DATE:	**2 November 2026**
DESIGNER:	**Michael Doherty**
PROJECT No:	**1A to 18B**
PROJECT NAME:	**Farmers Arms Liverpool Isolux Light Plot**

Outdoor Lighting Report

PREPARED BY:

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Local Origin at 5629.00m x -374.00m
Grid Origin 0.0m x 0.0m
Area 123.0m x 115.0m
Sample Spacing 1.00m x 1.00m

Luminaires

Luminaire A Data

Supplier	
Type	GDS_KN_4K_31.8W_5092lm_A-V05
Lamp(s)	LED
Lamp Flux (klm)	5.09
File Name	GDS_KN_4K_31.8W_5092lm_A-V05.IES
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	667.9, 17.8, 0.0
No. in Project	10

Luminaire B Data

Supplier	
Type	Ignis-Mini â€" Ignis-Mini Plus - 20 LEDs, WP E, 4000K, 0249mA,
Lamp(s)	OSRAM SQUARE CRI70 4000K N8 V7.1
LampFlux(klm)/Colour	2.44 4000/70
File Name	Ignis-Mini – Ignis-Mini Plus 20 WPE 4.0_70_249_2439_1_CLO98_BS100.ldt
Maintenance Factor	1.00
Imax70,80,90(cd/klm)	569.6, 138.1, 25.6
No. in Project	8

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	57.00	26.50	5.00	180.00	0.00	0.00	0.00			
2	A	57.25	34.50	5.00	180.00	0.00	0.00	0.00			
3	A	57.25	42.50	5.00	180.00	0.00	0.00	0.00			
4	A	57.25	50.25	5.00	180.00	0.00	0.00	0.00			
5	A	62.00	26.50	5.00	0.00	0.00	0.00	0.00			
6	A	62.00	34.50	5.00	0.00	0.00	0.00	0.00			
7	A	62.00	42.50	5.00	0.00	0.00	0.00	0.00			
8	A	62.00	50.25	5.00	0.00	0.00	0.00	0.00			
11	B	38.75	13.50	5.00	0.00	0.00	0.00	0.50			
12	B	38.75	60.00	5.00	0.00	0.00	0.00	0.50			
13	B	47.00	85.00	5.00	270.00	0.00	0.00	0.50			
14	B	68.00	85.00	5.00	270.00	0.00	0.00	0.50			
15	B	82.25	56.00	5.00	180.00	0.00	0.00	0.50			
9	A	81.50	34.00	5.00	125.00	0.00	0.00	0.00			
10	A	85.00	27.25	5.00	300.00	0.00	0.00	0.00			
16	B	55.00	70.00	5.00	0.00	0.00	0.00	0.50			
17	B	61.00	11.00	5.00	90.00	0.00	0.00	0.50			
18	B	78.00	11.00	5.00	40.00	0.00	0.00	0.50			

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Vertical Illuminance (lux)

Observer direction = 0 deg. Height = 1.50

Grid 1



Horizontal Illuminance (lux)

Grid 1



Results

Eav	4.93
Emin	0.00
Emax	100.41
Emin/Emax	0.00
Emin/Eav	0.00