

**DATE:** 28 May 2025  
**DESIGNER:** RN  
**PROJECT No:** P1980  
**PROJECT NAME:** INCLINE FIELDS

**LIGHTING  
REALITY**

LIGHTING CALCULATIONS: INCLINE FIELDS  
SPILLAGE  
CALCULATIONS  
ISSUE 2  
5 LUX CONTOUR LINE  
2 LUX CONTOUR LINE  
1 LUX CONTOUR LINE

## **INCLINE FIELDS LTG REPORT**

## Layout Report

### General Data

Dimensions in Metres Angles in Degrees  
Grid Origin 632.6m x 318.2m  
Area 414.0m x 144.4m  
Sample Spacing 1.66m x 1.49m

### Luminaires



#### Luminaire A Data

Supplier	Urbis Schreder
Type	AXIA 3 EVO 1 5293 16 OSLOM SQUARE G IANT@350mA WW 727 230V 00-53
Lamp(s)	16 OSLOM SQUARE GIANT@350mA WW 727 230V 00-53-397 [CJOI.O3STDA]
Lamp Flux (klm)	2.35
File Name	AXIA 3 EVO 1 5293 16 OSLOM SQUARE G IANT 350mA WW 727 18.2W 7x7 III-VeryS...
Maintenance Factor	0.80
Imax70,80,90(cd/klm)	560.6, 25.2, 0.0
No. in Project	24

#### Luminaire B Data

Supplier	
Type	JE-30454-VW-9030
Lamp(s)	1 LED 3000K
Lamp Flux (klm)	0.25
File Name	JE-30454-VW-9030.ies
Maintenance Factor	0.80
Imax70,80,90(cd/klm)	26.0, 6.7, 0.8
No. in Project	78

### Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out- reach	Target X	Target Y	Target Z
1	A	720.72	401.44	6.00	347.00	0.00	0.00	0.40			
2	A	716.01	375.54	6.00	317.00	0.00	0.00	0.40			
3	A	739.50	362.61	6.00	60.00	0.00	0.00	0.40			
4	A	754.81	354.57	6.00	180.00	0.00	0.00	0.40			
5	A	744.89	387.67	6.00	36.00	0.00	0.00	0.40			
6	A	756.34	373.35	6.00	162.00	0.00	0.00	0.40			
7	A	776.29	361.49	6.00	180.00	0.00	0.00	0.40			
8	A	764.84	386.83	6.00	74.00	0.00	0.00	0.40			
9	A	804.39	393.43	6.00	280.00	0.00	0.00	0.40			
10	A	811.75	372.15	6.00	184.00	0.00	0.00	0.40			
11	A	808.76	358.57	6.00	88.00	0.00	0.00	0.40			
12	A	848.08	388.81	6.00	94.00	0.00	0.00	0.40			
13	A	868.12	398.66	6.00	280.00	0.00	0.00	0.40			
14	A	860.13	381.12	6.00	5.00	0.00	0.00	0.40			
15	A	866.26	364.27	6.00	87.00	0.00	0.00	0.40			
16	A	895.35	395.26	6.00	99.00	0.00	0.00	0.40			
17	A	919.25	401.22	6.00	245.00	0.00	0.00	0.40			
18	A	930.75	379.19	6.00	177.00	0.00	0.00	0.40			
19	A	949.01	388.69	6.00	199.00	0.00	0.00	0.40			
20	A	786.46	384.78	6.00	71.00	0.00	0.00	0.40			

**Layout Continued**

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
21	A	927.66	363.35	6.00	95.00	0.00	0.00	0.40			
22	A	727.01	379.67	6.00	155.00	0.00	0.00	0.40			
23	A	740.70	343.30	6.00	328.00	0.00	0.00	0.40			
24	A	822.69	386.72	6.00	85.00	0.00	0.00	0.40			
25	B	713.46	396.82	2.00	350.00	0.00	0.00	0.00			
26	B	704.32	399.04	2.00	169.00	0.00	0.00	0.00			
27	B	711.86	391.47	2.00	351.00	0.00	0.00	0.00			
28	B	703.33	389.83	2.00	172.00	0.00	0.00	0.00			
29	B	711.71	387.40	2.00	356.00	0.00	0.00	0.00			
30	B	702.52	385.22	2.00	172.00	0.00	0.00	0.00			
31	B	715.48	352.45	2.00	92.00	0.00	0.00	0.00			
32	B	720.39	343.79	2.00	270.00	0.00	0.00	0.00			
33	B	721.78	352.37	2.00	90.00	0.00	0.00	0.00			
34	B	726.58	344.21	2.00	270.00	0.00	0.00	0.00			
35	B	728.05	344.31	2.00	274.00	0.00	0.00	0.00			
36	B	732.69	352.76	2.00	97.00	0.00	0.00	0.00			
37	B	733.61	354.07	2.00	87.00	0.00	0.00	0.00			
38	B	739.20	349.25	2.00	1.00	0.00	0.00	0.00			
39	B	760.11	355.82	2.00	96.00	0.00	0.00	0.00			
40	B	758.37	382.23	2.00	163.00	0.00	0.00	0.00			
41	B	761.71	376.80	2.00	257.00	0.00	0.00	0.00			
42	B	765.99	376.67	2.00	256.00	0.00	0.00	0.00			
43	B	770.02	384.79	2.00	74.00	0.00	0.00	0.00			
44	B	785.03	379.69	2.00	185.00	0.00	0.00	0.00			
45	B	786.14	373.71	2.00	186.00	0.00	0.00	0.00			
46	B	786.71	367.83	2.00	186.00	0.00	0.00	0.00			
47	B	785.65	361.94	2.00	186.00	0.00	0.00	0.00			
48	B	785.75	355.88	2.00	186.00	0.00	0.00	0.00			
51	B	789.64	383.94	2.00	95.00	0.00	0.00	0.00			
50	B	794.31	377.48	2.00	8.00	0.00	0.00	0.00			
51	B	794.11	359.60	2.00	8.00	0.00	0.00	0.00			
52	B	791.20	352.65	2.00	279.00	0.00	0.00	0.00			
53	B	794.86	371.46	2.00	8.00	0.00	0.00	0.00			
54	B	815.83	385.21	2.00	93.00	0.00	0.00	0.00			
55	B	815.14	375.53	2.00	274.00	0.00	0.00	0.00			
56	B	822.58	376.75	2.00	274.00	0.00	0.00	0.00			

**Layout Continued**

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
57	B	828.69	377.00	2.00	274.00	0.00	0.00	0.00			
58	B	841.68	377.83	2.00	274.00	0.00	0.00	0.00			
59	B	849.70	378.97	2.00	274.00	0.00	0.00	0.00			
60	B	857.28	379.08	2.00	274.00	0.00	0.00	0.00			
61	B	824.87	385.33	2.00	93.00	0.00	0.00	0.00			
62	B	830.81	386.20	2.00	90.00	0.00	0.00	0.00			
63	B	844.01	387.12	2.00	93.00	0.00	0.00	0.00			
64	B	846.07	387.00	2.00	93.00	0.00	0.00	0.00			
65	B	854.92	388.38	2.00	93.00	0.00	0.00	0.00			
66	B	842.04	365.53	2.00	93.00	0.00	0.00	0.00			
67	B	832.20	364.68	2.00	93.00	0.00	0.00	0.00			
68	B	887.85	365.74	2.00	4.00	0.00	0.00	0.00			
69	B	883.41	361.35	2.00	273.00	0.00	0.00	0.00			
70	B	886.81	369.99	2.00	4.00	0.00	0.00	0.00			
71	B	886.05	377.24	2.00	4.00	0.00	0.00	0.00			
72	B	886.03	384.60	2.00	4.00	0.00	0.00	0.00			
73	B	876.78	384.17	2.00	185.00	0.00	0.00	0.00			
74	B	877.86	375.56	2.00	185.00	0.00	0.00	0.00			
75	B	878.19	372.33	2.00	185.00	0.00	0.00	0.00			
76	B	915.55	372.36	2.00	2.00	0.00	0.00	0.00			
77	B	915.03	381.06	2.00	2.00	0.00	0.00	0.00			
78	B	915.06	387.11	2.00	2.00	0.00	0.00	0.00			
79	B	912.24	363.76	2.00	273.00	0.00	0.00	0.00			
80	B	906.91	368.79	2.00	189.00	0.00	0.00	0.00			
81	B	907.15	374.69	2.00	189.00	0.00	0.00	0.00			
82	B	906.97	377.19	2.00	189.00	0.00	0.00	0.00			
83	B	905.78	386.33	2.00	189.00	0.00	0.00	0.00			
84	B	732.54	386.95	2.00	90.00	0.00	0.00	0.00			
85	B	938.27	375.62	2.00	90.00	0.00	0.00	0.00			
86	B	944.91	377.12	2.00	90.00	0.00	0.00	0.00			
87	B	955.96	380.20	2.00	90.00	0.00	0.00	0.00			
88	B	947.90	367.34	2.00	277.00	0.00	0.00	0.00			
89	B	954.55	370.16	2.00	273.00	0.00	0.00	0.00			
91	B	962.86	379.85	2.00	90.00	0.00	0.00	0.00			
92	B	779.44	405.67	2.00	81.00	0.00	0.00	0.00			
93	B	771.55	406.79	2.00	77.00	0.00	0.00	0.00			

**Layout Continued**

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
94	B	771.55	397.50	2.00	257.00	0.00	0.00	0.00			
95	B	776.91	396.68	2.00	260.00	0.00	0.00	0.00			
96	B	738.49	408.84	2.00	79.00	0.00	0.00	0.00			
97	B	719.47	404.03	2.00	267.00	0.00	0.00	0.00			
98	B	727.46	403.04	2.00	267.00	0.00	0.00	0.00			
99	B	739.57	401.17	2.00	267.00	0.00	0.00	0.00			
100	B	734.64	379.71	2.00	258.00	0.00	0.00	0.00			
101	B	739.19	387.48	2.00	353.00	0.00	0.00	0.00			
102	B	725.95	409.37	2.00	79.00	0.00	0.00	0.00			
103	B	721.47	409.96	2.00	79.00	0.00	0.00	0.00			

Horizontal Illuminance (lux)

Grid 1

