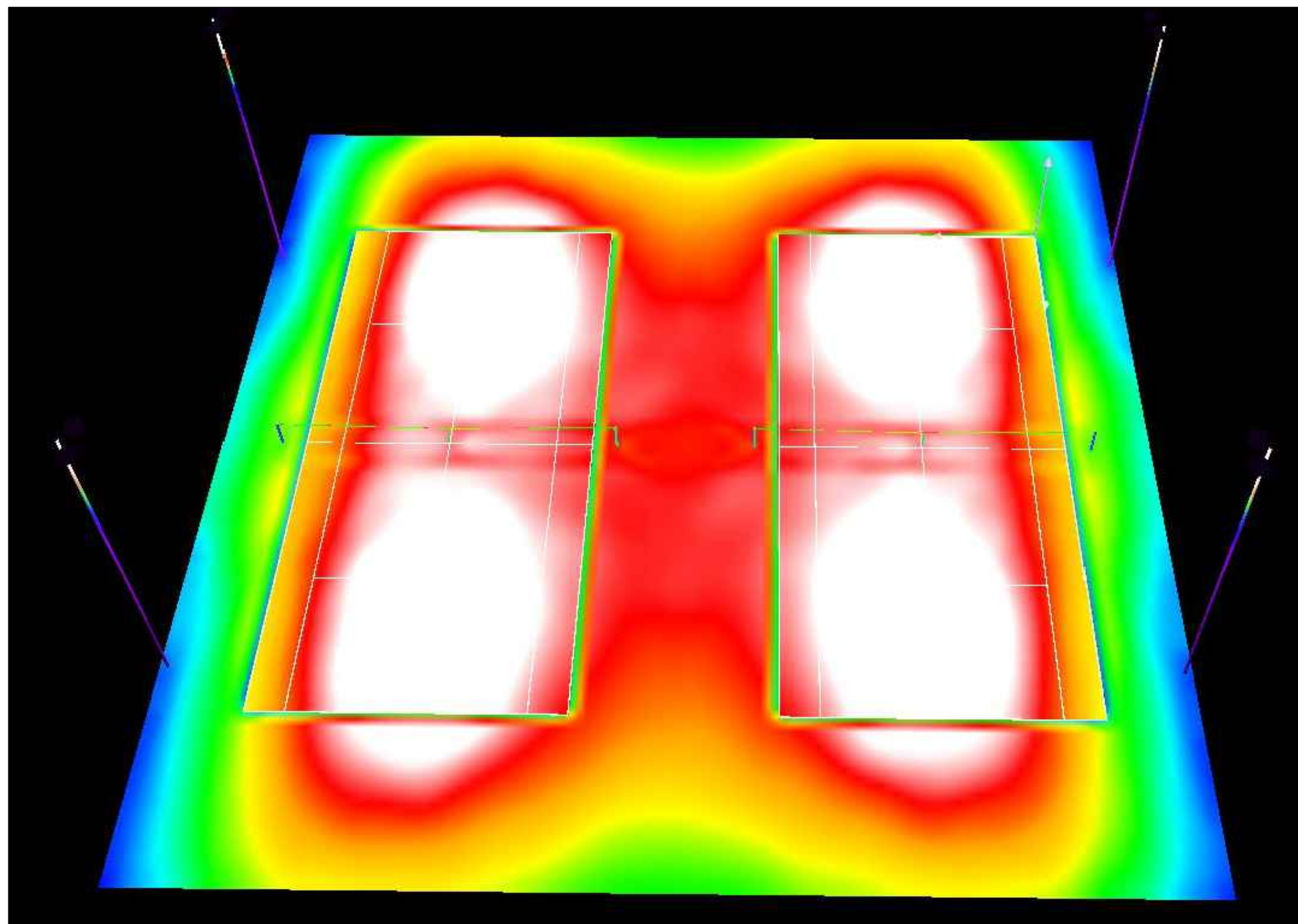
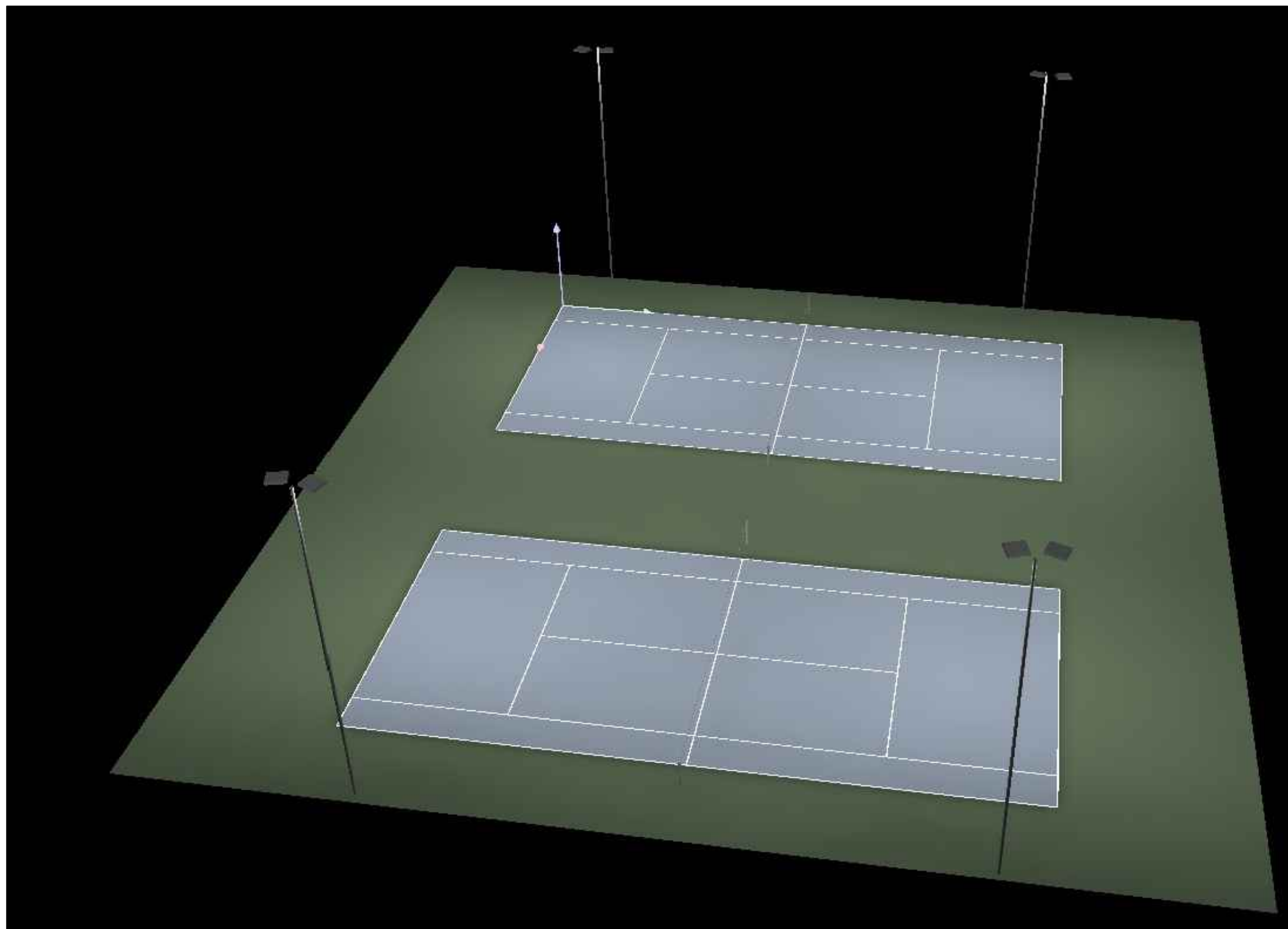
POLE 3

POLE 4

IES Class III – Tennis Field Fixtures Types			
Page No.	Project Name	Date:	
2	IES Class III – Soccer Field	7-May-25	
		Scale:	N.T.S.



FIXTURE TYPES						
LABEL	QUANTITY	TYPE	WATTAGE	LUMENS	HEIGHT	LLF
●	8	900W - asymmetrical beam	900 W	126535 lm	40 ft	0.8

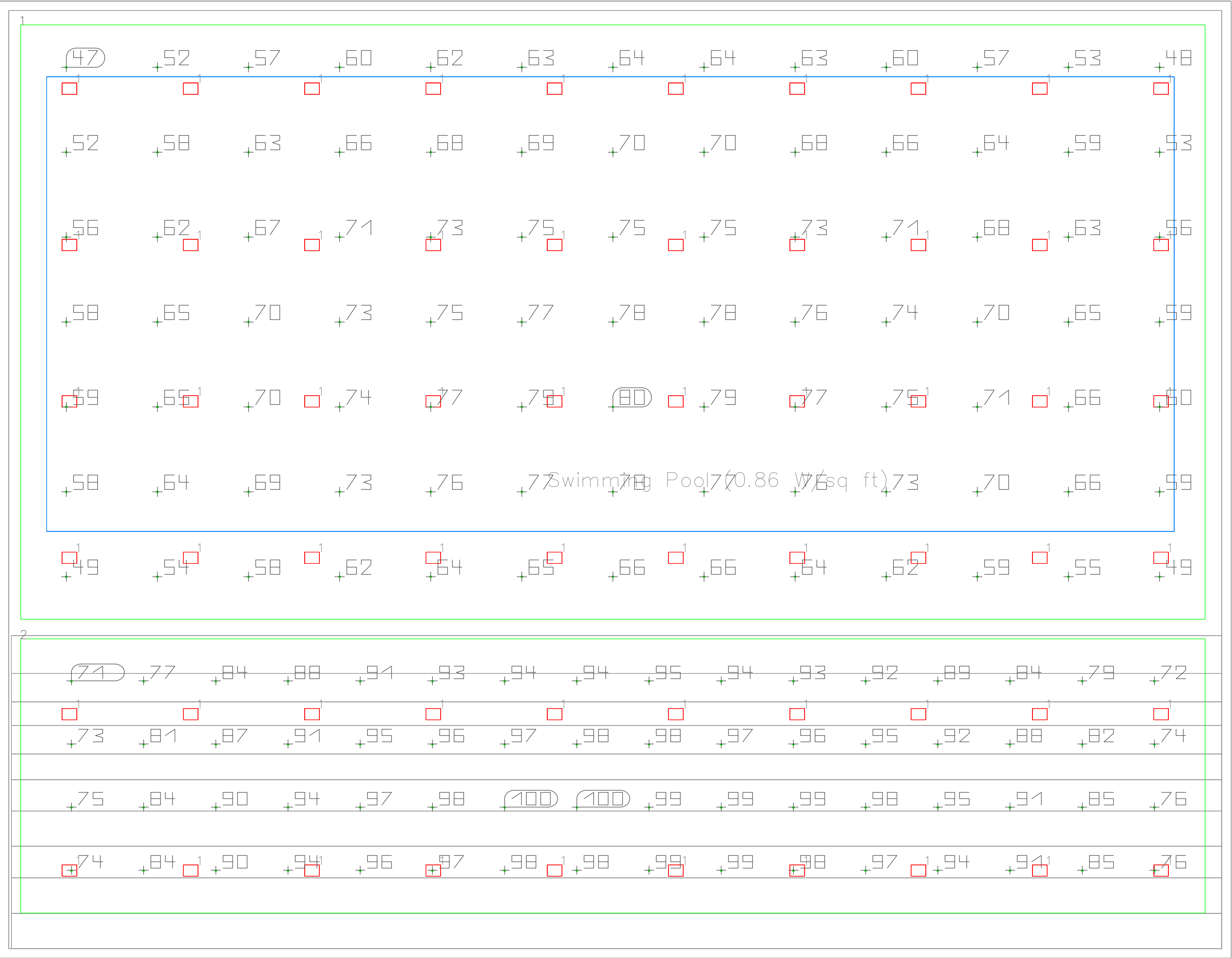


fc



IES Class III – Tennis Field 3D Renders and False Color Renders

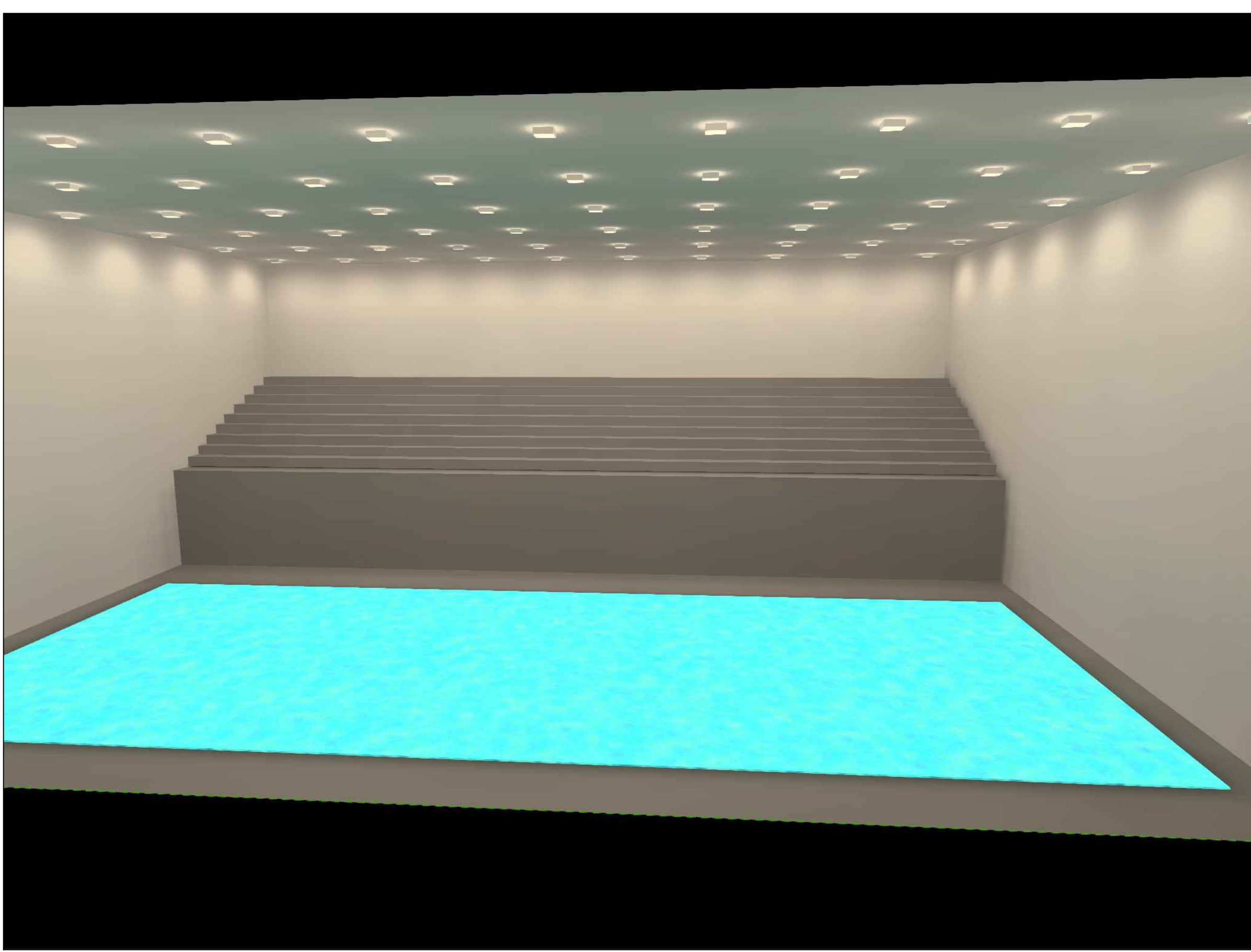
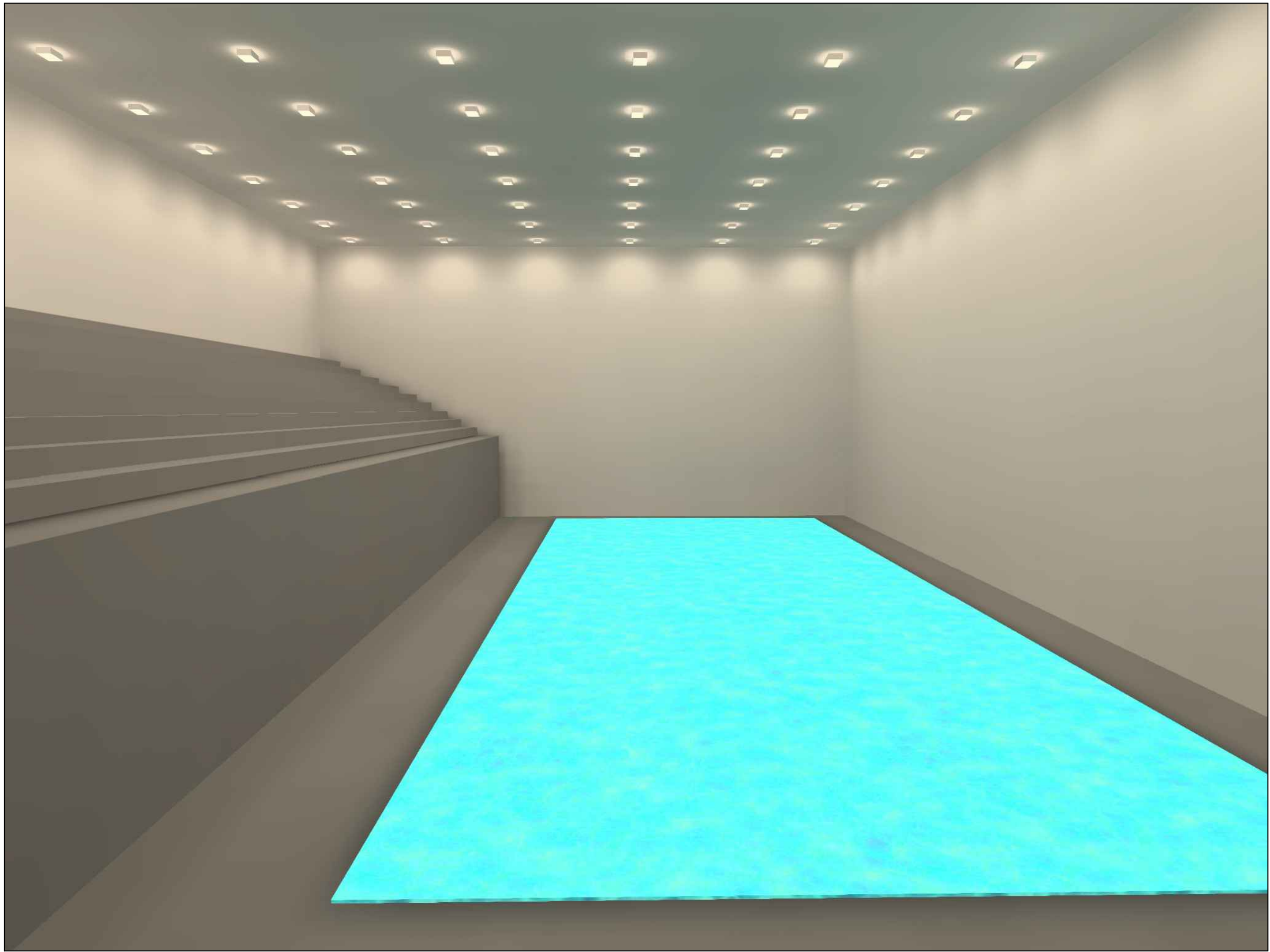
Page No.	Project Name	Date:	
3	IES Class III – Tennis Field	7-May-25	
		Scale:	N.T.S.



IES Class III – Natatorium/Indoor swimming pool Lighting Levels			
Page No.	Project Name	Date:	
1	IES Class III – Natatorium/indoor swimming pool	7-May-25	
		Scale:	N.T.S.

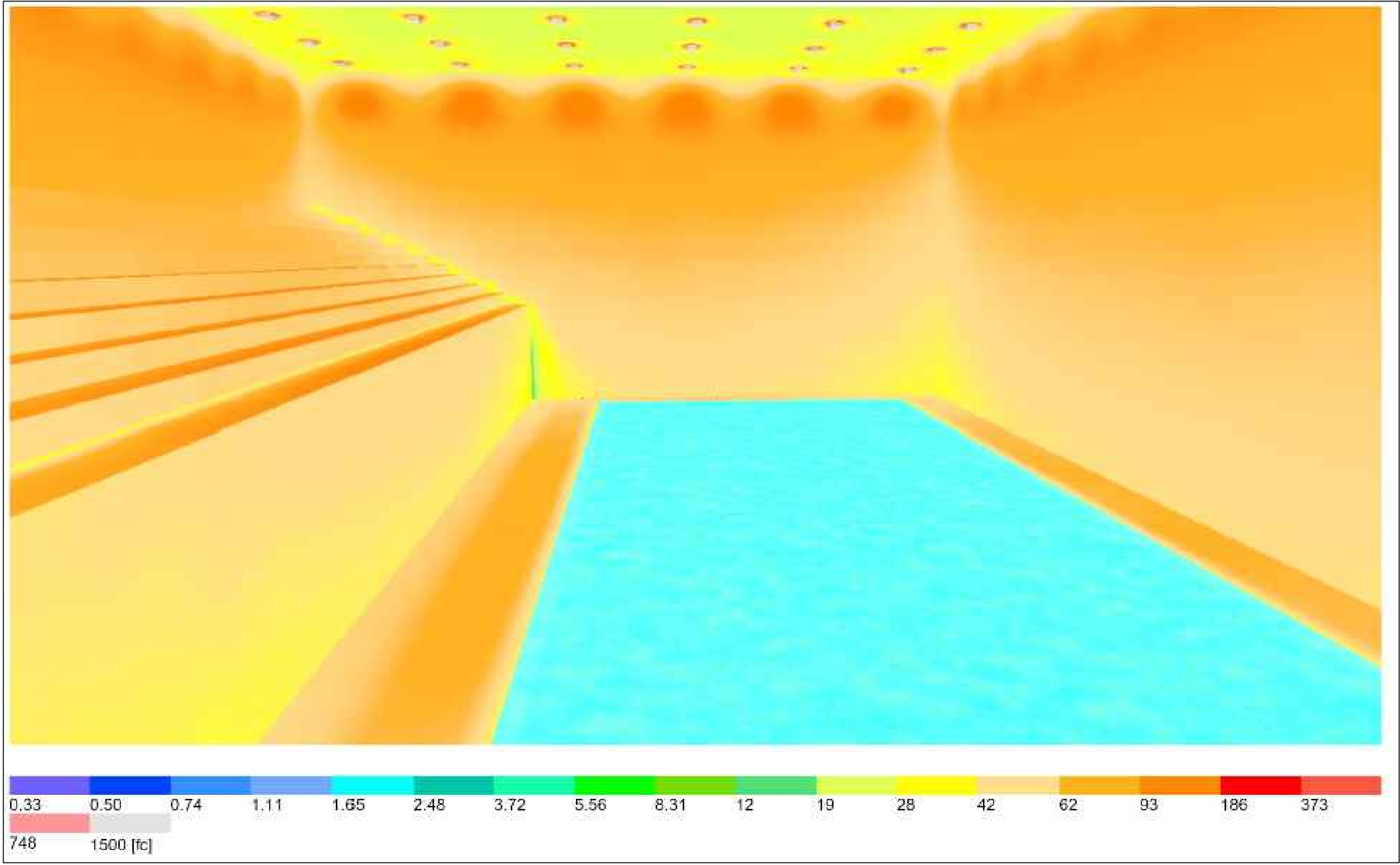
FC LEVELS					
SPORT FIELD	AVG:	MIN:	MAX:	AVG/MIN	MAX/MIN
Pool Arena	66	47	80	1.4	1.7
Pool Tribune	90	70	99	1.3	1.4

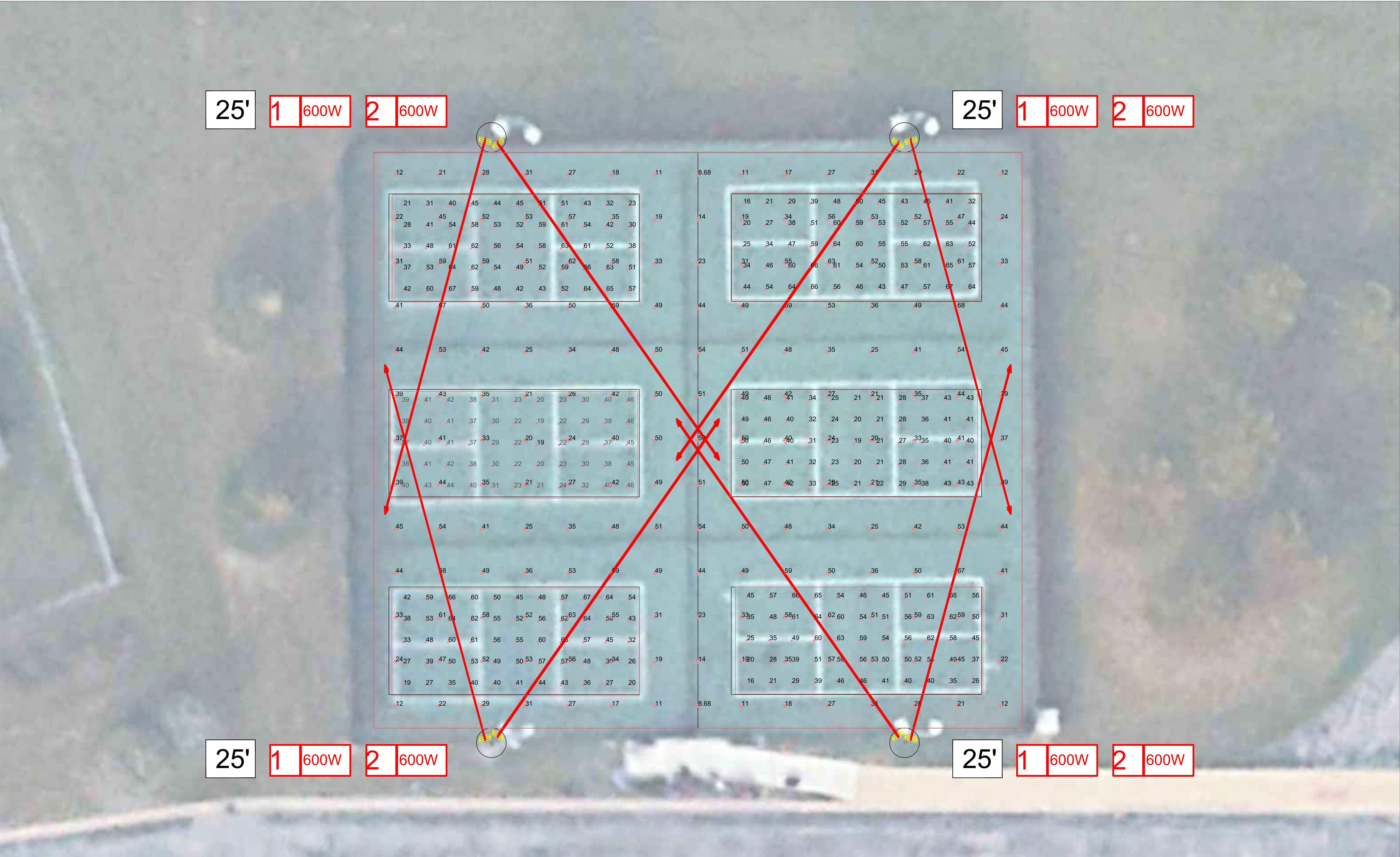
FIXTURE TYPES						
LABEL	QUANTITY	TYPE	WATTAGE	LUMENS	HEIGHT	LLF
	60	80W - 80 deg High Bay	80 W	11500 lm	33 ft	0.9



IES Class III – Natatorium/indoor swimming pool 3D Renders and False Color Renders

Page No.	Project Name	Date:	
2	IES Class III – Natatorium/indoor swimming pool	7-May-25	
		Scale:	N.T.S.



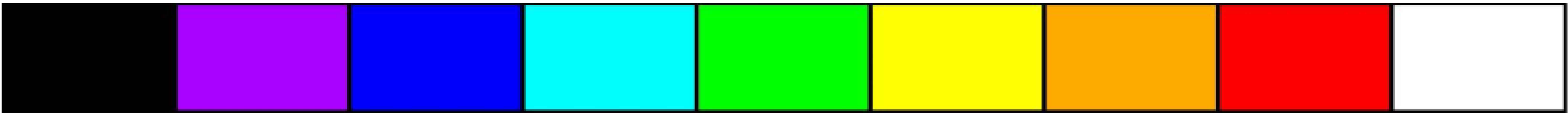
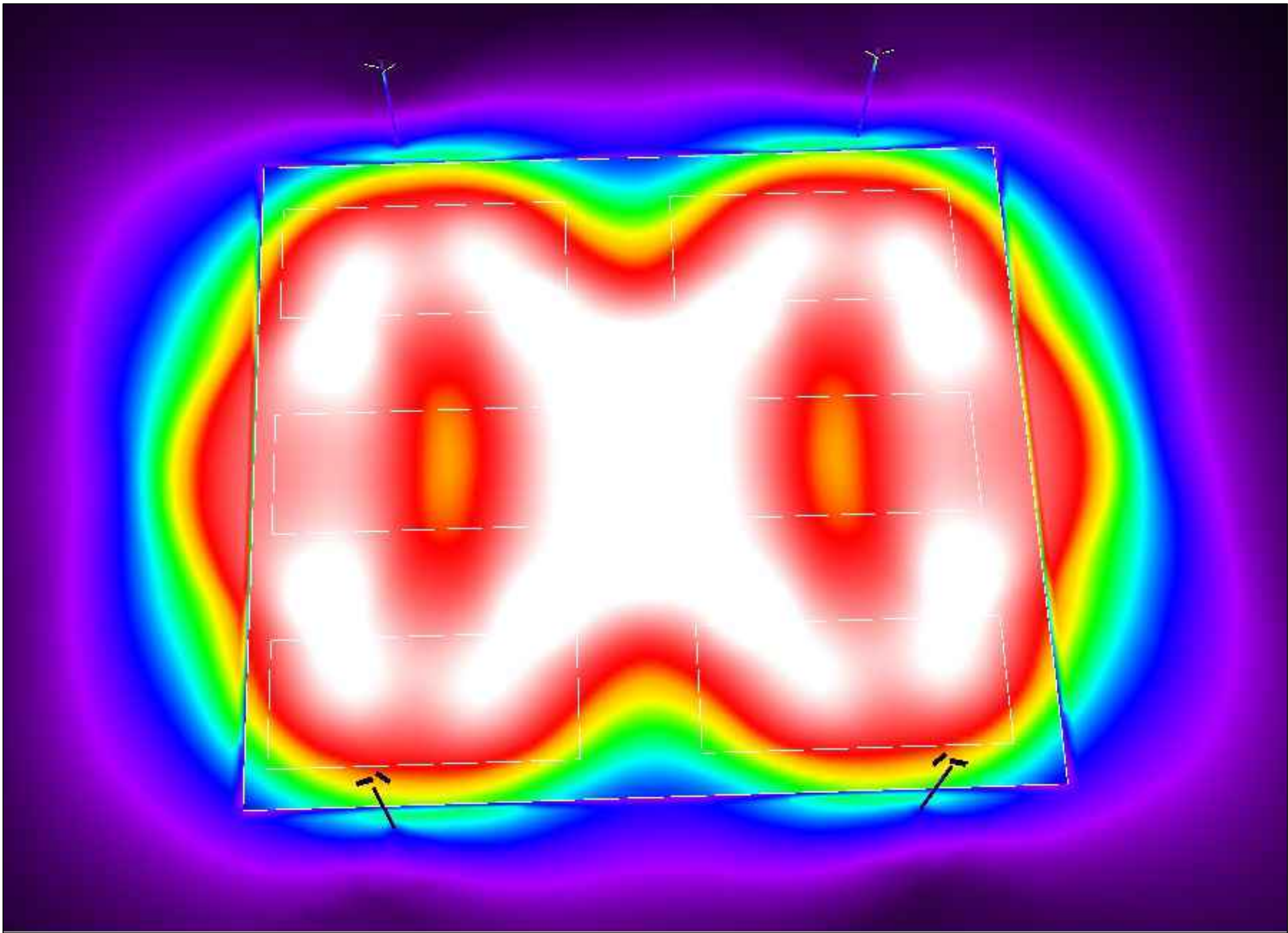
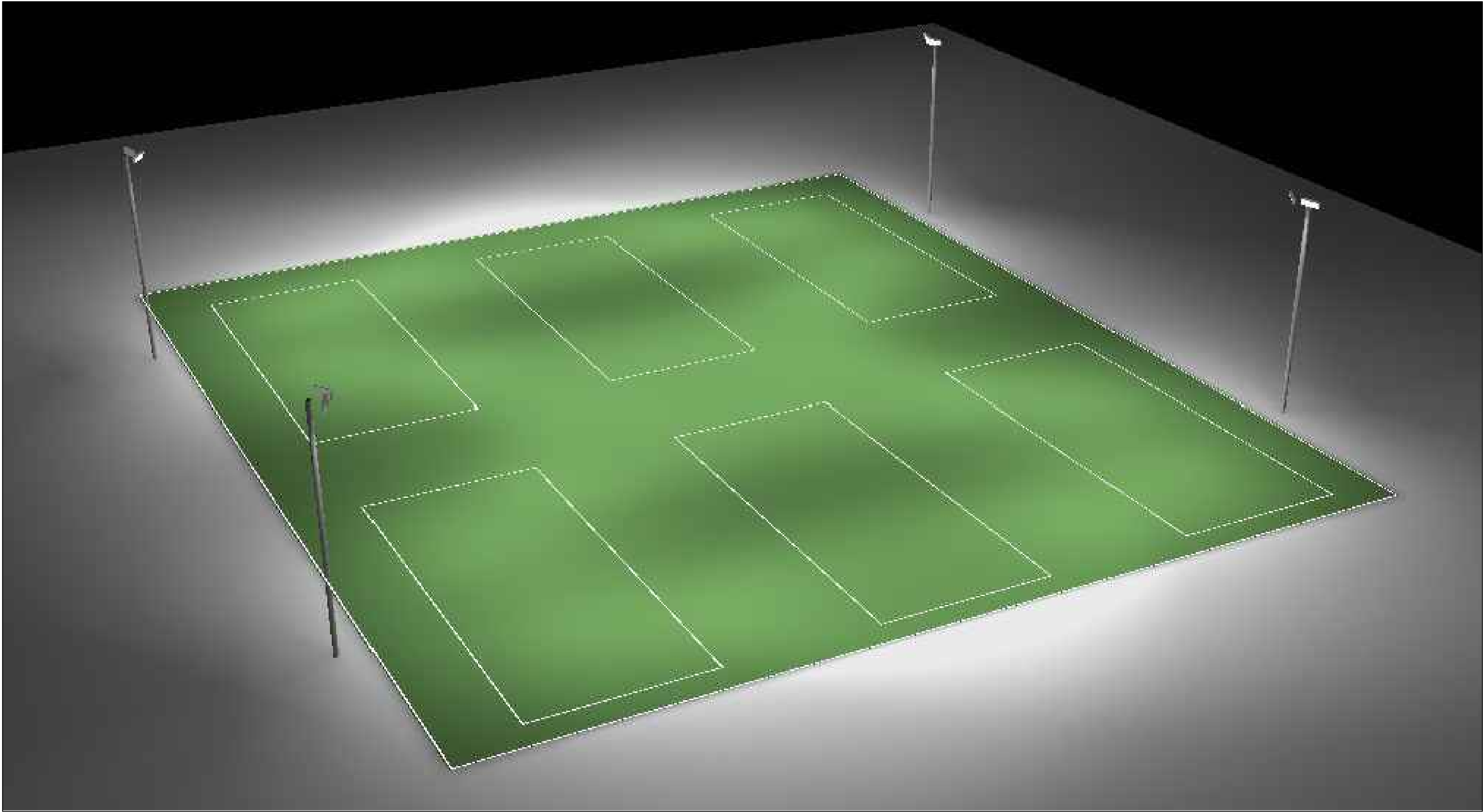
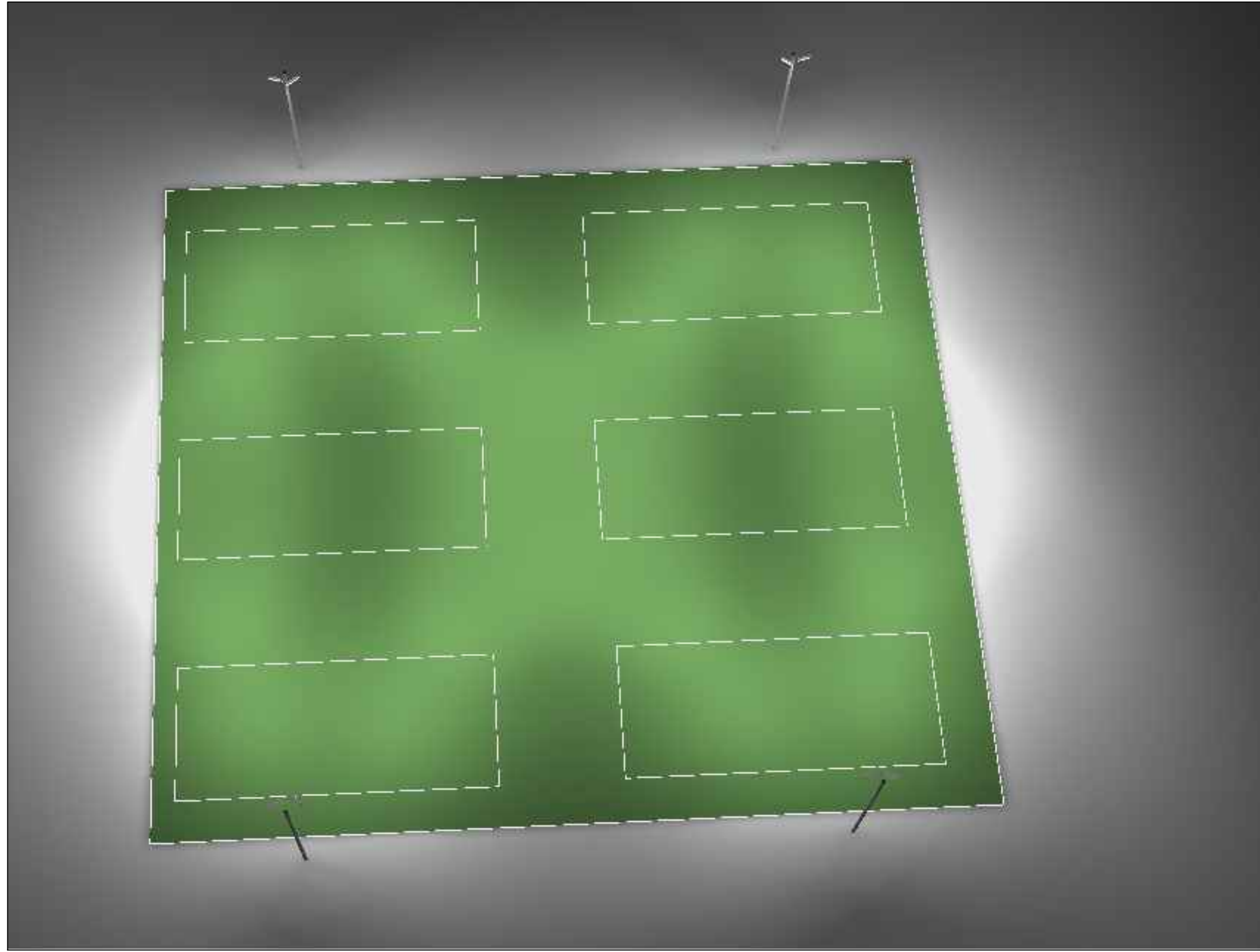


IES Class III – Pickleball Field Lighting Levels			
Page No.	Project Name	Date:	
1	IES Class III – Pickleball Field	7-May-25	
		Scale:	N.T.S.

FC LEVELS					
SPORT FIELD	AVG:	MIN:	MAX:	AVG/MIN	MAX/MIN
Pickleball Field	50	16	67	3.1	4.2

FIXTURE TYPES						
LABEL	QUANTITY	TYPE		WATTAGE	LUMENS	HEIGHT
●	8	600W - 30degrees Symmetrical beam		600 W	78552 lm	25 ft





0 3.75 7.50 11.25 15.00 18.75 22.50 26.25 50.00

fc



IES Class III – Pickleball Field 3D Renders and False Color Renders			
Page No.	Project Name	Date:	
2	IES Class III – Pickleball Field	7-May-25	
		Scale:	N.T.S.